

IF03

3" ROUND RECESSED

Spectrum's Infinium 3" recessed round downlight series features multiple housings and variety of trims for accent and general illumination.

| NOMINAL LUMENS / WATTAGE DATA | | | | |
|-------------------------------|-----------|-------------------------------|--------------|-----|
| PART NUMBER | CCT RANGE | DELIVERED LUMENS ¹ | SYSTEM WATTS | LPW |
| IF03RMF 007 PC | 835 | 537 | 7 | 73 |
| IF03RMF 010 PC | 835 | 751 | 9 | 81 |
| IF03RMF 015 PC | 835 | 1046 | 12 | 86 |
| IF03RMF 020 PC | 835 | 1341 | 15 | 89 |
| IF03RMF 030 PC | 835 | 2012 | 20.4 | 99 |

¹ Nominal Delivered Lumens at 835 DL FLGP MW at DD1 020 DL FL GP MW

PROJECT: _____
 QUANTITY: _____ TYPE: _____



PRODUCT SELECTOR GUIDE

| SERIES | TYPE | EMITTER | CRI/CCT | LUMENS | OPTIONS | DIMMING | MOUNTING | BATTERY | TRIM | BEAM | LENS | FINISH | FLANGE FINISH | OPTIONS | ADDITIONAL ACCESSORIES |
|---------|------|---------|---------|--------|---------|---------|----------|---------|------|------|------|--------|---------------|---------|------------------------|
| IF03RMF | NC | PC | 835 | O10 | | N11 | B1 | | DL | SP | GN | MW | MF | WL | GRIF03R |

FIXTURE HOUSING SPECIFICATION

| SERIES | TYPE | EMITTER | CRI / CCT | LUMENS | OPTIONS | DIMMING | MOUNTING | BATTERY | |
|----------------------|--------|------------------------|-------------------------|--------------------------|---------------------------------|--|-------------------|--|---------------------------|
| SHALLOW | | PC | 90 Minimum | 007 537 Lm | PR 1.25" Ceiling Extension | N1 Non-Dimming Electronic Driver D1 1%, 0-10V | 1 120V 2 277V | E1 7W Integral Battery ER 7W Remote Battery | |
| IF03RMF | Flange | | NC New Construction | 010 751 Lm | | | | | B1 Expandable Bar Hangers |
| | | | IC New Construction | 015 1046 Lm | | | | | |
| | | | RT Remodel Construction | 020 ³ 1341 Lm | | | | | |
| | | | | 030 ³ 2012 Lm | | | | | |
| SUPER SHALLOW | | 80 CRI | | | | | | | |
| IF03RSF ¹ | Flange | IC IC New Construction | 827 2700K | | D3 1%, ELV/MLV Phase-Cut (120V) | 1 120V | BO No Bar Hangers | | |
| | | | 830 3000K | | | | | | |
| | | | 835 3500K | | | | | | |
| | | | 840 4000K | | | | | | |

¹ IF03RSF are only available in IC ² 822 Not Available with 30L ³ Not Available with IF03RSF ⁴ E1 is not available with IF03RSF

AVAILABLE TRIM / MODULE TYPES



TRIM / MODULE SPECIFICATION

| TRIM | BEAM | LENS | FINISH | FLANGE FINISH ⁹ | OPTIONS |
|----------------------|-----------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|
| DL Downlight | SP Spot (24°) | GN ⁸ No Lens | MW Matte White | MF Matching Flange | WL ¹¹ Wet Location |
| PH Pinhole Downlight | NF Narrow Flood (28°) | GP Solite™ Micro Prism Lens | MB Matte Black | WF ¹⁰ White Flange | |
| | FL Flood (38°) | GC Clear Glass Lens | PT Platinum Silver | | |
| | WF Wide Flood (61°) | | CC Custom Color | | |
| AA Adjustable Accent | NF Narrow Flood (35°) | | | | |
| | FL Flood (43°) | | | | |
| | WF Wide Flood (48°) | | | | |
| WW Wall Wash | WF Wide Flood | LW Wall Wash Lens | | | |

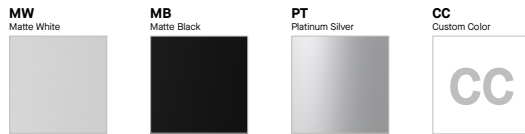
⁸ Not Available in Wet Location ⁹ Not Available with PH Trim 10 For Use with Non-White Trim Finish ¹¹ Requires GP or GC Lens

SEPARATE

| ADDITIONAL ACCESSORIES | |
|------------------------|---------------------------|
| GOOF RING | |
| GRIF03R | MW Matte White |
| | MB Matte Black |
| | PT Platinum Silver |
| | CC Custom Color |
| BAR HANGERS | |
| B2 | 27" Solid Bar Hangers |
| B4 | 24" C-Channel Bar Hangers |

GREEN TEXT INDICATES QUICK SHIP OPTIONS



FINISH**PRODUCT FEATURES**

- Versatile shallow plenum 3" round recessed LED luminaire features downlight, adjustable accent, wall wash and pinhole downlight trim options with new construction, insulated ceiling and retrofit housings.
- Two-stage optical systems for smooth light distribution and focus control. Tool-less driver and j-box access. "Posi-lock" trim retention springs. All frames are capable of installation in ceiling thicknesses from 1/16" to 1" thick.

Trim Finish

- A variety of architectural trim finish options utilizing powdercoat colors. Matte White flange is an option for non-white finishes

Electronics

- LED module features high brightness Philips LEDs. 3-step MacAdam Ellipse binning and 80 and 90 CRI available. 0-10V or phase-cut dimming to 1%, standard. Variety of 120V/277V drivers available, consult factory. 2200K closely resembles candle light or high pressure sodium lamps.
- Variety of electronic 120/277V and Dimming options are available. Emergency backup version available as standard option.

Construction

- Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Self-flanged one piece die-cast aluminum trim is finished to specification. Passive machined aluminum heatsink.

Code Compliance

- ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet Location. Manufactured and tested to UL standards No. 1598/8750. Insulated Ceiling (IC) options available.
- Designed, manufactured, and assembled in Fall River, MA, BAA compliant.
- Recyclable materials utilized wherever possible.

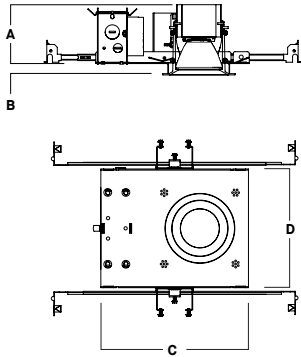
Quick Ship

- Quick Ship highlights products that can ship in 3 - 5 working days.

HOUSING DIMENSIONS

IF03RMF NC - New Construction

Non-IC rated, thermally protected frame-in kit for new construction. Non-IC designation requires insulation must be minimum of 3" from housing.



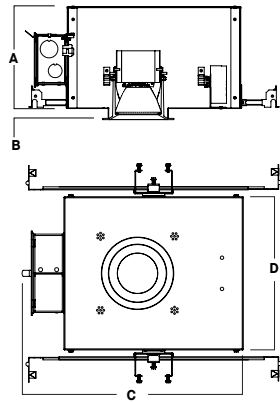
| A | B | C | D |
|----------|---------|----------|----------|
| 4.5 | .625 | 9.5 | 7.6 |
| 114.3 mm | 15.9 mm | 241.3 mm | 193.0 mm |

Fixture Weight: 4.0 lbs

Ceiling Cutout: Ø 3"™

IF03RMF IC - IC New Construction

IC rated frame-in kit for new construction with direct insulation contact.



| A | B | C | D |
|----------|---------|----------|----------|
| 6.5 | .625 | 13.2 | 9.5 |
| 165.1 mm | 15.9 mm | 335.3 mm | 241.3 mm |

Fixture Weight: 5.0 lbs

Ceiling Cutout: Ø 3"™

IF03RSF IC - Super Shallow IC New Construction

IC rated frame-in kit for new construction with direct insulation contact.



