



## 4" ROUND DIRECT PRO-FORM SERIES



### C0412XT - CEILING MOUNT

#### APPLICATION

4" round x 12" high luminaire is a compact design for high output focused illumination.

#### FEATURES

Spectrum's Cylinder series provides contemporary architectural style with high performance and energy efficient illumination. Rugged design with flexible mounting, finish and LED options make these extremely versatile fixtures. Integral LED driver. Quick change LED module with interchangeable optics for job site flexibility and fixture upgrade.

#### FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. All exposed materials are chromate pre-treated to resist corrosion.

#### ELECTRONICS

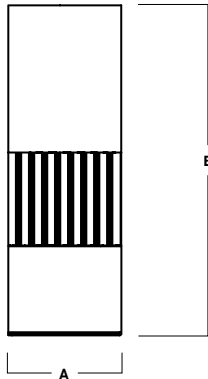
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers.

#### CONSTRUCTION

Fabricated seamless aluminum fixture housing. Primary reflector provides high efficiency illumination. Stainless steel hardware with galvanized brackets to resist corrosion. Die-cast aluminum bezel. Passive aluminum integral heat sink.

#### CODE COMPLIANCE

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



| A               | B                 |
|-----------------|-------------------|
| 4.0<br>101.6 mm | 11.25<br>285.8 mm |

Fixture Weight: 7.8 lbs

| LUMENS / WATTAGE DATA |                            |                               |                           |     |
|-----------------------|----------------------------|-------------------------------|---------------------------|-----|
| PART NUMBER           | SOURCE LUMENS <sup>1</sup> | DELIVERED LUMENS <sup>2</sup> | SYSTEM WATTS <sup>3</sup> | LPW |
| C0412XT10L            | 1000                       | 698                           | 9                         | 77  |
| C0412XT13L            | 1300                       | 941                           | 13                        | 72  |
| C0412XT20L            | 2000                       | 1448                          | 22                        | 67  |
| C0412XT30L            | 3000                       | 2171                          | 33                        | 67  |
| C0412XT40L            | 4000                       | 2787                          | 38                        | 74  |

| SERIES  | LUMENS <sup>1</sup> | CCT       | OPTICS     | DRIVER / DIMMING <sup>4</sup>    | OPTIONS <sup>6</sup>                     | MOUNTING <sup>9</sup>                     | FINISH <sup>12</sup>             |
|---------|---------------------|-----------|------------|----------------------------------|--|---|----------------------------------|
| C0412XT | 10L 1000 Lm         | 83 CRI    | ND 17°     | EX Electronic Driver, 120V/277V  | CR Corrosion Resistant                   | HM <sup>10</sup> Hang Straight            | MW <sup>13</sup> Matte White     |
|         | 13L 1300 Lm         | 27K 2700K | MD 27°     | DS10X 10%, 0-10V, 120V/277V      | BB Black Baffle                          | PM <sup>10</sup> Rigid Pendant Mount      | MB <sup>13</sup> Matte Black     |
|         | 20L 2000 Lm         | 30K 3000K | WD 37°     | DO10X 1%, 0-10V, 120V/277V       | HL34 Hex Louver                          | AT <sup>10</sup> Hang Straight All Thread | PT <sup>13</sup> Platinum Silver |
|         | 30L 3000 Lm         | 35K 3500K | XW 54°     | DS2W1 <sup>5</sup> ELV/MLV, 120V |  | CD <sup>10/11</sup> Cord / Cable Mount    | CC Custom Color                  |
|         | 40L 4000 Lm         | 40K 4000K |            |                                  |  | SM Surface Mount                          |                                  |
|         |                     |           | 98 CRI     |                                  |  | YK Yoke Mount                             |                                  |
|         |                     |           | 27HK 2700K |                                  |  | LENS                                      |                                  |
|         |                     |           | 30HK 3000K |                                  |  | EMERGENCY BATTERY OPTIONS                 |                                  |
|         |                     |           | 35HK 3500K |                                  |  | NL No Lens                                | EMCR 10W Canopy Mounted EM       |
|         |                     |           | 40HK 4000K |                                  |  | GL <sup>7</sup> Clear Glass Lens          | EMRM 7W Remote EM                |
|         |                     |           |            |                                  | SO <sup>8</sup> Micro Prism Solite™ Lens | EMEN 7W Remote with Enclosure             |                                  |

