



**6" ROUND DIRECT / INDIRECT**  
**DAMP LOCATION**  
**GAMMA SERIES**

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



CF0612UDPC



CF0618UDPC

| SERIES                 | LUMENS <sup>1/2</sup> |         | CCT           | OPTICS <sup>3</sup> |           |           | DRIVER / DIMMING <sup>4</sup> |   | LENS <sup>5</sup>   | MOUNTING <sup>6</sup> |  | FINISH <sup>7</sup> |
|------------------------|-----------------------|---------|---------------|---------------------|-----------|-----------|-------------------------------|---|---|-----------------------|--|---------------------|
| CF0612UDPC<br>6" x 12" | 10L                   | 1350 Lm | 80 CRI        | UPLIGHT             |           | DOWNLIGHT |                               | EX<br>Electronic Driver, 120V/277V<br>1%, 0-10V, 120V/277V<br>DO10X<br>DS2W1<br>ELV/MLV, 120V | NL<br>No Lens<br>CL<br>Clear Lens<br>SO<br>Micro Prism Solite™ Lens<br>HL<br>Hex Louver | WM<br>Wall Mount      | MW <sup>8</sup><br>Matte White<br>MB <sup>8</sup><br>Matte Black<br>PT <sup>8</sup><br>Platinum Silver<br>CC<br>Custom Color |                     |
|                        | 15L                   | 2000 Lm | 27K<br>2700K  | ND<br>13°           | ND<br>13° | ND<br>13° | ND<br>13°                     |   |   |                       |  |                     |
| CF0618UDPC<br>6" x 18" | 20L                   | 2750 Lm | 30K<br>3000K  | MD<br>30°           | MD<br>30° | MD<br>30° | MD<br>30°                     |   |   |                       | See Page 4<br>for Full Range of<br>Color Options<br>(83-90095)   |                     |
|                        | 30L                   | 4100 Lm | 35K<br>3500K  | WD<br>53°           | WD<br>53° | WD<br>53° | WD<br>53°                     |   |   |                       |  |                     |
|                        | 40L                   | 5450 Lm | 40K<br>4000K  | XW<br>78°           | XW<br>78° | XW<br>78° | XW<br>78°                     |   |   |                       |  |                     |
|                        |                       |         | 90 CRI        |                     |           |           |                               |   |   |                       |  |                     |
|                        |                       |         | 27HK<br>2700K |                     |           |           |                               |   |   |                       |  |                     |
|                        |                       |         | 30HK<br>3000K |                     |           |           |                               |   |   |                       |  |                     |

EXAMPLE: CF0612UDPC15L35KMDWDEX/NL/WM/MW

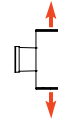
**NOTES:**  
 1 Nominal Delivered Combined Uplight/Downlight Lumens at 3500K 2 Uplight & Downlight Use The Same Lumen Output 3 See IES Files for Details 4 Consult Factory for Additional Options  
 5 Uplight & Downlight Use The Same Lens 6 See Mounting Page for Details on Components and Finishes 7 See Color Page for More Options/Consult Factory for Special Finishes 8 Standard Finishes





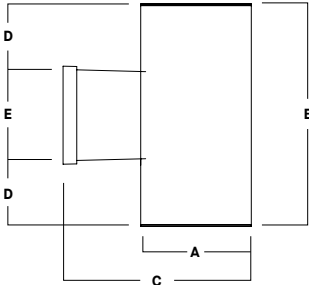
# 6" ROUND DIRECT / INDIRECT DAMP LOCATION GAMMA SERIES

| LUMENS / WATTAGE DATA |                  |              |     |
|-----------------------|------------------|--------------|-----|
| PART NUMBER           | DELIVERED LUMENS | SYSTEM WATTS | LPW |
| CF0618UDPC 10L        | 1364             | 12.9         | 106 |
| CF0618UDPC 15L        | 2019             | 19           | 106 |
| CF0618UDPC 20L        | 2729             | 25.8         | 106 |
| CF0618UDPC 30L        | 4093             | 39.8         | 103 |
| CF0618UDPC 40L        | 5457             | 54.8         | 100 |



<sup>1</sup> Nominal Delivered Combined Uplight/Downlight Lumens at 3500K, 80 CRI, Wide Optic with Clear Lens up and No Lens down

## DIMENSIONS



Dimensioned with **CF0612UDPC**

| SERIES     | A   | B    | C    | D   | E   |
|------------|-----|------|------|-----|-----|
| CF0612UDPC | 6.1 | 12.2 | 10.3 | 3.4 | 5.4 |
| CF0618UDPC | 6.1 | 18.2 | 10.3 | 6.4 | 5.4 |

## APPLICATION

The Gamma Family of Cylinders are a robust offering of point source LED luminaires featuring high efficacies, an assortment of optical control, and installation flexibility, which make them suitable for a wide range of commercial and institutional applications.