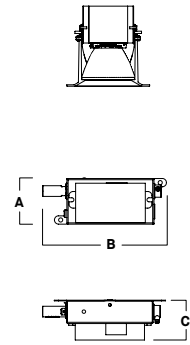
| A | B | C | D |
|----------|---------|----------|----------|
| 4.0 | .625 | 13.2 | 9.5 |
| 101.6 mm | 15.9 mm | 335.3 mm | 241.3 mm |

Fixture Weight: 5.0 lbs

Ceiling Cutout: Ø 3"™

IF03RMF RT - Remodel Construction

Non-IC rated frame-in kit for existing construction. Non-IC designation requires insulation must be minimum of 3" from housing.



| A | B | C |
|---------|----------|---------|
| 2.8 | 7.5 | 2.4 |
| 71.1 mm | 190.5 mm | 61.0 mm |

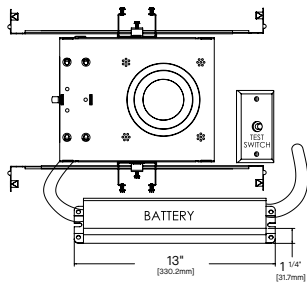
Fixture Weight: 2.0 lbs

Ceiling Cutout: Ø 3"™

EMERGENCY BATTERY

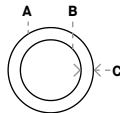
EM - 3" EM Option

EM requires above ceiling access, supplied with remote mounted test switch. Not available in IC Housing.



ADDITIONAL ACCESSORIES

GRIF03R - 3" Round Goof Ring



| A | B | C |
|----------|---------|---------|
| Ø 5.3 | Ø 3.7 | 0.8 |
| 134.6 mm | 94.0 mm | 20.3 mm |

OPTICS

SP - Spot (24°)



NF - Narrow Flood (28°)



FL - Flood (38°)



WF - Wide Flood (61°)



AA - Adjustable Accent



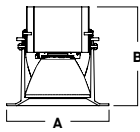
WW - Wall Wash



TRIM / MODULE DIMENSIONS

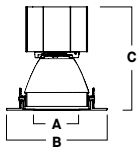
30L SHALLOW HOUSING (IF03RMF) TRIMS

DL - Downlight Shallow Flange



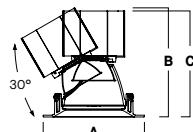
| A | B |
|----------|----------|
| 4.5 | 4.6 |
| 114.3 mm | 116.8 mm |

PH - Pinhole Flange



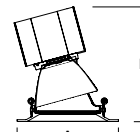
| A | B | C |
|---------|----------|----------|
| 2.0 | 4.5 | 4.8 |
| 50.8 mm | 114.3 mm | 121.9 mm |

AA - 30° Adjustable Shallow Flange



| A | B | C |
|----------|----------|----------|
| 4.5 | 5.0 | 4.9 |
| 114.3 mm | 127.0 mm | 124.5 mm |

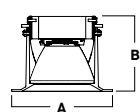
WW - Wall Wash Flange



| A | B |
|----------|----------|
| 4.5 | 5.2 |
| 114.3 mm | 132.1 mm |

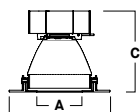
07L - 20L SHALLOW HOUSING (IF03RMF) TRIMS & SUPER SHALLOW HOUSING (IF03RSF) TRIMS

DL - Downlight Shallow Flange



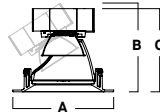
| A | B |
|----------|---------|
| 4.5 | 3.6 |
| 114.3 mm | 91.4 mm |

PH - Pinhole Flange



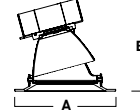
| A | B | C |
|---------|----------|---------|
| 2.0 | 4.5 | 3.8 |
| 50.8 mm | 114.3 mm | 96.5 mm |

AA - 30° Adjustable Shallow Flange



| A | B | C |
|----------|----------|---------|
| 4.5 | 4.0 | 3.9 |
| 114.3 mm | 101.6 mm | 99.1 mm |

WW - Wall Wash Flange



| A | B |
|----------|----------|
| 4.5 | 4.1 |
| 114.3 mm | 104.1 mm |

IF03RMx xx 835 020 DLSPGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00760_2 | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------------|------------------|---|--|--|---------------|-----------------|----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|------|-----------|------|------|----------|-------|------|----------|-------|------|--|----------------|-----------------|-------|--|-------|--|--|--|------|-----------|------|-----------|-----|----|----|------|----|------|-----|----|----|------|----|------|-----|----|----|------|----|------|
| | 0° | 0° - 10° 356 26% | Mounting Height AFF | <table border="1"> <thead> <tr> <th>FC at Center on Floor</th> <th>Beam Diameter</th> <th>FC at Beam Edge</th> </tr> </thead> <tbody> <tr> <td>8' 74 fc</td> <td>3.4'</td> <td>35 fc</td> </tr> <tr> <td>10' 47 fc</td> <td>4.2'</td> <td>22 fc</td> </tr> <tr> <td>12' 33 fc</td> <td>5.1'</td> <td>15 fc</td> </tr> <tr> <td>14' 24 fc</td> <td>5.9'</td> <td>11 fc</td> </tr> <tr> <td>16' 18 fc</td> <td>6.8'</td> <td>9 fc</td> </tr> <tr> <td>20' 12 fc</td> <td>8.4'</td> <td>6 fc</td> </tr> <tr> <td>24' 8 fc</td> <td>10.1'</td> <td>4 fc</td> </tr> <tr> <td>28' 6 fc</td> <td>11.8'</td> <td>3 fc</td> </tr> </tbody> </table> | FC at Center on Floor | Beam Diameter | FC at Beam Edge | 8' 74 fc | 3.4' | 35 fc | 10' 47 fc | 4.2' | 22 fc | 12' 33 fc | 5.1' | 15 fc | 14' 24 fc | 5.9' | 11 fc | 16' 18 fc | 6.8' | 9 fc | 20' 12 fc | 8.4' | 6 fc | 24' 8 fc | 10.1' | 4 fc | 28' 6 fc | 11.8' | 3 fc | <table border="1"> <thead> <tr> <th>Ceiling Height</th> <th>Fixture Spacing</th> <th colspan="2">RCR 4</th> <th colspan="2">RCR 6</th> </tr> <tr> <td></td> <td></td> <th>FC *</th> <th>W/Sq. Ft.</th> <th>FC *</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>18'</td> <td>4'</td> <td>68</td> <td>0.81</td> <td>63</td> <td>0.82</td> </tr> <tr> <td>22'</td> <td>6'</td> <td>34</td> <td>0.40</td> <td>28</td> <td>0.36</td> </tr> <tr> <td>26'</td> <td>8'</td> <td>18</td> <td>0.21</td> <td>19</td> <td>0.25</td> </tr> </tbody> </table> | Ceiling Height | Fixture Spacing | RCR 4 | | RCR 6 | | | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 18' | 4' | 68 | 0.81 | 63 | 0.82 | 22' | 6' | 34 | 0.40 | 28 | 0.36 | 26' | 8' | 18 | 0.21 | 19 | 0.25 |
| | FC at Center on Floor | Beam Diameter | FC at Beam Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8' 74 fc | 3.4' | 35 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10' 47 fc | 4.2' | 22 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12' 33 fc | 5.1' | 15 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14' 24 fc | 5.9' | 11 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16' 18 fc | 6.8' | 9 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20' 12 fc | 8.4' | 6 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24' 8 fc | 10.1' | 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28' 6 fc | 11.8' | 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ceiling Height | Fixture Spacing | RCR 4 | | RCR 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18' | 4' | 68 | 0.81 | 63 | 0.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22' | 6' | 34 | 0.40 | 28 | 0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26' | 8' | 18 | 0.21 | 19 | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0° | 0° - 20° 832 61% | 8' 74 fc | 3.4' | 35 fc | Delivered Illuminance Rating: (DIR) 84 FC per W/Sq. Ft. 77 FC per W/Sq. Ft. Recessed mounting Square rooms used for multiple units: RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 RCR 6: Length & Width = Ceiling Ht. - 2.5' x 1.66 * Average Footcandles at 2.5' Above Floor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5° | 0° - 30° 1145 84% | 10' 47 fc | 4.2' | 22 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15° | 0° - 40° 1285 94% | 12' 33 fc | 5.1' | 15 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25° | 0° - 60° 1340 98% | 14' 24 fc | 5.9' | 11 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35° | 0° - 80° 1363 100% | 16' 18 fc | 6.8' | 9 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45° | 0° - 90° 1364 100% | 20' 12 fc | 8.4' | 6 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55° | Total 1365 100% | 24' 8 fc | 10.1' | 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90° | 1 | 28' 6 fc | 11.8' | 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Delivered Lumens: 1365
Luminaire Watts: 15
LER: 91.00