#### EXAMPLE: C0412XT20L35KWDEX/SO/HM72/MW

#### NOTES:

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-BB-NL-MW 3 At 83 CRI 4 Contact Factory for Additional Options 5 Available 30L 80CRI and Bellows 6 See Product Options Page for Details 7 Standard Lens for ND 8 Standard Lens for MD, WD, XW 9 See Mounting Page for Details on Components and Finishes 10 Specify Length in Inches: See Mounting Page for Available Lengths 11 EMxxxx Option Requires 2 Cords 12 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 13 Standard Finishes



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



# 4" ROUND DIRECT

PRO-FORM SERIES / FIXTURE OPTIONS



## STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

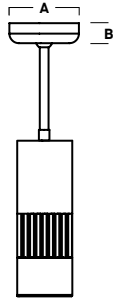


**PT**  
PLATINUM SILVER



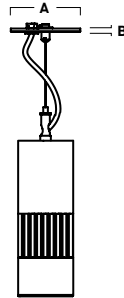
## MOUNTING TYPES

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



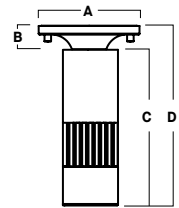
| A        | B       |
|----------|---------|
| 5.0      | 1.5     |
| 127.0 mm | 38.1 mm |

**CD**  
CORD / CABLE MOUNT



| A        | B      |
|----------|--------|
| 5.0      | .25    |
| 127.0 mm | 6.4 mm |

**SM**  
SURFACE MOUNT

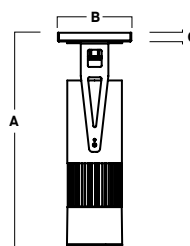


| A        | B        | C        | D        |
|----------|----------|----------|----------|
| 5.5      | 1.4      | 11.24    | 12.64    |
| 139.7 mm | 35.56 mm | 285.5 mm | 321.1 mm |

**YK**  
YOKE MOUNT

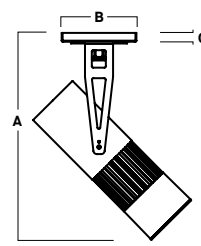


0° POSITION



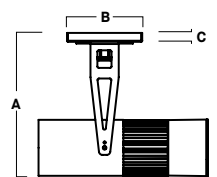
| A        | B        | C       |
|----------|----------|---------|
| 15.4     | 5.3      | .63     |
| 391.2 mm | 134.6 mm | 16.0 mm |

45° POSITION



| A        | B        | C       |
|----------|----------|---------|
| 14.7     | 5.3      | .63     |
| 372.4 mm | 134.6 mm | 16.0 mm |

90° TILT



| A        | B        | C       |
|----------|----------|---------|
| 10.1     | 5.3      | .63     |
| 256.5 mm | 134.6 mm | 16.0 mm |

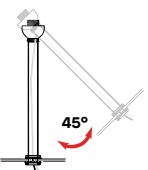
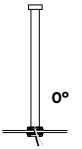
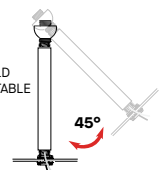
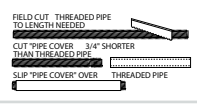
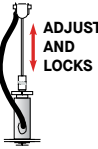
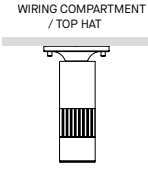
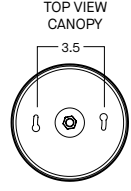
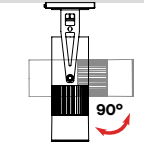
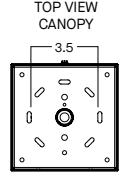


# STANDARD MOUNTING & ACCESSORIES

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 CYLINDERS SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



