



# TECH ACRYLIC SERIES DAMP / WET LOCATION TIERS

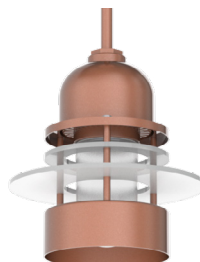
PROJECT: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ TYPE: \_\_\_\_\_



TA1610GV  
RD- Red Baron



TA0510GV  
AY - Aero Yellow



TA1010GV  
CO - Copper Metallic



TA1610GV  
EG - Evergreen

| SERIES                           | LUMENS <sup>1</sup>        | CCT                                                                                                                          | DRIVER / DIMMING <sup>2</sup>                                                                                                                                                                                                                                                                   | ACCESSORIES                      | MOUNTING <sup>6</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FINISH <sup>10</sup>                                                                                                                                                                  | WET KIT               |
|----------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| TA0510GV<br>TA1010GV<br>TA1610GV | 15L 1500 Lm<br>27L 2700 Lm | 80 CRI<br>27K 2700K<br>30K 3000K<br>35K 3500K<br>40K 4000K<br>90 CRI<br>27HK 2700K<br>30HK 3000K<br>35HK 3500K<br>40HK 4000K | EX<br>DS2W1<br>DS10X<br>DO10X <sup>3</sup><br>DLTE1 <sup>4</sup><br>DL3EX <sup>4</sup><br>Electronic Driver, 120V/277V<br>ELV/MLV, 120V<br>10%, 0-10V, 120V/277V<br>1%, 0-10V, 120V/277V<br>Lutron® 2-Wire Forward<br>Phase (MLV), 120V<br>1%, Lutron® EcoSystem®,<br>Fades to Black, 120V/277V | FJ1 <sup>5</sup> 3" Frosted Tall | WALL MOUNT<br>CP104 Small Driver Canopy<br>CP104KO Small Driver Canopy<br>w/ Knockouts<br>CP106 Large Driver Canopy<br>CP6/RMD Remote Mount Driver<br>SP90 <sup>7</sup> Straight Arm<br>PA <sup>7</sup> Mounting Arm Style<br>CEILING MOUNT<br>RDC5 <sup>5</sup> Small Driver Canopy<br>CP13 <sup>3</sup> Large Driver Canopy<br>HM <sup>8</sup> Hang Straight<br>AT <sup>8</sup> Hang Straight All Thread<br>PM <sup>8</sup> Rigid Pendant Mount<br>CD <sup>8</sup> Cord / Cable Mount<br>CM <sup>8</sup> Cord Mount<br>EMCR <sup>9</sup> 10W Large Driver Canopy EM<br>EMRM 7W Remote EM<br>EMEN 7W Remote with Enclosure | MW <sup>11</sup> Matte White<br>MB <sup>11</sup> Matte Black<br>PT <sup>11</sup> Platinum Silver<br>CC Custom Color<br>See Page 5<br>for Full Range of<br>Color Options<br>(83-90083) | WLKA Wet Location Kit |

EXAMPLE: TA1610GV15L27KDS10XFJ1/RDC5CD36CO

#### NOTES:

1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 Available with CP106/RDC5/CP13 Only 4 Available with CP106/CP13 Only  
5 Standard Enclosure 6 See Mounting Page for Details on Components and Finishes 7 See Mounting Page for Available Arm Options  
8 Specify Length in Inches: See Mounting Page for Available Lengths 9 EMCR Replaces RDC5 or CP13  
10 See Color Page for More Options/Consult Factory for Special Finishes 11 Standard Finishes



Spectrum Lighting



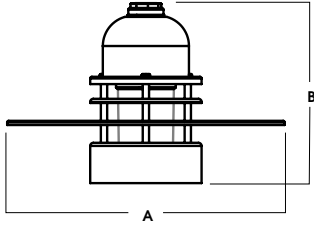
## TECH ACRYLIC SERIES DAMP / WET LOCATION TIERS

### LUMENS / WATTAGE DATA

| PART NUMBER | SOURCE LUMENS <sup>1</sup> | DELIVERED LUMENS <sup>2</sup> | SYSTEM WATTS | LPW |
|-------------|----------------------------|-------------------------------|--------------|-----|
| TA1610GV15L | 1500                       | 645                           | 10           | 65  |
| TA1610GV27L | 2700                       | 1125                          | 18           | 63  |

<sup>1</sup> Nominal Source Lumens at 35K <sup>2</sup> Nominal Delivered Lumens at 35K

### HOUSING DIMENSIONS



Dimensioned with **TA1610GV**

| SERIES   | A    | B    |
|----------|------|------|
| TA0510GV | 7.5  | 10.7 |
| TA1010GV | 10.3 | 10.7 |
| TA1610GV | 16.5 | 10.7 |

### APPLICATION

Tech Acrylic series for decorative general area lighting.

### FEATURES

Spectrum Lighting's RLM Classics are reproductions of classic lighting fixtures reimaged with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED module and driver are serviceable for future replacement.

### FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Interior painted same finish as exterior.

### ELECTRONICS

GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

### CONSTRUCTION

Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe and may be field cut.

### CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

### SERIES SIZES

TA0510GV



TA1010GV



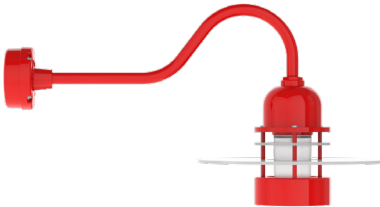
TA1610GV



### WALL MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.)

**PA**  
MOUNTING ARM STYLE



TA1610GV SHOWN WITH CP104PA23

### CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

**HM / AT / PM**  
HANG STRAIGHT / ALL THREAD / PENDANT



TA1610GV SHOWN WITH RDC5PM

**CD**  
CORD / CABLE MOUNT



TA1610GV SHOWN WITH RDC5CD

**CM**  
CORD MOUNT



TA1610GV SHOWN WITH RDC5CM



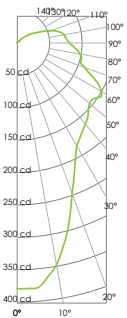


# TECH ACRYLIC SERIES

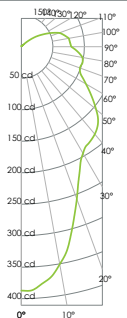
## DAMP / WET LOCATION

### TIER 1 / PHOTOMETRIC DATA

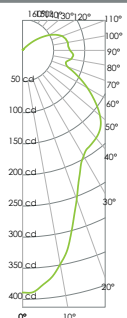
TA0510GV-27L-35K-EX-FJ1-MB

| CANDLEPOWER CURVE                                                                                                                                                                                                                                                                                                                          | INTENSITY                                                                                                                                                                                                                                                                                                                                                                        | ZONAL LUMENS        | SINGLE UNIT: PERFORMANCE<br>INITIAL FOOTCANDLES<br>BASED ON IES BEAM ANGLE | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------|------------|-----------|-----------|------------|------------|------------|-----------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-----|-----------|-----|-----|-----------|-----|-----|-----------|----|----|----------|-----|-----|------------|-----|-----|-------------|----|----|-------|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|------|-------|------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|-------|--|-------|--|--|--|------|-----------|------|-----------|----|------|----|------|----|------|-----|-------|----|------|----|------|-----|--------|----|------|---|------|-------------------------------------------|--|---------------------|--|---------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|                                                                                                                                                                                                                                                           | <table><tr><th>0.00°</th></tr><tr><td>0.00° 379</td></tr><tr><td>20.00° 247</td></tr><tr><td>40.00° 163</td></tr><tr><td>60.00° 150</td></tr><tr><td>80.00° 98</td></tr><tr><td>90.00° 81</td></tr><tr><td>100.00° 73</td></tr><tr><td>110.00° 56</td></tr><tr><td>120.00° 31</td></tr><tr><td>140.00° 2</td></tr><tr><td>160.00° 1</td></tr><tr><td>180.00° 1</td></tr></table> | 0.00°               | 0.00° 379                                                                  | 20.00° 247                                                                                             | 40.00° 163 | 60.00° 150 | 80.00° 98 | 90.00° 81 | 100.00° 73 | 110.00° 56 | 120.00° 31 | 140.00° 2 | 160.00° 1 | 180.00° 1 | <table><tr><th>0° - 20°</th><th>118</th><th>10%</th></tr><tr><th>20° - 50°</th><td>325</td><td>29%</td></tr><tr><th>50° - 80°</th><td>371</td><td>33%</td></tr><tr><th>80° - 90°</th><td>97</td><td>9%</td></tr><tr><th>0° - 90°</th><td>912</td><td>80%</td></tr><tr><th>90° - 120°</th><td>195</td><td>17%</td></tr><tr><th>120° - 150°</th><td>27</td><td>2%</td></tr><tr><th>Total</th><td>1,134</td><td>100%</td></tr></table> | 0° - 20° | 118 | 10% | 20° - 50° | 325 | 29% | 50° - 80° | 371 | 33% | 80° - 90° | 97 | 9% | 0° - 90° | 912 | 80% | 90° - 120° | 195 | 17% | 120° - 150° | 27 | 2% | Total | 1,134 | 100% | <table><tr><th>Mounting Height<br/>AFF</th><th>FC at Center on<br/>Floor</th></tr><tr><td>5.5'</td><td>13 fc</td></tr><tr><td>6.5'</td><td>9 fc</td></tr><tr><td>7.5'</td><td>7 fc</td></tr><tr><td>8.5'</td><td>5 fc</td></tr><tr><td>10.0'</td><td>4 fc</td></tr><tr><td>12.0'</td><td>3 fc</td></tr><tr><td>14.0'</td><td>2 fc</td></tr><tr><td>16.0'</td><td>1 fc</td></tr></table> | Mounting Height<br>AFF | FC at Center on<br>Floor | 5.5' | 13 fc | 6.5' | 9 fc | 7.5' | 7 fc | 8.5' | 5 fc | 10.0' | 4 fc | 12.0' | 3 fc | 14.0' | 2 fc | 16.0' | 1 fc | <table><tr><th>Ceiling<br/>Height</th><th>Fixture<br/>Spacing</th><th colspan="2">RCR 2</th><th colspan="2">RCR 4</th></tr><tr><td></td><td></td><th>FC *</th><th>W/Sq. Ft.</th><th>FC *</th><th>W/Sq. Ft.</th></tr><tr><td>8'</td><td>5' *</td><td>47</td><td>0.94</td><td>36</td><td>0.94</td></tr><tr><td>12'</td><td>7' **</td><td>16</td><td>0.32</td><td>18</td><td>0.46</td></tr><tr><td>16'</td><td>9' ***</td><td>10</td><td>0.20</td><td>7</td><td>0.20</td></tr><tr><td colspan="2">Delivered<br/>Illuminance<br/>Rating: (DIR)</td><td colspan="2">50 FC per W/Sq. Ft.</td><td colspan="2">38 FC per W/Sq. Ft.</td></tr><tr><td colspan="6">2' Suspension Length<br/>Square rooms used for multiple units:<br/>- RCR 2: Length &amp; Width = Ceiling Ht. - 4.5' x 5.00<br/>- RCR 4: Length &amp; Width = Ceiling Ht. - 4.5' x 2.50<br/>* Average Footcandles at 2.5' Above Floor<br/>* Exceeds spacing criteria by 81%<br/>** Exceeds spacing criteria by 18%<br/>*** Exceeds spacing criteria by -1%</td></tr></table> | Ceiling<br>Height | Fixture<br>Spacing | RCR 2 |  | RCR 4 |  |  |  | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 8' | 5' * | 47 | 0.94 | 36 | 0.94 | 12' | 7' ** | 16 | 0.32 | 18 | 0.46 | 16' | 9' *** | 10 | 0.20 | 7 | 0.20 | Delivered<br>Illuminance<br>Rating: (DIR) |  | 50 FC per W/Sq. Ft. |  | 38 FC per W/Sq. Ft. |  | 2' Suspension Length<br>Square rooms used for multiple units:<br>- RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00<br>- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50<br>* Average Footcandles at 2.5' Above Floor<br>* Exceeds spacing criteria by 81%<br>** Exceeds spacing criteria by 18%<br>*** Exceeds spacing criteria by -1% |  |  |  |  |  |
| 0.00°                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0.00° 379                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 20.00° 247                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 40.00° 163                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 60.00° 150                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 80.00° 98                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 90.00° 81                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 100.00° 73                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 110.00° 56                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 120.00° 31                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 140.00° 2                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 160.00° 1                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 180.00° 1                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0° - 20°                                                                                                                                                                                                                                                                                                                                   | 118                                                                                                                                                                                                                                                                                                                                                                              | 10%                 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 20° - 50°                                                                                                                                                                                                                                                                                                                                  | 325                                                                                                                                                                                                                                                                                                                                                                              | 29%                 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 50° - 80°                                                                                                                                                                                                                                                                                                                                  | 371                                                                                                                                                                                                                                                                                                                                                                              | 33%                 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 80° - 90°                                                                                                                                                                                                                                                                                                                                  | 97                                                                                                                                                                                                                                                                                                                                                                               | 9%                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0° - 90°                                                                                                                                                                                                                                                                                                                                   | 912                                                                                                                                                                                                                                                                                                                                                                              | 80%                 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 90° - 120°                                                                                                                                                                                                                                                                                                                                 | 195                                                                                                                                                                                                                                                                                                                                                                              | 