CP at 0° (Nadir): 4733
CRI: 80

Beam Angle: 24°
Spacing Ratio: 0.40

Lumen Multiplier: 07L x 0.40, 10L x 0.56, 15L x 0.78
CCT Multiplier: 40K x 1.03

IF03RMx xx 835 020 DLNFGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00759_2 | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------------|------------------|---|--|--|---------------|-----------------|----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|------|-----------|------|------|-----------|-------|------|----------|-------|------|----------|-------|------|---|----------------|-----------------|-------|--|-------|--|--|--|------|-----------|------|-----------|-----|----|----|------|----|------|-----|----|----|------|----|------|-----|-----|----|------|----|------|
| | 0° | 0° - 10° 315 23% | Mounting Height AFF | <table border="1"> <thead> <tr> <th>FC at Center on Floor</th> <th>Beam Diameter</th> <th>FC at Beam Edge</th> </tr> </thead> <tbody> <tr> <td>8' 60 fc</td> <td>4.1'</td> <td>27 fc</td> </tr> <tr> <td>10' 38 fc</td> <td>5.1'</td> <td>17 fc</td> </tr> <tr> <td>12' 26 fc</td> <td>6.1'</td> <td>12 fc</td> </tr> <tr> <td>14' 19 fc</td> <td>7.1'</td> <td>9 fc</td> </tr> <tr> <td>16' 15 fc</td> <td>8.1'</td> <td>7 fc</td> </tr> <tr> <td>20' 10 fc</td> <td>10.2'</td> <td>4 fc</td> </tr> <tr> <td>24' 7 fc</td> <td>12.2'</td> <td>3 fc</td> </tr> <tr> <td>28' 5 fc</td> <td>14.2'</td> <td>2 fc</td> </tr> </tbody> </table> | FC at Center on Floor | Beam Diameter | FC at Beam Edge | 8' 60 fc | 4.1' | 27 fc | 10' 38 fc | 5.1' | 17 fc | 12' 26 fc | 6.1' | 12 fc | 14' 19 fc | 7.1' | 9 fc | 16' 15 fc | 8.1' | 7 fc | 20' 10 fc | 10.2' | 4 fc | 24' 7 fc | 12.2' | 3 fc | 28' 5 fc | 14.2' | 2 fc | <table border="1"> <thead> <tr> <th>Ceiling Height</th> <th>Fixture Spacing</th> <th colspan="2">RCR 3</th> <th colspan="2">RCR 5</th> </tr> <tr> <td></td> <td></td> <th>FC *</th> <th>W/Sq. Ft.</th> <th>FC *</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>14'</td> <td>6"</td> <td>32</td> <td>0.37</td> <td>36</td> <td>0.45</td> </tr> <tr> <td>18'</td> <td>8"</td> <td>18</td> <td>0.20</td> <td>20</td> <td>0.25</td> </tr> <tr> <td>22'</td> <td>10"</td> <td>15</td> <td>0.17</td> <td>12</td> <td>0.16</td> </tr> </tbody> </table> | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 | | | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 14' | 6" | 32 | 0.37 | 36 | 0.45 | 18' | 8" | 18 | 0.20 | 20 | 0.25 | 22' | 10" | 15 | 0.17 | 12 | 0.16 |
| | FC at Center on Floor | Beam Diameter | FC at Beam Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8' 60 fc | 4.1' | 27 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10' 38 fc | 5.1' | 17 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12' 26 fc | 6.1' | 12 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14' 19 fc | 7.1' | 9 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16' 15 fc | 8.1' | 7 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20' 10 fc | 10.2' | 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24' 7 fc | 12.2' | 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28' 5 fc | 14.2' | 2 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14' | 6" | 32 | 0.37 | 36 | 0.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18' | 8" | 18 | 0.20 | 20 | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22' | 10" | 15 | 0.17 | 12 | 0.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0° | 0° - 20° 801 59% | 8' 60 fc | 4.1' | 27 fc | Delivered Illuminance Rating: (DIR) 87 FC per W/Sq. Ft. 79 FC per W/Sq. Ft. Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor ** Exceeds Spacing Ratio by 11% *** Exceeds Spacing Ratio by 9% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5° | 0° - 30° 1124 83% | 10' 38 fc | 5.1' | 17 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15° | 0° - 40° 1271 94% | 12' 26 fc | 6.1' | 12 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25° | 0° - 60° 1324 98% | 14' 19 fc | 7.1' | 9 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35° | 0° - 80° 1345 100% | 16' 15 fc | 8.1' | 7 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45° | 0° - 90° 1347 100% | 20' 10 fc | 10.2' | 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55° | Total 1347 100% | 24' 7 fc | 12.2' | 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90° | 1 | 28' 5 fc | 14.2' | 2 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Delivered Lumens: 1347
Luminaire Watts: 15
LER: 89.80

CP at 0° (Nadir): 3815
CRI: 80

Beam Angle: 28°
Spacing Ratio: 0.47

Lumen Multiplier: 07L x 0.40, 10L x 0.56, 15L x 0.78
CCT Multiplier: 40K x 1.03

IF03RMx xx 835 020 DLFLGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00758_2 | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------------|------------------|---|---|--|---------------|-----------------|----------|------|-------|-----------|------|-------|-----------|------|------|-----------|------|------|-----------|-------|------|----------|-------|------|----------|-------|------|----------|-------|------|---|----------------|-----------------|-------|--|-------|--|--|--|------|-----------|------|-----------|-----|----|----|------|----|------|-----|----|----|------|----|------|-----|-----|----|------|----|------|
| | 0° | 0° - 10° 236 18% | Mounting Height AFF | <table border="1"> <thead> <tr> <th>FC at Center on Floor</th> <th>Beam Diameter</th> <th>FC at Beam Edge</th> </tr> </thead> <tbody> <tr> <td>8' 42 fc</td> <td>5.5'</td> <td>18 fc</td> </tr> <tr> <td>10' 27 fc</td> <td>6.9'</td> <td>11 fc</td> </tr> <tr> <td>12' 19 fc</td> <td>8.3'</td> <td>8 fc</td> </tr> <tr> <td>14' 14 fc</td> <td>9.7'</td> <td>6 fc</td> </tr> <tr> <td>16' 11 fc</td> <td>11.0'</td> <td>4 fc</td> </tr> <tr> <td>20' 7 fc</td> <td>13.8'</td> <td>3 fc</td> </tr> <tr> <td>24' 5 fc</td> <td>16.6'</td> <td>2 fc</td> </tr> <tr> <td>28' 3 fc</td> <td>19.3'</td> <td>1 fc</td> </tr> </tbody> </table> | FC at Center on Floor | Beam Diameter | FC at Beam Edge | 8' 42 fc | 5.5' | 18 fc | 10' 27 fc | 6.9' | 11 fc | 12' 19 fc | 8.3' | 8 fc | 14' 14 fc | 9.7' | 6 fc | 16' 11 fc | 11.0' | 4 fc | 20' 7 fc | 13.8' | 3 fc | 24' 5 fc | 16.6' | 2 fc | 28' 3 fc | 19.3' | 1 fc | <table border="1"> <thead> <tr> <th>Ceiling Height</th> <th>Fixture Spacing</th> <th colspan="2">RCR 3</th> <th colspan="2">RCR 5</th> </tr> <tr> <td></td> <td></td> <th>FC *</th> <th>W/Sq. Ft.</th> <th>FC *</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>14'</td> <td>6'</td> <td>32</td> <td>0.37</td> <td>35</td> <td>0.45</td> </tr> <tr> <td>18'</td> <td>8'</td> <td>17</td> <td>0.20</td> <td>19</td> <td>0.25</td> </tr> <tr> <td>22'</td> <td>10'</td> <td>11</td> <td>0.13</td> <td>12</td> <td>0.16</td> </tr> </tbody> </table> | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 | | | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 14' | 6' | 32 | 0.37 | 35 | 0.45 | 18' | 8' | 17 | 0.20 | 19 | 0.25 | 22' | 10' | 11 | 0.13 | 12 | 0.16 |
| | FC at Center on Floor | Beam Diameter | FC at Beam Edge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8' 42 fc | 5.5' | 18 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10' 27 fc | 6.9' | 11 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12' 19 fc | 8.3' | 8 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14' 14 fc | 9.7' | 6 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16' 11 fc | 11.0' | 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20' 7 fc | 13.8' | 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24' 5 fc | 16.6' | 2 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28' 3 fc | 19.3' | 1 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14' | 6' | 32 | 0.37 | 35 | 0.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18' | 8' | 17 | 0.20 | 19 | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22' | 10' | 11 | 0.13 | 12 | 0.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0° | 0° - 20° 712 53% | 8' 42 fc | 5.5' | 18 fc | Delivered Illuminance Rating: (DIR) 86 FC per W/Sq. Ft. 77 FC per W/Sq. Ft. Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5° | 0° - 30° 1102 82% | 10' 27 fc | 6.9' | 11 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15° | 0° - 40° 1267 94% | 12' 19 fc | 8.3' | 8 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25° | 0° - 60° 1321 98% | 14' 14 fc | 9.7' | 6 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35° | 0° - 80° 1340 100% | 16' 11 fc | 11.0' | 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45° | 0° - 90° 1341 100% | 20' 7 fc | 13.8' | 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55° | Total 1341 100% | 24' 5 fc | 16.6' | 2 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90° | 1 | 28' 3 fc | 19.3' | 1 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Delivered Lumens: 1341
Luminaire Watts: 15
LER: 89.40