## ELECTRONICS

Solid-state light engine available in various color temperatures and lumen outputs. Specifiable in 2700K, 3000K, 3500K, 4000K in CRI 80 (Typ.), or 2700K, 3000K in CRI 90 (Typ.), color accuracy  $\leq 3$  SDCM. Selection of integral electronic constant current dimmable drivers available, power factor  $> 0.9$  (Typ). Driver and light engine are field serviceable for future replacement or upgrades. Emergency battery options provide 7W for 90 minutes. Direct and Indirect output and CCT will match.

## CONSTRUCTION

Seamless cylinder body machined from 6063 extruded aluminum. Trims are die-cast aluminum. Twist and lock trim design for no visible fasteners. Passive aluminum heatsink optimized for LED life and performance. Direct and indirect individually specified specular reflectors offered in variety of beam spreads. Lens accessory options available (maximum of 2) will match direct and indirect.

## MOUNTING

Mounting bracket for direct installation with 4" octagonal junction boxes. Single-piece, seamless die-cast aluminum wall arm. See mounting page for additional information. Contact factory for special installation circumstances.

## FINISH

Multi-stage polyester powder-coat process applied on our in-house finishing department. Custom colors also available (contact factory with RAL#). Wall arm will match cylinder finish specification.

## CODE COMPLIANCE

ETL Listed. Suitable for dry or damp locations with operation in ambient conditions up to 25°C. 5 year limited warranty on all components. Proudly designed and manufactured in Massachusetts, USA.

## SERIES SIZES

CF0612UDPC



CF0618UDPC



## STANDARD FINISHES SHOWN WITH CF0612UDPC

**MW**  
Matte White



**MB**  
Matte Black

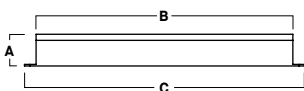


**PT**  
Platinum Silver



## EMERGENCY BATTERY OPTIONS

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



| A   | B    | C    |
|-----|------|------|
| 1.3 | 12.6 | 13.0 |

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



| A   | B    | C   |
|-----|------|-----|
| 2.0 | 17.0 | 6.2 |

\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY





# 6" ROUND DIRECT / INDIRECT

## GAMMA SERIES / PHOTOMETRIC DATA

CF06XXUDPC 40LNDCL 40LNDNL 35KXX XXMW (IND/DIR Damp location)

| CANDLEPOWER CURVE<br>TEST SP-01081_1 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS |      | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |                     |                       |
|--------------------------------------|------------------------------------|--------------|------|---|---------------------|-----------------------|
|                                      |                                    | 0° - 10°     | 956  | 16%   | Mounting Height AFF | FC at Center on Floor |
|                                      | 0°                                 | 0° - 30°     | 2101 | 35%   | 8'                  | 302 fc                |
|                                      | 0°                                 | 0° - 60°     | 2991 | 50%   | 10'                 | 193 fc                |
|                                      | 20°                                | 90° - 120°   | 5    | 0%  | 12'                 | 134 fc                |
|                                      | 40°                                | 90° - 150°   | 965  | 16%   | 14'                 | 99 fc                 |
|                                      | 60°                                | 0° - 90°     | 2994 | 51%   | 16'                 | 75 fc                 |
|                                      | 80°                                | 90° - 180°   | 2933 | 49%   | 20'                 | 48 fc                 |
|                                      | 90°                                | Total        | 5927 | 100%  | 24'                 | 34 fc                 |
|                                      | 100°                               |              |      |   | 28'                 | 25 fc                 |
|                                      | 120°                               |              |      |   |                     |                       |
|                                      | 140°                               |              |      |   |                     |                       |
|                                      | 160°                               |              |      |   |                     |                       |
|                                      | 180°                               |              |      |   |                     |                       |

Delivered Lumens: 5927      CP at 0° (Nadir): 19308  
 Luminaire Watts: 54.8  
 LER: 108.16                      CRI: 80

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.x75  
 CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04  
 27HK x 0.78, 30HK x 0.82  
 See Page 1 for System Watts for all outputs