17%                 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 120° - 150°                                                                                                                                                                                                                                                                                                                                | 27                                                                                                                                                                                                                                                                                                                                                                               | 2%                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Total                                                                                                                                                                                                                                                                                                                                      | 1,134                                                                                                                                                                                                                                                                                                                                                                            | 100%                |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Mounting Height<br>AFF                                                                                                                                                                                                                                                                                                                     | FC at Center on<br>Floor                                                                                                                                                                                                                                                                                                                                                         |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 5.5'                                                                                                                                                                                                                                                                                                                                       | 13 fc                                                                                                                                                                                                                                                                                                                                                                            |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 6.5'                                                                                                                                                                                                                                                                                                                                       | 9 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 7.5'                                                                                                                                                                                                                                                                                                                                       | 7 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 8.5'                                                                                                                                                                                                                                                                                                                                       | 5 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 10.0'                                                                                                                                                                                                                                                                                                                                      | 4 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 12.0'                                                                                                                                                                                                                                                                                                                                      | 3 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 14.0'                                                                                                                                                                                                                                                                                                                                      | 2 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 16.0'                                                                                                                                                                                                                                                                                                                                      | 1 fc                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Ceiling<br>Height                                                                                                                                                                                                                                                                                                                          | Fixture<br>Spacing                                                                                                                                                                                                                                                                                                                                                               | RCR 2               |                                                                            | RCR 4                                                                                                  |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                  | FC *                | W/Sq. Ft.                                                                  | FC *                                                                                                   | W/Sq. Ft.  |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 8'                                                                                                                                                                                                                                                                                                                                         | 5' *                                                                                                                                                                                                                                                                                                                                                                             | 47                  | 0.94                                                                       | 36                                                                                                     | 0.94       |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 12'                                                                                                                                                                                                                                                                                                                                        | 7' **                                                                                                                                                                                                                                                                                                                                                                            | 16                  | 0.32                                                                       | 18                                                                                                     | 0.46       |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 16'                                                                                                                                                                                                                                                                                                                                        | 9' ***                                                                                                                                                                                                                                                                                                                                                                           | 10                  | 0.20                                                                       | 7                                                                                                      | 0.20       |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Delivered<br>Illuminance<br>Rating: (DIR)                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  | 50 FC per W/Sq. Ft. |                                                                            | 38 FC per W/Sq. Ft.                                                                                    |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 2' Suspension Length<br>Square rooms used for multiple units:<br>- RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00<br>- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50<br>* Average Footcandles at 2.5' Above Floor<br>* Exceeds spacing criteria by 81%<br>** Exceeds spacing criteria by 18%<br>*** Exceeds spacing criteria by -1% |                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Delivered Lumens: 1,134<br>Luminaire Watts: 18<br>LER: 63.00                                                                                                                                                                                                                                                                               | CP at 0deg (Nadir): 379<br>CRI: 85+                                                                                                                                                                                                                                                                                                                                              |                     |                                                                            | Lamp Multiplier: 15L x 0.573<br>CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03                   |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |

TA1010GV-27L-35K-EX-FJ1-MB

| CANDLEPOWER CURVE                                                                                                                                                                                                                                                                                                                          | INTENSITY                                                                                                                                                                                                                                                                                                                                                                        | ZONAL LUMENS                                                                         | SINGLE UNIT: PERFORMANCE<br>INITIAL FOOTCANDLES<br>BASED ON IES BEAM ANGLE | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------|------------|-----------|-----------|------------|------------|------------|-----------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-----|-----------|-----|-----|-----------|-----|-----|-----------|----|----|----------|-----|-----|------------|-----|-----|-------------|----|----|-------|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|------|-------|------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|-------|--|-------|--|--|--|------|-----------|------|-----------|----|------|----|------|----|------|-----|-------|----|------|----|------|-----|--------|----|------|---|------|-------------------------------------------|--|---------------------|--|---------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|                                                                                                                                                                                                                                                          | <table><tr><th>0.00°</th></tr><tr><td>0.00° 387</td></tr><tr><td>20.00° 257</td></tr><tr><td>40.00° 181</td></tr><tr><td>60.00° 118</td></tr><tr><td>80.00° 98</td></tr><tr><td>90.00° 79</td></tr><tr><td>100.00° 76</td></tr><tr><td>110.00° 64</td></tr><tr><td>120.00° 39</td></tr><tr><td>140.00° 2</td></tr><tr><td>160.00° 1</td></tr><tr><td>180.00° 1</td></tr></table> | 0.00°                                                                                | 0.00° 387                                                                  | 20.00° 257                                                                                             | 40.00° 181 | 60.00° 118 | 80.00° 98 | 90.00° 79 | 100.00° 76 | 110.00° 64 | 120.00° 39 | 140.00° 2 | 160.00° 1 | 180.00° 1 | <table><tr><th>0° - 20°</th><th>121</th><th>11%</th></tr><tr><th>20° - 50°</th><td>350</td><td>31%</td></tr><tr><th>50° - 80°</th><td>332</td><td>29%</td></tr><tr><th>80° - 90°</th><td>97</td><td>9%</td></tr><tr><th>0° - 90°</th><td>900</td><td>79%</td></tr><tr><th>90° - 120°</th><td>210</td><td>18%</td></tr><tr><th>120° - 150°</th><td>31</td><td>3%</td></tr><tr><th>Total</th><td>1,142</td><td>100%</td></tr></table> | 0° - 20° | 121 | 11% | 20° - 50° | 350 | 31% | 50° - 80° | 332 | 29% | 80° - 90° | 97 | 9% | 0° - 90° | 900 | 79% | 90° - 120° | 210 | 18% | 120° - 150° | 31 | 3% | Total | 1,142 | 100% | <table><tr><th>Mounting Height<br/>AFF</th><th>FC at Center on<br/>Floor</th></tr><tr><td>5.5' </td><td>13 fc</td></tr><tr><td>6.5' </td><td>9 fc</td></tr><tr><td>7.5' </td><td>7 fc</td></tr><tr><td>8.5' </td><td>5 fc</td></tr><tr><td>10.0' </td><td>4 fc</td></tr><tr><td>12.0' </td><td>3 fc</td></tr><tr><td>14.0' </td><td>2 fc</td></tr><tr><td>16.0' </td><td>2 fc</td></tr></table> | Mounting Height<br>AFF | FC at Center on<br>Floor | 5.5' | 13 fc | 6.5' | 9 fc | 7.5' | 7 fc | 8.5' | 5 fc | 10.0' | 4 fc | 12.0' | 3 fc | 14.0' | 2 fc | 16.0' | 2 fc | <table><tr><th>Ceiling<br/>Height</th><th>Fixture<br/>Spacing</th><th colspan="2">RCR 2</th><th colspan="2">RCR 4</th></tr><tr><td></td><td></td><th>FC *</th><th>W/Sq. Ft.</th><th>FC *</th><th>W/Sq. Ft.</th></tr><tr><td>8' </td><td>5' *</td><td>47</td><td>0.94</td><td>37</td><td>0.94</td></tr><tr><td>12' </td><td>7' **</td><td>16</td><td>0.32</td><td>18</td><td>0.46</td></tr><tr><td>16' </td><td>9' ***</td><td>10</td><td>0.20</td><td>8</td><td>0.20</td></tr><tr><td colspan="2">Delivered<br/>Illuminance<br/>Rating: (DIR)</td><td colspan="2">50 FC per W/Sq. Ft.</td><td colspan="2">39 FC per W/Sq. Ft.</td></tr><tr><td colspan="6">2' Suspension Length<br/>Square rooms used for multiple units:<br/>- RCR 2: Length &amp; Width = Ceiling Ht. - 4.5' x 5.00<br/>- RCR 4: Length &amp; Width = Ceiling Ht. - 4.5' x 2.50<br/>* Average Footcandles at 2.5' Above Floor<br/>* Exceeds spacing criteria by 79%<br/>** Exceeds spacing criteria by 17%<br/>*** Exceeds spacing criteria by -2%</td></tr></table> | Ceiling<br>Height | Fixture<br>Spacing | RCR 2 |  | RCR 4 |  |  |  | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 8' | 5' * | 47 | 0.94 | 37 | 0.94 | 12' | 7' ** | 16 | 0.32 | 18 | 0.46 | 16' | 9' *** | 10 | 0.20 | 8 | 0.20 | Delivered<br>Illuminance<br>Rating: (DIR) |  | 50 FC per W/Sq. Ft. |  | 39 FC per W/Sq. Ft. |  | 2' Suspension Length<br>Square rooms used for multiple units:<br>- RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00<br>- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50<br>* Average Footcandles at 2.5' Above Floor<br>* Exceeds spacing criteria by 79%<br>** Exceeds spacing criteria by 17%<br>*** Exceeds spacing criteria by -2% |  |  |  |  |  |
| 0.00°                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0.00° 387                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 20.00° 257                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 40.00° 181                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 60.00° 118                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 80.00° 98                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 90.00° 79                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 100.00° 76                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 110.00° 64                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 120.00° 39                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 140.00° 2                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 160.00° 1                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 180.00° 1                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0° - 20°                                                                                                                                                                                                                                                                                                                                   | 121                                                                                                                                                                                                                                                                                                                                                                              | 11%                                                                                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 20° - 50°                                                                                                                                                                                                                                                                                                                                  | 350                                                                                                                                                                                                                                                                                                                                                                              | 31%                                                                                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 50° - 80°                                                                                                                                                                                                                                                                                                                                  | 332                                                                                                                                                                                                                                                                                                                                                                              | 29%                                                                                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 80° - 90°                                                                                                                                                                                                                                                                                                                                  | 97                                                                                                                                                                                                                                                                                                                                                                               | 9%                                                                                   |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0° - 90°                                                                                                                                                                                                                                                                                                                                   | 900                                                                                                                                                                                                                                                                                                                                                                              | 79%                                                                                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 90° - 120°                                                                                                                                                                                                                                                                                                                                 | 210                                                                                                                                                                                                                                                                                                                                                                              | 18%                                                                                  |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 120° - 150°                                                                                                                                                                                                                                                                                                                                | 31                                                                                                                                                                                                                                                                                                                                                                               | 3%                                                                                   |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Total                                                                                                                                                                                                                                                                                                                                      | 1,142                                                                                                                                                                                                                                                                                                                                                                            | 100%                                                                                 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Mounting Height<br>AFF                                                                                                                                                                                                                                                                                                                     | FC at Center on<br>Floor                                                                                                                                                                                                                                                                                                                                                         |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 5.5'                                                                                                                                                                                                                                                                                                                                       | 13 fc                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 6.5'                                                                                                                                                                                                                                                                                                                                       | 9 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 7.5'                                                                                                                                                                                                                                                                                                                                       | 7 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 8.5'                                                                                                                                                                                                                                                                                                                                       | 5 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 10.0'                                                                                                                                                                                                                                                                                                                                      | 4 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 12.0'                                                                                                                                                                                                                                                                                                                                      | 3 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 14.0'                                                                                                                                                                                                                                                                                                                                      | 2 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 16.0'                                                                                                                                                                                                                                                                                                                                      | 2 fc                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Ceiling<br>Height                                                                                                                                                                                                                                                                                                                          | Fixture<br>Spacing                                                                                                                                                                                                                                                                                                                                                               | RCR 2                                                                                |                                                                            | RCR 4                                                                                                  |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                  | FC *                                                                                 | W/Sq. Ft.                                                                  | FC *                                                                                                   | W/Sq. Ft.  |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 8'                                                                                                                                                                                                                                                                                                                                         | 5' *                                                                                                                                                                                                                                                                                                                                                                             | 47                                                                                   | 0.94                                                                       | 37                                                                                                     | 0.94       |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 12'                                                                                                                                                                                                                                                                                                                                        | 7' **                                                                                                                                                                                                                                                                                                                                                                            | 16                                                                                   | 0.32                                                                       | 18                                                                                                     | 0.46       |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 16'                                                                                                                                                                                                                                                                                                                                        | 9' ***                                                                                                                                                                                                                                                                                                                                                                           | 10                                                                                   | 0.20                                                                       | 8                                                                                                      | 0.20       |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Delivered<br>Illuminance<br>Rating: (DIR)                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  | 50 FC per W/Sq. Ft.                                                                  |                                                                            | 39 FC per W/Sq. Ft.                                                                                    |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 2' Suspension Length<br>Square rooms used for multiple units:<br>- RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00<br>- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50<br>* Average Footcandles at 2.5' Above Floor<br>* Exceeds spacing criteria by 79%<br>** Exceeds spacing criteria by 17%<br>*** Exceeds spacing criteria by -2% |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Delivered Lumens: 1,142<br>Luminaire Watts: 18<br>LER: 63.44                                                                                                                                                                                                                                                                               | CP at 0deg (Nadir): 387<br>CRI: 85+                                                                                                                                                                                                                                                                                                                                              | Lamp Multiplier: 15L x 0.573<br>CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03 |                                                                            |                                                                                                        |            |            |           |           |            |            |            |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |

TA1610GV-27L-35K-EX-FJ1-MB

| CANDLEPOWER CURVE                                                                                                                                                                                                                                                                                                                          | INTENSITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ZONAL LUMENS        | SINGLE UNIT: PERFORMANCE<br>INITIAL FOOTCANDLES<br>BASED ON IES BEAM ANGLE | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------|--------|-----|--------|-----|--------|-----|--------|----|--------|----|---------|----|---------|----|---------|----|---------|---|---------|---|---------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-----|-----------|-----|-----|-----------|-----|-----|-----------|----|----|----------|-----|-----|------------|-----|-----|-------------|----|----|-------|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|------|-------|------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|-------|--|-------|--|--|--|------|-----------|------|-----------|----|------|----|------|----|------|-----|-------|----|------|----|------|-----|--------|----|------|---|------|-------------------------------------------|--|---------------------|--|---------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|                                                                                                                                                                                                                                                         | <table><tr><th></th><th>0.00°</th></tr><tr><td>0.00°</td><td>389</td></tr><tr><td>20.00°</td><td>255</td></tr><tr><td>40.00°</td><td>184</td></tr><tr><td>60.00°</td><td>120</td></tr><tr><td>80.00°</td><td>79</td></tr><tr><td>90.00°</td><td>76</td></tr><tr><td>100.00°</td><td>74</td></tr><tr><td>110.00°</td><td>68</td></tr><tr><td>120.00°</td><td>49</td></tr><tr><td>140.00°</td><td>4</td></tr><tr><td>160.00°</td><td>1</td></tr><tr><td>180.00°</td><td>1</td></tr></table> |                     | 0.00°                                                                      | 0.00°                                                                                                  | 389       | 20.00° | 255 | 40.00° | 184 | 60.00° | 120 | 80.00° | 79 | 90.00° | 76 | 100.00° | 74 | 110.00° | 68 | 120.00° | 49 | 140.00° | 4 | 160.00° | 1 | 180.00° | 1 | <table><tr><th>0° - 20°</th><th>120</th><th>11%</th></tr><tr><th>20° - 50°</th><td>355</td><td>32%</td></tr><tr><th>50° - 80°</th><td>303</td><td>27%</td></tr><tr><th>80° - 90°</th><td>87</td><td>8%</td></tr><tr><th>0° - 90°</th><td>865</td><td>77%</td></tr><tr><th>90° - 120°</th><td>215</td><td>19%</td></tr><tr><th>120° - 150°</th><td>43</td><td>4%</td></tr><tr><th>Total</th><td>1,125</td><td>100%</td></tr></table> | 0° - 20° | 120 | 11% | 20° - 50° | 355 | 32% | 50° - 80° | 303 | 27% | 80° - 90° | 87 | 8% | 0° - 90° | 865 | 77% | 90° - 120° | 215 | 19% | 120° - 150° | 43 | 4% | Total | 1,125 | 100% | <table><tr><th>Mounting Height<br/>AFF</th><th>FC at Center on<br/>Floor</th></tr><tr><td>5.5'</td><td>13 fc</td></tr><tr><td>6.5'</td><td>9 fc</td></tr><tr><td>7.5'</td><td>7 fc</td></tr><tr><td>8.5'</td><td>5 fc</td></tr><tr><td>10.0'</td><td>4 fc</td></tr><tr><td>12.0'</td><td>3 fc</td></tr><tr><td>14.0'</td><td>2 fc</td></tr><tr><td>16.0'</td><td>2 fc</td></tr></table> | Mounting Height<br>AFF | FC at Center on<br>Floor | 5.5' | 13 fc | 6.5' | 9 fc | 7.5' | 7 fc | 8.5' | 5 fc | 10.0' | 4 fc | 12.0' | 3 fc | 14.0' | 2 fc | 16.0' | 2 fc | <table><tr><th>Ceiling<br/>Height</th><th>Fixture<br/>Spacing</th><th colspan="2">RCR 2</th><th colspan="2">RCR 4</th></tr><tr><td></td><td></td><td>FC *</td><td>W/Sq. Ft.</td><td>FC *</td><td>W/Sq. Ft.</td></tr><tr><td>8'</td><td>5' *</td><td>47</td><td>0.94</td><td>37</td><td>0.94</td></tr><tr><td>12'</td><td>7' **</td><td>16</td><td>0.32</td><td>18</td><td>0.46</td></tr><tr><td>16'</td><td>9' ***</td><td>10</td><td>0.20</td><td>8</td><td>0.20</td></tr><tr><td colspan="2">Delivered<br/>Illuminance<br/>Rating: (DIR)</td><td colspan="2">50 FC per W/Sq. Ft.</td><td colspan="2">39 FC per W/Sq. Ft.</td></tr><tr><td colspan="6">2' Suspension Length<br/>Square rooms used for multiple units:<br/>- RCR 2: Length &amp; Width = Ceiling Ht. - 4.5' x 5.00<br/>- RCR 4: Length &amp; Width = Ceiling Ht. - 4.5' x 2.50<br/>* Average Footcandles at 2.5' Above Floor<br/>* Exceeds spacing criteria by 81%<br/>** Exceeds spacing criteria by 18%<br/>*** Exceeds spacing criteria by -1%</td></tr></table> | Ceiling<br>Height | Fixture<br>Spacing | RCR 2 |  | RCR 4 |  |  |  | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 8' | 5' * | 47 | 0.94 | 37 | 0.94 | 12' | 7' ** | 16 | 0.32 | 18 | 0.46 | 16' | 9' *** | 10 | 0.20 | 8 | 0.20 | Delivered<br>Illuminance<br>Rating: (DIR) |  | 50 FC per W/Sq. Ft. |  | 39 FC per W/Sq. Ft. |  | 2' Suspension Length<br>Square rooms used for multiple units:<br>- RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00<br>- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50<br>* Average Footcandles at 2.5' Above Floor<br>* Exceeds spacing criteria by 81%<br>** Exceeds spacing criteria by 18%<br>*** Exceeds spacing criteria by -1% |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                            | 0.00°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0.00°                                                                                                                                                                                                                                                                                                                                      | 389                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 20.00°                                                                                                                                                                                                                                                                                                                                     | 255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 40.00°                                                                                                                                                                                                                                                                                                                                     | 184                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 60.00°                                                                                                                                                                                                                                                                                                                                     | 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 80.00°                                                                                                                                                                                                                                                                                                                                     | 79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 90.00°                                                                                                                                                                                                                                                                                                                                     | 76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 100.00°                                                                                                                                                                                                                                                                                                                                    | 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 110.00°                                                                                                                                                                                                                                                                                                                                    | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 120.00°                                                                                                                                                                                                                                                                                                                                    | 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 140.00°                                                                                                                                                                                                                                                                                                                                    | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 160.00°                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 180.00°                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0° - 20°                                                                                                                                                                                                                                                                                                                                   | 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11%                 |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 20° - 50°                                                                                                                                                                                                                                                                                                                                  | 355                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32%                 |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 50° - 80°                                                                                                                                                                                                                                                                                                                                  | 303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 27%                 |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 80° - 90°                                                                                                                                                                                                                                                                                                                                  | 