CP at 0° (Nadir): 2698
CRI: 80

Beam Angle: 38°
Spacing Ratio: 0.60

Lumen Multiplier: 07L x 0.40, 10L x 0.56, 15L x 0.78
CCT Multiplier: 40K x 1.03

IF03RMx xx 835 020 DLWFGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00761_2 | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | |
|--------------------------------------|------------------------------------|--------------|---|-----------------------------|------------------|-----------------------|--|--------------------|-------|---|-------|----|---------------------|----|---------------------|--|
| | | | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 2 | | RCR 4 | | | | | |
| | 0° | 1218 | 0° - 10° | 115 | 9% | 8' | 19 fc | 9.4' | 6 fc | 10' | 6' | 31 | 0.38 | 27 | 0.38 | |
| | 5° | 1200 | 0° - 20° | 418 | 34% | 10' | 12 fc | 11.8' | 4 fc | 14' | 8' | 18 | 0.22 | 11 | 0.16 | |
| | 15° | 1076 | 0° - 30° | 800 | 65% | 12' | 8 fc | 14.1' | 3 fc | 18' | 10' | 13 | 0.16 | 11 | 0.16 | |
| | 25° | 858 | 0° - 40° | 1044 | 85% | 14' | 6 fc | 16.5' | 2 fc | Delivered Illuminance Rating: (DIR) | | | 81 FC per W/Sq. Ft. | | 70 FC per W/Sq. Ft. | |
| | 35° | 375 | 0° - 60° | 1201 | 98% | 16' | 5 fc | 18.9' | 2 fc | Recessed mounting Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 2.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 * Average Footcandles at 2.5' Above Floor | | | | | | |
| | 45° | 128 | 0° - 80° | 1227 | 100% | 20' | 3 fc | 23.6' | 1 fc | | | | | | | |
| | 55° | 56 | 0° - 90° | 1228 | 100% | 24' | 2 fc | 28.3' | 1 fc | | | | | | | |
| | 90° | 1 | Total | 1228 | 100% | 28' | 2 fc | 33.0' | 0 fc | | | | | | | |

Delivered Lumens: 1228
Luminaire Watts: 15
LER: 81.87

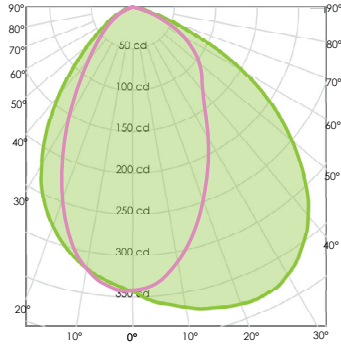
CP at 0° (Nadir): 1218
CRI: 80

Beam Angle: 61°
Spacing Ratio: 0.95

Lumen Multiplier: 07L x 0.40, 10L x 0.56, 15L x 0.78
CCT Multiplier: 40K x 1.03

IF03RMx xx PC 835 020 WW WF LW MW - Wall Wash, Shallow

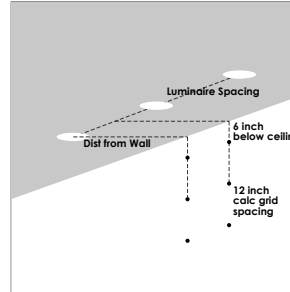
CANDLEPOWER CURVE
TEST SP-00849



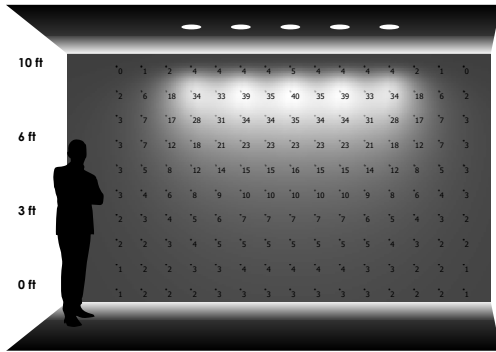
PERFORMANCE SUMMARY

Delivered Lumens: 598
 Luminaire Watts: 15
 LER: 39.87
 CP at 0deg (Nadir): 343
 CRI: 80+
 Lumen Multiplier: 07L x 0.40, 10L x 0.56, 15L x 0.78
 CCT Multiplier: 27K x 0.95, 30K x 0.98, 40K x 1.03

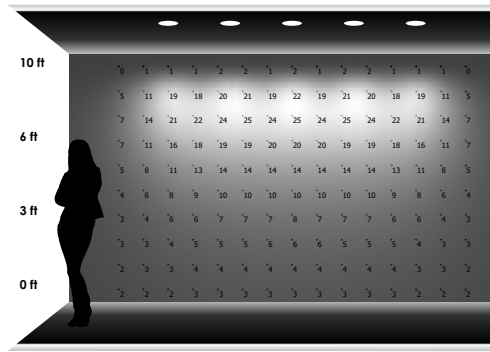
REFERENCE DIAGRAM



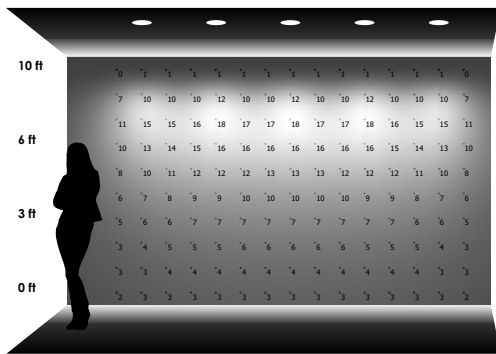
PERFORMANCE DATA - INITIAL ILLUMINATION (FOOTCANDLES) ON WALL - DIRECT LIGHT ONLY



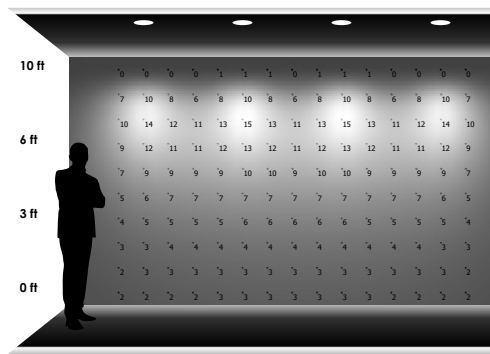
5 LUMINAIRES
2' away from wall
2' between luminaires