CF06XXUDPC 40LMDCL 40LMDNL 35KXX XXMW (IND/DIR Damp location)

| CANDLEPOWER CURVE<br>TEST SP-01080_1 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS |      | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |                     |                       |
|--------------------------------------|------------------------------------|--------------|------|---|---------------------|-----------------------|
|                                      |                                    | 0° - 10°     | 521  | 10%   | Mounting Height AFF | FC at Center on Floor |
|                                      | 0°                                 | 0° - 30°     | 2061 | 38%   | 8'                  | 97 fc                 |
|                                      | 0°                                 | 0° - 60°     | 2940 | 55%   | 10'                 | 62 fc                 |
|                                      | 20°                                | 90° - 120°   | 9    | 0%  | 12'                 | 43 fc                 |
|                                      | 40°                                | 90° - 150°   | 787  | 15%   | 14'                 | 32 fc                 |
|                                      | 60°                                | 0° - 90°     | 2943 | 55%   | 16'                 | 24 fc                 |
|                                      | 80°                                | 90° - 180°   | 2444 | 45%   | 20'                 | 16 fc                 |
|                                      | 90°                                | Total        | 5387 | 100%  | 24'                 | 11 fc                 |
|                                      | 100°                               |              |      |   | 28'                 | 8 fc                  |
|                                      | 120°                               |              |      |   |                     |                       |
|                                      | 140°                               |              |      |   |                     |                       |
|                                      | 160°                               |              |      |   |                     |                       |
|                                      | 180°                               |              |      |   |                     |                       |

Delivered Lumens: 5387      CP at 0° (Nadir): 6219  
 Luminaire Watts: 54.8  
 LER: 98.30                      CRI: 80

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.x75  
 CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04  
 27HK x 0.78, 30HK x 0.82  
 See Page 1 for System Watts for all outputs





# 6" ROUND DIRECT / INDIRECT

## GAMMA SERIES / PHOTOMETRIC DATA

CF06XXUDPC 40LWDCL 40LWDNL 35KXX XXMW (IND/DIR Damp location)

| CANDLEPOWER CURVE<br>TEST SP-01295 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |      |                     |                       |
|------------------------------------|------------------------------------|--------------|---|------|---------------------|-----------------------|
|                                    | 0°                                 | 0° - 10°     | 312   | 6%   | Mounting Height AFF | FC at Center on Floor |
|                                    | 0° 3441                            | 0° - 30°     | 1855  | 34%  |                     |                       |
|                                    | 20° 2251                           | 0° - 60°     | 2697  | 49%  | 10'                 | 34 fc                 |
|                                    | 40° 705                            | 90° - 120°   | 21  | 0%   | 12'                 | 24 fc                 |
|                                    | 60° 2                              | 90° - 150°   | 948   | 17%  | 14'                 | 18 fc                 |
|                                    | 80° 2                              | 0° - 90°     | 2702  | 50%  | 16'                 | 13 fc                 |
|                                    | 90° 2                              | 90° - 180°   | 2754  | 50%  | 20'                 | 9 fc                  |
|                                    | 100° 5                             | Total        | 5457  | 100% | 24'                 | 6 fc                  |
|                                    | 120° 18                            |              |   |      | 28'                 | 4 fc                  |
|                                    | 140° 761                           |              |   |      |                     |                       |
|                                    | 160° 2232                          |              |   |      |                     |                       |
|                                    | 180° 3219                          |              |   |      |                     |                       |

Delivered Lumens: 5457 CP at 0° (Nadir): 3441  
 Luminaire Watts: 54.8 LER: 99.58 CRI: 80

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.75  
 CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04, 27HK x 0.78, 30HK x 0.82  
 See Page 1 for System Watts for all outputs

CF06XXUDPC 40LXWCL 40LXWNL 35KXX XXMW (IND/DIR Damp location)

| CANDLEPOWER CURVE<br>TEST SP-01082_1 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |      |                     |                       |
|--------------------------------------|------------------------------------|--------------|---|------|---------------------|-----------------------|
|                                      | 0°                                 | 0° - 10°     | 213   | 4%   | Mounting Height AFF | FC at Center on Floor |
|                                      | 0° 2210                            | 0° - 30°     | 1746  | 30%  |                     |                       |
|                                      | 20° 2124                           | 0° - 60°     | 2975  | 50%  | 10'                 | 22 fc                 |
|                                      | 40° 1022                           | 90° - 120°   | 51  | 1%   | 12'                 | 15 fc                 |
|                                      | 60° 2                              | 90° - 150°   | 1273  | 22%  | 14'                 | 11 fc                 |
|                                      | 80° 2                              | 0° - 90°     | 2980  | 50%  | 16'                 | 9 fc                  |
|                                      | 90° 1                              | 90° - 180°   | 2929  | 50%  | 20'                 | 6 fc                  |
|                                      | 100° 6                             | Total        | 5909  | 100% | 24'                 | 4 fc                  |
|                                      | 120° 44                            |              |   |      | 28'                 | 3 fc                  |
|                                      | 140° 985                           |              |   |      |                     |                       |
|                                      | 160° 2020                          |              |   |      |                     |                       |
|                                      | 180° 2153                          |              |   |      |                     |                       |