87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8%                  |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 0° - 90°                                                                                                                                                                                                                                                                                                                                   | 865                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 77%                 |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 90° - 120°                                                                                                                                                                                                                                                                                                                                 | 215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 19%                 |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 120° - 150°                                                                                                                                                                                                                                                                                                                                | 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4%                  |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Total                                                                                                                                                                                                                                                                                                                                      | 1,125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100%                |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Mounting Height<br>AFF                                                                                                                                                                                                                                                                                                                     | FC at Center on<br>Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 5.5'                                                                                                                                                                                                                                                                                                                                       | 13 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 6.5'                                                                                                                                                                                                                                                                                                                                       | 9 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 7.5'                                                                                                                                                                                                                                                                                                                                       | 7 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 8.5'                                                                                                                                                                                                                                                                                                                                       | 5 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 10.0'                                                                                                                                                                                                                                                                                                                                      | 4 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 12.0'                                                                                                                                                                                                                                                                                                                                      | 3 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 14.0'                                                                                                                                                                                                                                                                                                                                      | 2 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 16.0'                                                                                                                                                                                                                                                                                                                                      | 2 fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Ceiling<br>Height                                                                                                                                                                                                                                                                                                                          | Fixture<br>Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | RCR 2               |                                                                            | RCR 4                                                                                                  |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FC *                | W/Sq. Ft.                                                                  | FC *                                                                                                   | W/Sq. Ft. |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 8'                                                                                                                                                                                                                                                                                                                                         | 5' *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 47                  | 0.94                                                                       | 37                                                                                                     | 0.94      |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 12'                                                                                                                                                                                                                                                                                                                                        | 7' **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16                  | 0.32                                                                       | 18                                                                                                     | 0.46      |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 16'                                                                                                                                                                                                                                                                                                                                        | 9' ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10                  | 0.20                                                                       | 8                                                                                                      | 0.20      |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Delivered<br>Illuminance<br>Rating: (DIR)                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50 FC per W/Sq. Ft. |                                                                            | 39 FC per W/Sq. Ft.                                                                                    |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 2' Suspension Length<br>Square rooms used for multiple units:<br>- RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00<br>- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50<br>* Average Footcandles at 2.5' Above Floor<br>* Exceeds spacing criteria by 81%<br>** Exceeds spacing criteria by 18%<br>*** Exceeds spacing criteria by -1% |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                                            |                                                                                                        |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| Delivered Lumens: 1,125<br>Luminaire Watts: 18<br>LER: 62.50                                                                                                                                                                                                                                                                               | CP at 0deg (Nadir): 389<br>CRI: 85+                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                            | Lamp Multiplier: 15L x 0.573<br>CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03                   |           |        |     |        |     |        |     |        |    |        |    |         |    |         |    |         |    |         |   |         |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |     |           |     |     |           |     |     |           |    |    |          |     |     |            |     |     |             |    |    |       |       |      |                                                                                                                                                                                                                                                                                                                                                                                         |                        |                          |      |       |      |      |      |      |      |      |       |      |       |      |       |      |       |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                    |       |  |       |  |  |  |      |           |      |           |    |      |    |      |    |      |     |       |    |      |    |      |     |        |    |      |   |      |                                           |  |                     |  |                     |  |                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |



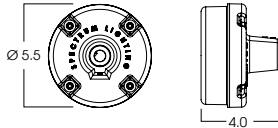
# MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

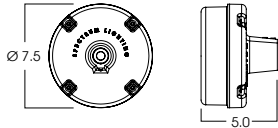


## WALL MOUNTING

**CP104 - SMALL DRIVER CANOPY (STANDARD)**  
MAY BE USED AS SPLICE BOX FOR DIRECT FEED  
NOT AVAILABLE W/ PA16 & PA16F



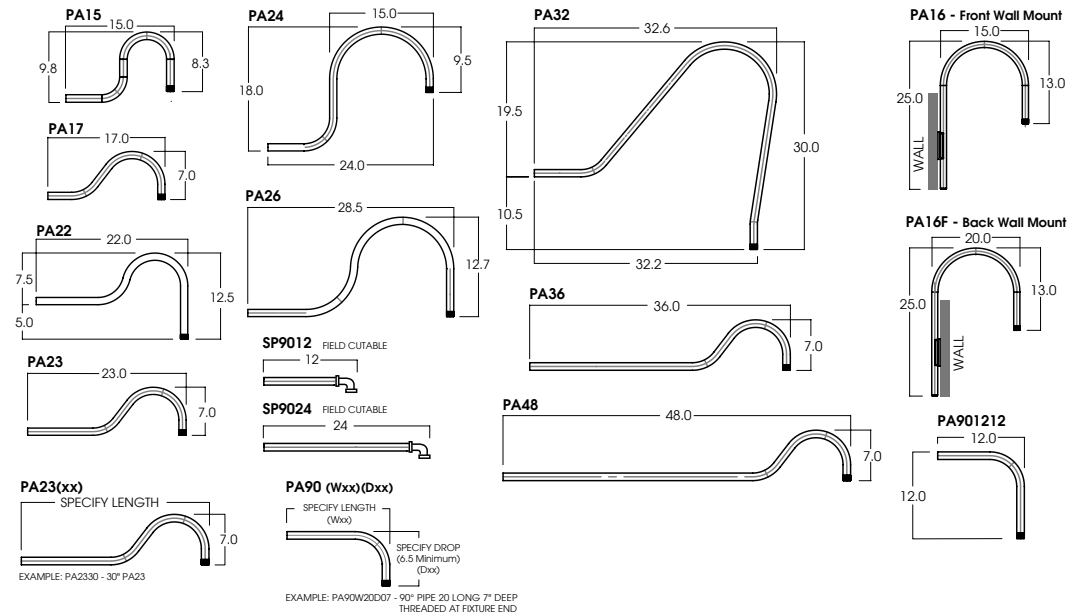
**CP106 - LARGE DRIVER CANOPY**  
MAY BE USED AS SPLICE BOX FOR DIRECT FEED



**CP6/RMD - REMOTE MOUNT DRIVER**  
MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

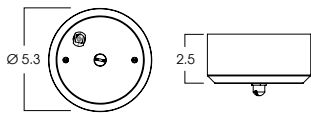


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

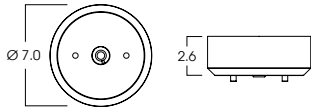


## CEILING MOUNTING

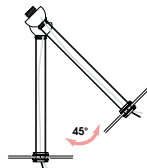
**RDC5 - SMALL DRIVER CANOPY (STANDARD)**  
MOUNTS TO 4" OCTO J-BOX



**CP13 - LARGE DRIVER CANOPY**



**HM\***  
HANG STRAIGHT  
45° SWIVEL 5/8" OD STEM - 3/8" IP



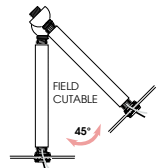
ORDER: HM (Length)  
SPECIFY LENGTH:  
HM3 - 3" HM24 - 24"  
HM6 - 6" HM36 - 36"  
HM12 - 12" HM48 - 48"  
HM18 - 18" HM72 - 72"  
HMLC(XX)  
Custom Length  
(Specify in Inches)

**PM\***  
RIGID PENDANT MOUNT  
RIGID 5/8" OD STEM - 3/8" IP



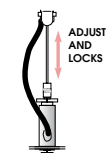
ORDER: PM (Length)  
SPECIFY LENGTH:  
PM3 - 3" PM24 - 24"  
PM6 - 6" PM36 - 36"  
PM12 - 12" PM48 - 48"  
PM18 - 18" PM72 - 72"  
PMLC(XX)  
Custom Length  
(Specify in Inches)

**AT\*\***  
HANG STRAIGHT ALL THREAD  
45° SWIVEL 5/8" OD STEM - 1/4" IP



ORDER: AT (Length)  
SPECIFY LENGTH:  
AT12 - 12"  
AT24 - 24"  
AT36 - 36"  
AT48 - 48"  
AT60 - 60"  
AT72 - 72"  
FIELD CUT THREADED PIPE TO LENGTH NEEDED CUT PIPE COVER SHIP THREADED PIPE SUPPLY COVER COVER THREADED PIPE

**CD**  
CORD / CABLE MOUNT  
SJ CORD WITH 1/16 SS CABLE



ORDER: CD (Length)  
SPECIFY LENGTH:  
CD36 - 36"  
CD72 - 72"  
CD144 - 144"  
CDLC(XX)  
Custom Length  
(Specify in Inches)

**CM**  
CORD MOUNT  
SJ CORD WITH STRAIN RELIEF

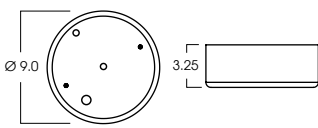


ORDER: CM (Length)  
SPECIFY LENGTH:  
CM36 - 36"  
CM72 - 72"  
CM144 - 144"  
CMLC(XX)  
Custom Length  
(Specify in Inches)

\*MAXIMUM ONE PIECE STEM LENGTH IS 72". \*\*MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.  
\*\*ORDER IN 12" INCREMENTS. ODD SIZES MAY BE FIELD CUT

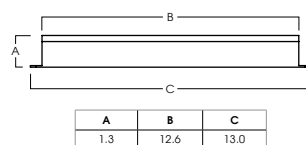
## EMERGENCY BATTERY OPTIONS

**EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY**

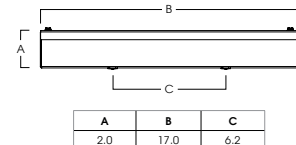


## REMOTE EMERGENCY BATTERY OPTIONS

**EMRM\* - 7W REMOTE EMERGENCY BATTERY (50' MAX)**



**EMEN\* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)**



\*OTHER EM BATTERY SIZES AVAILABLE. CONTACT FACTORY.



# COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.  
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



## STANDARD CORD / STEM / CANOPY FINISHES

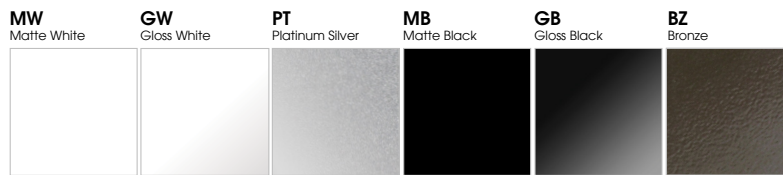
| FIXTURE COLOR                            | STANDARD CORD COLOR | STANDARD CANOPY / STEM COLOR |
|------------------------------------------|---------------------|------------------------------|
| Matte White, Textured White              | Matte White         | Matte White                  |
| Gloss White                              | Matte White         | Gloss White                  |
| Matte Black, Gloss Black, Textured Black | Matte Black         | Matte Black                  |
| All Others                               | Matte Black         | Same Color as Fixture        |
| Custom Color                             | Contact Factory     | Contact Factory              |

## PAINT TIMES

| TIER                            | COST            | AVERAGE PAINT TIME* |
|---------------------------------|-----------------|---------------------|
| Tier 1 - Standard Finishes      | \$              | ①                   |
| Tier 2 - Typical Finishes       | \$\$            | ①①                  |
| Tier 3 - Special Metal Finishes | \$\$\$          | ①①①                 |
| Custom Color                    | Contact Factory | Contact Factory     |

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

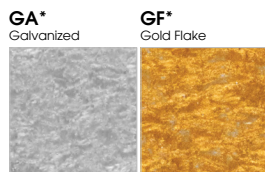
## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## TIER 3 - SPECIAL METAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

CC  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