5 LUMINAIRES
2'-6" away from wall
2'-6" between luminaires



5 LUMINAIRES
3' away from wall
3' between luminaires



4 LUMINAIRES
3' away from wall
4' between luminaires

IF03RMx xx PC 835 030 DLSPGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00760_2_M-30L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------|---|---|---------------------|-----------------|-----------|--|-------|--|------|-----------|------|-----------|-----|----|-----|------|----|------|-----|----|----|------|----|------|-----|----|----|------|----|------|-------------------------------------|--|---------------------|--|---------------------|--|---|--|--|--|--|--|
| | 0° | 0° - 10° 534 26% | Mounting Height AFF | <table border="1"> <thead> <tr> <th rowspan="2">Ceiling Height</th> <th rowspan="2">Fixture Spacing</th> <th colspan="2">RCR 4</th> <th colspan="2">RCR 6</th> </tr> <tr> <th>FC *</th> <th>W/Sq. Ft.</th> <th>FC *</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>18'</td> <td>4'</td> <td>103</td> <td>1.10</td> <td>94</td> <td>1.11</td> </tr> <tr> <td>22'</td> <td>6'</td> <td>51</td> <td>0.55</td> <td>41</td> <td>0.49</td> </tr> <tr> <td>26'</td> <td>8'</td> <td>27</td> <td>0.29</td> <td>28</td> <td>0.34</td> </tr> <tr> <td colspan="2">Delivered Illuminance Rating: (DIR)</td> <td colspan="2">93 FC per W/Sq. Ft.</td> <td colspan="2">85 FC per W/Sq. Ft.</td> </tr> <tr> <td colspan="6">Recessed mounting Square rooms used for multiple units: RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 RCR 6: Length & Width = Ceiling Ht. - 2.5' x 1.66 * Average Footcandles at 2.5' Above Floor</td> </tr> </tbody> </table> | Ceiling Height | Fixture Spacing | RCR 4 | | RCR 6 | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 18' | 4' | 103 | 1.10 | 94 | 1.11 | 22' | 6' | 51 | 0.55 | 41 | 0.49 | 26' | 8' | 27 | 0.29 | 28 | 0.34 | Delivered Illuminance Rating: (DIR) | | 93 FC per W/Sq. Ft. | | 85 FC per W/Sq. Ft. | | Recessed mounting Square rooms used for multiple units: RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 RCR 6: Length & Width = Ceiling Ht. - 2.5' x 1.66 * Average Footcandles at 2.5' Above Floor | | | | | |
| | Ceiling Height | Fixture Spacing | RCR 4 | | | | RCR 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | FC * | | W/Sq. Ft. | FC * | W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18' | 4' | 103 | | 1.10 | 94 | 1.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22' | 6' | 51 | | 0.55 | 41 | 0.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26' | 8' | 27 | | 0.29 | 28 | 0.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Delivered Illuminance Rating: (DIR) | | 93 FC per W/Sq. Ft. | | 85 FC per W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Recessed mounting Square rooms used for multiple units: RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 RCR 6: Length & Width = Ceiling Ht. - 2.5' x 1.66 * Average Footcandles at 2.5' Above Floor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° 7100 | 0° - 20° 1248 61% | 10' 71 fc 4.2' 33 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5° 6292 | 0° - 30° 1717 84% | 12' 49 fc 5.1' 23 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15° 2560 | 0° - 40° 1928 94% | 14' 36 fc 5.9' 17 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25° 1012 | 0° - 60° 2011 98% | 16' 28 fc 6.8' 13 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35° 317 | 0° - 80° 2044 100% | 20' 18 fc 8.4' 8 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45° 54 | 0° - 90° 2047 100% | 24' 12 fc 10.1' 6 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55° 37 | Total 2047 100% | 28' 9 fc 11.8' 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90° 1 | | 32' 7 fc 13.5' 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Delivered Lumens: 2047
Luminaire Watts: 20.4
LER: 100.34

CP at 0° (Nadir): 7100
CRI: 80

Beam Angle: 24°
Spacing Ratio: 0.40

Lumen Multiplier: N/A. 30L only
CCT Multiplier: 27K x 0.96, 30K x 0.98, 40K x 1.04
27HK x 0.87, 30HK x 0.81

IF03RMx xx PC 835 030 DLNFGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00759_2_M-30L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------|---|--|---------------------|-----------------|-----------|--|-------|--|------|-----------|------|-----------|-----|----|----|------|----|------|-----|----|----|------|----|------|-----|-----|----|------|----|------|-------------------------------------|--|---------------------|--|---------------------|--|--|--|--|--|--|--|
| | 0° | 0° - 10° 472 23% | Mounting Height AFF | <table border="1"> <thead> <tr> <th rowspan="2">Ceiling Height</th> <th rowspan="2">Fixture Spacing</th> <th colspan="2">RCR 3</th> <th colspan="2">RCR 5</th> </tr> <tr> <th>FC *</th> <th>W/Sq. Ft.</th> <th>FC *</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>14'</td> <td>6"</td> <td>48</td> <td>0.50</td> <td>54</td> <td>0.62</td> </tr> <tr> <td>18'</td> <td>8"</td> <td>27</td> <td>0.28</td> <td>30</td> <td>0.34</td> </tr> <tr> <td>22'</td> <td>10"</td> <td>23</td> <td>0.24</td> <td>19</td> <td>0.21</td> </tr> <tr> <td colspan="2">Delivered Illuminance Rating: (DIR)</td> <td colspan="2">96 FC per W/Sq. Ft.</td> <td colspan="2">87 FC per W/Sq. Ft.</td> </tr> <tr> <td colspan="6">Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor ** Exceeds Spacing Ratio by 11% *** Exceeds Spacing Ratio by 10%</td> </tr> </tbody> </table> | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 14' | 6" | 48 | 0.50 | 54 | 0.62 | 18' | 8" | 27 | 0.28 | 30 | 0.34 | 22' | 10" | 23 | 0.24 | 19 | 0.21 | Delivered Illuminance Rating: (DIR) | | 96 FC per W/Sq. Ft. | | 87 FC per W/Sq. Ft. | | Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor ** Exceeds Spacing Ratio by 11% *** Exceeds Spacing Ratio by 10% | | | | | |
| | Ceiling Height | Fixture Spacing | RCR 3 | | | | RCR 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | FC * | | W/Sq. Ft. | FC * | W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14' | 6" | 48 | | 0.50 | 54 | 0.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18' | 8" | 27 | | 0.28 | 30 | 0.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22' | 10" | 23 | | 0.24 | 19 | 0.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Delivered Illuminance Rating: (DIR) | | 96 FC per W/Sq. Ft. | | 87 FC per W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor ** Exceeds Spacing Ratio by 11% *** Exceeds Spacing Ratio by 10% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° 5723 | 0° - 20° 1202 59% | 8' 89 fc 4.1' 41 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5° 5392 | 0° - 30° 1685 83% | 10' 57 fc 5.1' 26 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15° 2587 | 0° - 40° 1907 94% | 12' 40 fc 6.1' 18 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25° 1004 | 0° - 60° 1986 98% | 14' 29 fc 7.1' 13 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35° 288 | 0° - 80° 2017 100% | 16' 22 fc 8.1' 10 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45° 52 | 0° - 90° 2020 100% | 20' 14 fc 10.2' 7 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55° 29 | Total 2020 100% | 24' 10 fc 12.2' 5 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90° 2 | | 28' 7 fc 14.2' 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Delivered Lumens: 2020
Luminaire Watts: 20.4
LER: 99.02

CP at 0° (Nadir): 5723
CRI: 80

Beam Angle: 28°
Spacing Ratio: 0.47

Lumen Multiplier: N/A. 30L only
CCT Multiplier: 27K x 0.96, 30K x 0.98, 40K x 1.04
27HK x 0.87, 30HK x 0.81