Delivered Lumens: 5909 CP at 0° (Nadir): 2210  
 Luminaire Watts: 54.8 LER: 107.83 CRI: 80

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.75  
 CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04, 27HK x 0.78, 30HK x 0.82  
 See Page 1 for System Watts for all outputs



# 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

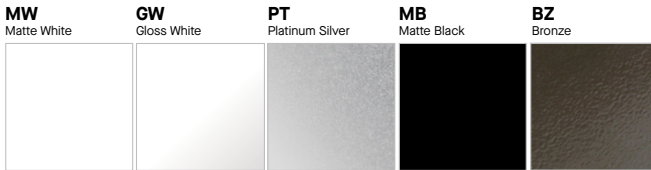
| FIXTURE COLOR               | STANDARD CORD COLOR | STANDARD CANOPY / STEM COLOR |
|-----------------------------|---------------------|------------------------------|
| Matte White, Textured White | Matte White         | Matte White                  |
| Gloss White                 | Matte White  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

## PAINT TIMES

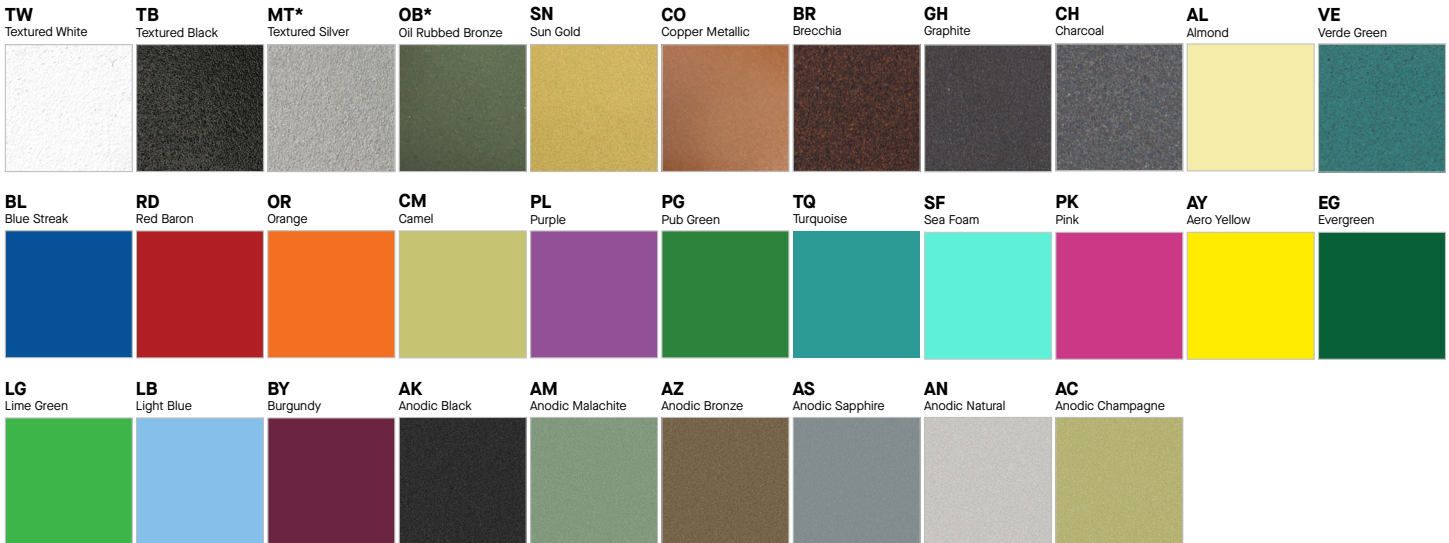
| TIER                       | COST            | AVERAGE PAINT TIME* |
|----------------------------|-----------------|---------------------|
| Tier 1 - Standard Finishes | \$              | ⓪                   |
| Tier 2 - Typical Finishes  | \$\$            | ⓪⓪                  |
| Custom Color               | Contact Factory | Contact Factory     |

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

**CC**  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