IF03RMx xx PC 835 030 DLFLGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00758_2_M-30L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------|---|---|---------------------|-----------------|-----------|--|-------|--|------|-----------|------|-----------|-----|----|----|------|----|------|-----|----|----|------|----|------|-----|-----|----|------|----|------|-------------------------------------|--|---------------------|--|---------------------|--|---|--|--|--|--|--|
| | 0° | 0° - 10° 353 18% | Mounting Height AFF | <table border="1"> <thead> <tr> <th rowspan="2">Ceiling Height</th> <th rowspan="2">Fixture Spacing</th> <th colspan="2">RCR 3</th> <th colspan="2">RCR 5</th> </tr> <tr> <th>FC *</th> <th>W/Sq. Ft.</th> <th>FC *</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>14'</td> <td>6'</td> <td>48</td> <td>0.50</td> <td>53</td> <td>0.62</td> </tr> <tr> <td>18'</td> <td>8'</td> <td>26</td> <td>0.28</td> <td>29</td> <td>0.34</td> </tr> <tr> <td>22'</td> <td>10'</td> <td>17</td> <td>0.17</td> <td>18</td> <td>0.21</td> </tr> <tr> <td colspan="2">Delivered Illuminance Rating: (DIR)</td> <td colspan="2">95 FC per W/Sq. Ft.</td> <td colspan="2">85 FC per W/Sq. Ft.</td> </tr> <tr> <td colspan="6">Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor</td> </tr> </tbody> </table> | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. | 14' | 6' | 48 | 0.50 | 53 | 0.62 | 18' | 8' | 26 | 0.28 | 29 | 0.34 | 22' | 10' | 17 | 0.17 | 18 | 0.21 | Delivered Illuminance Rating: (DIR) | | 95 FC per W/Sq. Ft. | | 85 FC per W/Sq. Ft. | | Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor | | | | | |
| | Ceiling Height | Fixture Spacing | RCR 3 | | | | RCR 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | FC * | | W/Sq. Ft. | FC * | W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14' | 6' | 48 | | 0.50 | 53 | 0.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18' | 8' | 26 | | 0.28 | 29 | 0.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22' | 10' | 17 | | 0.17 | 18 | 0.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Delivered Illuminance Rating: (DIR) | | 95 FC per W/Sq. Ft. | | 85 FC per W/Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° 4047 | 0° - 20° 1067 53% | 8' 63 fc 5.5' 27 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5° 3826 | 0° - 30° 1652 82% | 10' 40 fc 6.9' 17 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15° 2584 | 0° - 40° 1901 94% | 12' 28 fc 8.3' 12 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25° 1278 | 0° - 60° 1981 98% | 14' 21 fc 9.7' 9 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35° 392 | 0° - 80° 2009 100% | 16' 16 fc 11.0' 7 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45° 57 | 0° - 90° 2012 100% | 20' 10 fc 13.8' 4 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55° 24 | Total 2012 100% | 24' 7 fc 16.6' 3 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90° 2 | | 28' 5 fc 19.3' 2 fc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Delivered Lumens: 2012
Luminaire Watts: 20.4
LER: 98.63

CP at 0° (Nadir): 4047
CRI: 80

Beam Angle: 38°
Spacing Ratio: 0.60

Lumen Multiplier: N/A. 30L only
CCT Multiplier: 27K x 0.96, 30K x 0.98, 40K x 1.04
27HK x 0.87, 30HK x 0.81

IF03RMx xx PC 835 030 DLWFGP MW - Shallow

| CANDLEPOWER CURVE TEST SP-00761_2_M-30L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | |
|--|------------------------------------|--------------|----------|---|---------------------------|-----------------------------|------------------|--|-------------------|---|-------|---------------------|-------|---------------------|------|
| | | 0° - 10° | 172 | 9% | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 2 | | RCR 4 | | |
| | 0° | 1827 | 0° - 20° | 627 | 34% | 8' | 29 fc | 9.4' | 9 fc | 10' | 6' | 47 | 0.52 | 40 | 0.52 |
| | 5° | 1800 | 0° - 30° | 1199 | 65% | 10' | 18 fc | 11.8' | 6 fc | 14' | 8' | 27 | 0.30 | 17 | 0.22 |
| | 15° | 1614 | 0° - 40° | 1566 | 85% | 12' | 13 fc | 14.1' | 4 fc | 18' | 10' | 19 | 0.22 | 17 | 0.22 |
| | 25° | 1287 | 0° - 60° | 1801 | 98% | 14' | 9 fc | 16.5' | 3 fc | Delivered Illuminance Rating: (DIR) | | 90 FC per W/Sq. Ft. | | 77 FC per W/Sq. Ft. | |
| | 35° | 563 | 0° - 80° | 1840 | 100% | 16' | 7 fc | 18.9' | 2 fc | Recessed mounting Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 2.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 * Average Footcandles at 2.5' Above Floor | | | | | |
| | 45° | 192 | 0° - 90° | 1842 | 100% | 20' | 5 fc | 23.6' | 1 fc | | | | | | |
| | 55° | 84 | Total | 1842 | 100% | 24' | 3 fc | 28.3' | 1 fc | | | | | | |
| | 90° | 1 | | | | 28' | 2 fc | 33.0' | 1 fc | | | | | | |

Delivered Lumens: 1842
Luminaire Watts: 20.4
LER: 90.29

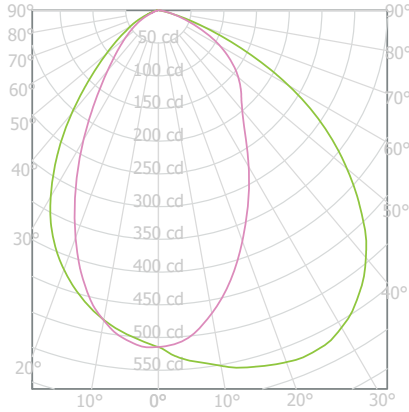
CP at 0° (Nadir): 1827
CRI: 80

Beam Angle: 61°
Spacing Ratio: 0.95

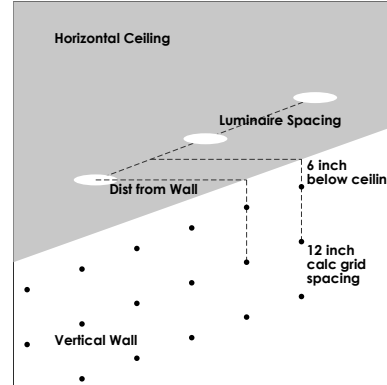
Lumen Multiplier: N/A. 30L only
CCT Multiplier: 27K x 0.96, 30K x 0.98, 40K x 1.04
27HK x 0.87, 30HK x 0.81

IF03RMx xx PC 835 030 WW WF LW MW - Wall Wash, Shallow

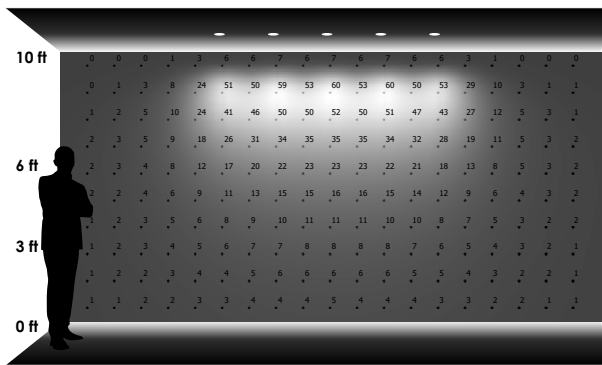
| CANDLEPOWER CURVE TEST SP-00849_M-30L | PERFORMANCE SUMMARY | REFERENCE DIAGRAM |
|--|---------------------|-------------------|
|--|---------------------|-------------------|



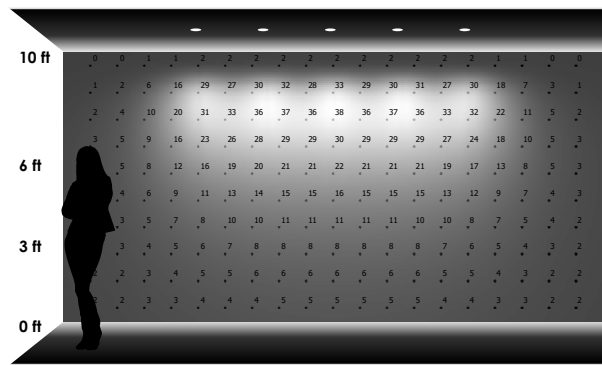
Delivered Lumens: 898
 Luminaire Watts: 20.4
 LER: 44.02
 CP at 0deg (Nadir): 514
 CRI: 80
 Lumen Multiplier: N/A. 30L only
 CCT Multiplier: 27K x 0.96, 30K x 0.98, 40K x 1.04
 27HK x 0.87, 30HK x 0.81



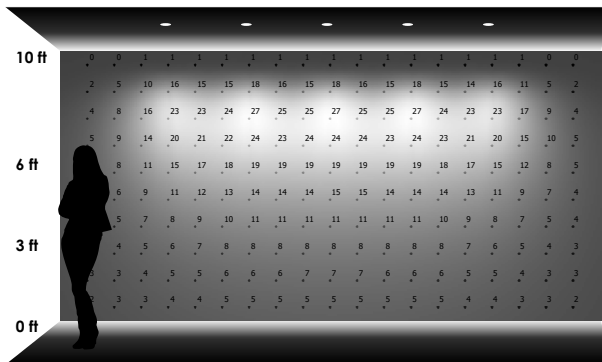
PERFORMANCE DATA - INITIAL ILLUMINATION (FOOTCANDLES) ON WALL - DIRECT LIGHT ONLY



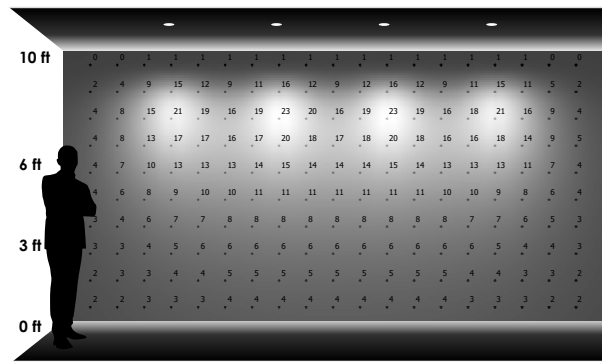
5 LUMINAIRES
 2' away from wall
 2' between luminaires



5 LUMINAIRES
 2'-6" away from wall
 2'-6" between luminaires



5 LUMINAIRES
 3' away from wall
 3' between luminaires



4 LUMINAIRES
 3' away from wall
 4' between luminaires

IF03RSx IC 835 015 N11 DLSPGP MW - Super Shallow

| CANDLEPOWER CURVE TEST SP-00776_2_M-015L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | | SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | |
|---|------------------------------------|--------------|----------|--|-------|---------------------|-----------------------|--|---|----------------|-----------------|-------|-----|-------|
| | | 0.00° | 0° - 10° | 278 | 26% | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 |
| | 0.00° 3,692 | 0° - 10° | 278 | 26% | 5.5' | 122 fc | 2.3' | 61 fc | 9' | 2' | 272 | 2.63 | 203 | 2.17 |
| | 5.00° 3,272 | 0° - 20° | 649 | 61% | 6.5' | 87 fc | 2.7' | 44 fc | 12' | 4' | 67 | 0.65 | 66 | 0.71 |
| | 10.00° 2,254 | 0° - 30° | 893 | 84% | 7.5' | 66 fc | 3.2' | 33 fc | 16' | 6' | 33 | 0.32 | 33 | 0.35 |
| | 15.00° 1,331 | 0° - 40° | 1,003 | 94% | 8.5' | 51 fc | 3.6' | 26 fc | Delivered Illuminance Rating: (DIR) 103 FC per W/Sq. Ft. 93 FC per W/Sq. Ft. | | | | | |
| | 20.00° 795 | 0° - 60° | 1,045 | 98% | 10.0' | 37 fc | 4.2' | 18 fc | | | | | | |
| | 30.00° 335 | 0° - 80° | 1,063 | 100% | 12.0' | 26 fc | 5.1' | 13 fc | Recessed Mounting Square rooms used for multiple units: - RCR 3: Length & Width = Ceiling Ht. -2.5' x 3.33 - RCR 5: Length & Width = Ceiling Ht. -2.5' x 2.00 + Average Footcandles at 2.5' Above Floor | | | | | |
| | 40.00° 63 | 0° - 90° | 1,064 | 100% | 14.0' | 19 fc | 5.9' | 9 fc | | | | | | |
| | 50.00° 21 | Total | 1,064 | 100% | 16.0' | 14 fc | 6.8' | 7 fc | | | | | | |
| | 60.00° 16 | | | | | | | | | | | | | |
| | 70.00° 8 | | | | | | | | | | | | | |
| | 80.00° 3 | | | | | | | | | | | | | |
| | 90.00° 1 | | | | | | | | | | | | | |

Delivered Lumens: 1,064
Luminaire Watts: 10.2
LER: 104.31

CP at 0deg (Nadir): 3,692
CRI: 80

Beam Angle: 24
Spacing Ratio: 0.4

Lumen Multiplier: 07L x 0.40, 10L x 0.56
CCT Multiplier: 27K x 0.95, 30K x 0.98, 40K x 1.03

IF03RSx IC 835 015 DLNFGP MW - Super Shallow

| CANDLEPOWER CURVE TEST SP-00775_2_M-015L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | | SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | |
|---|------------------------------------|--------------|----------|--|-------|---------------------|-----------------------|--|---|----------------|-----------------|-------|-----|-------|
| | | 0.00° | 0° - 10° | 245 | 23% | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 |
| | 0.00° 2,976 | 0° - 10° | 245 | 23% | 5.5' | 98 fc | 2.8' | 49 fc | 9' | 2' | 267 | 2.63 | 199 | 2.17 |
| | 5.00° 2,804 | 0° - 20° | 625 | 59% | 6.5' | 70 fc | 3.3' | 35 fc | 12' | 4' | 66 | 0.65 | 65 | 0.71 |
| | 10.00° 2,164 | 0° - 30° | 876 | 83% | 7.5' | 53 fc | 3.8' | 26 fc | 16' | 6' | 25 | 0.25 | 21 | 0.22 |
| | 15.00° 1,345 | 0° - 40° | 992 | 94% | 8.5' | 41 fc | 4.3' | 21 fc | Delivered Illuminance Rating: (DIR) 102 FC per W/Sq. Ft. 92 FC per W/Sq. Ft. | | | | | |
| | 20.00° 778 | 0° - 60° | 1,033 | 98% | 10.0' | 30 fc | 5.1' | 15 fc | | | | | | |
| | 30.00° 326 | 0° - 80° | 1,049 | 100% | 12.0' | 21 fc | 6.1' | 10 fc | Recessed Mounting Square rooms used for multiple units: - RCR 3: Length & Width = Ceiling Ht. -2.5' x 3.33 - RCR 5: Length & Width = Ceiling Ht. -2.5' x 2.00 + Average Footcandles at 2.5' Above Floor | | | | | |
| | 40.00° 53 | 0° - 90° | 1,051 | 100% | 14.0' | 15 fc | 7.1' | 8 fc | | | | | | |
| | 50.00° 20 | Total | 1,051 | 100% | 16.0' | 12 fc | 8.1' | 6 fc | | | | | | |
| | 60.00° 13 | | | | | | | | | | | | | |
| | 70.00° 7 | | | | | | | | | | | | | |
| | 80.00° 3 | | | | | | | | | | | | | |
| | 90.00° 1 | | | | | | | | | | | | | |

Delivered Lumens: 1,051
Luminaire Watts: 10.2
LER: 103.04

CP at 0deg (Nadir): 2,976
CRI: 80

Beam Angle: 28.27
Spacing Ratio: 0.47

Lumen Multiplier: 07L x 0.40, 10L x 0.56
CCT Multiplier: 27K x 0.95, 30K x 0.98, 40K x 1.03

IF03RSx IC 835 015 N11 DLFLGP MW - Super Shallow

| CANDLEPOWER CURVE TEST SP-00774_2_M-015L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | | SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | |
|---|------------------------------------|--------------|----------|--|-------|---------------------|-----------------------|--|---|----------------|-----------------|-------|----|-------|
| | | 0.00° | 0° - 10° | 184 | 18% | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 3 | | RCR 5 |
| | 0.00° 2,104 | 0° - 10° | 184 | 18% | 5.5' | 70 fc | 3.8' | 35 fc | 9' | 4' | 55 | 0.54 | 49 | 0.54 |
| | 5.00° 1,989 | 0° - 20° | 555 | 53% | 6.5' | 50 fc | 4.5' | 25 fc | 12' | 4' | 65 | 0.65 | 63 | 0.71 |
| | 10.00° 1,705 | 0° - 30° | 859 | 82% | 7.5' | 37 fc | 5.2' | 19 fc | 16' | 6' | 25 | 0.25 | 20 | 0.22 |
| | 15.00° 1,344 | 0° - 40° | 989 | 94% | 8.5' | 29 fc | 5.9' | 15 fc | Delivered Illuminance Rating: (DIR) 100 FC per W/Sq. Ft. 90 FC per W/Sq. Ft. | | | | | |
| | 20.00° 975 | 0° - 60° | 1,030 | 98% | 10.0' | 21 fc | 6.9' | 11 fc | | | | | | |
| | 30.00° 422 | 0° - 80° | 1,045 | 100% | 12.0' | 15 fc | 8.3' | 7 fc | Recessed Mounting Square rooms used for multiple units: - RCR 3: Length & Width = Ceiling Ht. -2.5' x 3.33 - RCR 5: Length & Width = Ceiling Ht. -2.5' x 2.00 + Average Footcandles at 2.5' Above Floor | | | | | |
| | 40.00° 72 | 0° - 90° | 1,046 | 100% | 14.0' | 11 fc | 9.7' | 5 fc | | | | | | |
| | 50.00° 17 | Total | 1,046 | 100% | 16.0' | 8 fc | 11.0' | 4 fc | | | | | | |
| | 60.00° 10 | | | | | | | | | | | | | |
| | 70.00° 7 | | | | | | | | | | | | | |
| | 80.00° 3 | | | | | | | | | | | | | |
| | 90.00° 1 | | | | | | | | | | | | | |

Delivered Lumens: 1,046
Luminaire Watts: 10.2
LER: 102.55

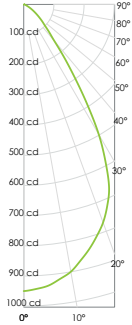
CP at 0deg (Nadir): 2,104
CRI: 80

Beam Angle: 38
Spacing Ratio: 0.6

Lumen Multiplier: 07L x 0.40, 10L x 0.56
CCT Multiplier: 27K x 0.95, 30K x 0.98, 40K x 1.03

IF03RSx IC 835 015 N11 DLWFGP MW - Super Shallow

| CANDLEPOWER CURVE TEST SP-00777_2_M-010L | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | | SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | |
|---|------------------------------------|--------------|-----|--|---------------------------|-----------------------------|------------------|--|---|--------------------|-------|------|-------|---------------------|
| | | 0° - 10° | 90 | 9% | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 2 | | RCR 4 | |
| | 0.00° 950 | | | | 5.5' | 31 fc | 6.5' | 16 fc | 9' | 4' | 59 | 0.62 | 50 | 0.62 |
| | 5.00° 936 | 0° - 20° | 326 | 34% | 6.5' | 22 fc | 7.7' | 11 fc | 12' | 6' | 27 | 0.29 | 24 | 0.29 |
| | 10.00° 900 | 0° - 30° | 624 | 65% | 7.5' | 17 fc | 8.8' | 8 fc | 16' | 10' | 10 | 0.11 | 7 | 0.08 |
| | 15.00° 839 | 0° - 40° | 814 | 85% | 8.5' | 13 fc | 10.0' | 7 fc | Delivered Illuminance Rating: (DIR) | | | | | |
| | 20.00° 769 | 0° - 60° | 937 | 98% | 10.0' | 10 fc | 11.8' | 5 fc | | | | | | 95 FC per W/Sq. Ft. |
| | 30.00° 498 | 0° - 80° | 957 | 100% | 12.0' | 7 fc | 14.1' | 3 fc | Recessed Mounting Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. -2.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. -2.5' x 2.50 + Average Footcandles at 2.5' Above Floor | | | | | |
| | 40.00° 157 | 0° - 90° | 958 | 100% | 14.0' | 5 fc | 16.5' | 2 fc | | | | | | |
| | 50.00° 68 | Total | 958 | 100% | 16.0' | 4 fc | 18.9' | 2 fc | | | | | | |
| | 60.00° 26 | | | | | | | | | | | | | |
| | 70.00° 8 | | | | | | | | | | | | | |
| | 80.00° 2 | | | | | | | | | | | | | |
| | 90.00° 1 | | | | | | | | | | | | | |



Delivered Lumens: **958**
 Luminaire Watts: **10.2**
 LER: **93.92**

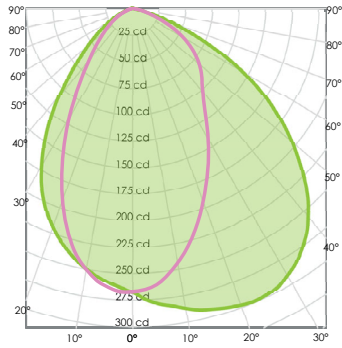
CP at 0deg (Nadir): **950**
 CR: **80**

Beam Angle: **61.05**
 Spacing Ratio: **0.95**

Lumen Multiplier: **07L x 0.40, 10L x 0.56**
 CCT Multiplier: **27K x 0.95, 30K x 0.98, 40K x 1.03**

IF03RSx xx PC 835 015 WW WF LW MW - Wall Wash, Super Shallow

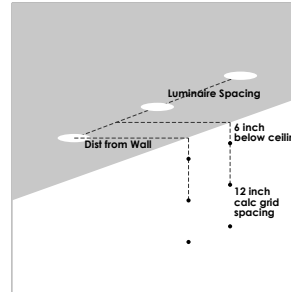
CANDLEPOWER CURVE
TEST SP-00897_M-015L



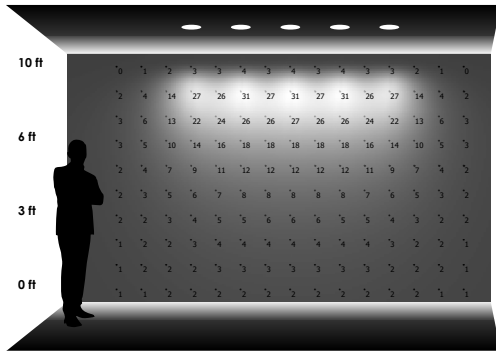
PERFORMANCE SUMMARY

Delivered Lumens: 467
 Luminaire Watts: 10.2
 LER: 45.78
 CP at 0deg (Nadir): 268
 CRI: 80+
 Lumen Multiplier: 07L x 0.4, 10L x 0.56
 CCT Multiplier: 27K x 0.95, 30K x 0.98, 40K x 1.03

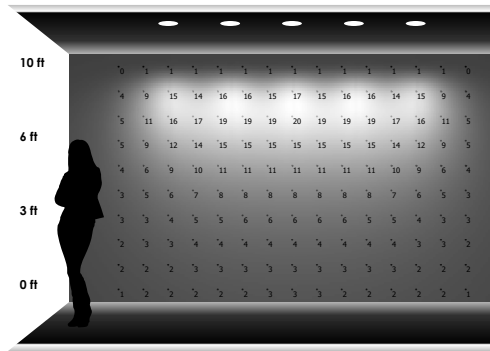
REFERENCE DIAGRAM



PERFORMANCE DATA - INITIAL ILLUMINATION (FOOTCANDLES) ON WALL - DIRECT LIGHT ONLY



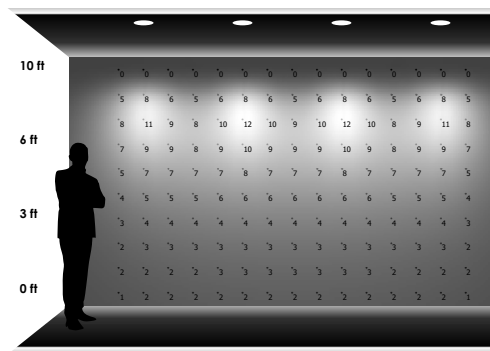
5 LUMINAIRES
2' away from wall
2' between luminaires



5 LUMINAIRES
2'-6" away from wall
2'-6" between luminaires



5 LUMINAIRES
3' away from wall
3' between luminaires



4 LUMINAIRES
3' away from wall
4' between luminaires