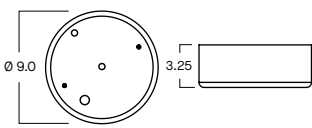
## MOUNTING TYPES

|  |   |  |   |  |  |
|--|---|--|---|--|--|
| <p><b>HM*</b><br/>HANG STRAIGHT<br/>45° SWIVEL 5/8" OD STEM - 3/8" IP</p>  <p>ORDER: <b>HM</b> (Length)<br/>SPECIFY LENGTH:<br/><b>HM3</b> - 3"    <b>HM24</b> - 24"<br/><b>HM6</b> - 6"    <b>HM36</b> - 36"<br/><b>HM12</b> - 12"    <b>HM48</b> - 48"<br/><b>HM18</b> - 18"    <b>HM72</b> - 72"<br/><b>HMLC(XX)</b><br/>Custom Length<br/>(Specify in Inches)</p> | <p><b>PM*</b><br/>RIGID PENDANT MOUNT<br/>RIGID 5/8" OD STEM - 3/8" IP</p>  <p>ORDER: <b>PM</b> (Length)<br/>SPECIFY LENGTH:<br/><b>PM3</b> - 3"    <b>PM24</b> - 24"<br/><b>PM6</b> - 6"    <b>PM36</b> - 36"<br/><b>PM12</b> - 12"    <b>PM48</b> - 48"<br/><b>PM18</b> - 18"    <b>PM72</b> - 72"<br/><b>PMLC(XX)</b><br/>Custom Length<br/>(Specify in Inches)</p> | <p><b>AT**</b><br/>HANG STRAIGHT ALL THREAD<br/>45° SWIVEL 5/8" OD STEM - 1/4" IP</p>  <p>ORDER: <b>AT</b> (Length)<br/>SPECIFY LENGTH:<br/><b>AT12</b> - 12"<br/><b>AT24</b> - 24"<br/><b>AT36</b> - 36"</p>  | <p><b>CD</b><br/>CORD / CABLE MOUNT<br/>SJ CORD WITH 1/16 SS CABLE</p>  <p>ORDER: <b>CD</b> (Length)<br/>SPECIFY LENGTH:<br/><b>CD36</b> - 36"<br/><b>CD72</b> - 72"<br/><b>CD144</b> - 144"<br/><b>CDLC(XX)</b><br/>Custom Length<br/>(Specify in Inches)</p> | <p><b>SM</b><br/>SURFACE MOUNT<br/>WIRING COMPARTMENT / TOP HAT</p>  <p>ORDER: <b>SM</b><br/>TOP VIEW CANOPY</p>  <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p> | <p><b>YK</b><br/>YOKE MOUNT</p>  <p>ORDER: <b>YK</b><br/>TOP VIEW CANOPY</p>  <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p> |
|--|---|--|---|--|--|

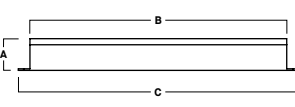

\*MAXIMUM ONE PIECE STEM LENGTH IS 72". \*\*MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

## EMERGENCY BATTERY OPTIONS

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



## REMOTE EMERGENCY BATTERY OPTIONS

| <p><b>EMRM*</b> - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p>  <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table> | A    | B    | C | 1.3 | 12.6 | 13.0 | <p><b>EMEN*</b> - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p>  <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table> | A | B | C | 2.0 | 17.0 | 6.2 |
|---|------|------|---|-----|------|------|--|---|---|---|-----|------|-----|
| A   | B    | C    |   |     |      |      |  |   |   |   |     |      |     |
| 1.3   | 12.6 | 13.0 |   |     |      |      |  |   |   |   |     |      |     |
| A   | B    | C    |   |     |      |      |  |   |   |   |     |      |     |
| 2.0   | 17.0 | 6.2  |   |     |      |      |  |   |   |   |     |      |     |

\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY



# 4" ROUND DIRECT

## PRO-FORM SERIES / PHOTOMETRIC DATA



C0412XT-40L-xxK-ND-EX-BB-xx-MW

| CANDLEPOWER CURVE<br>TEST SP-00567 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS         | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |                             |                  |                       | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT  |                    |                     |      |       |      |
|------------------------------------|------------------------------------|----------------------|---|-----------------------------|------------------|-----------------------|---|--------------------|---------------------|------|-------|------|
|                                    |                                    |                      | Mounting<br>Height<br>AFF   | FC at<br>Center<br>on Floor | Beam<br>Diameter | FC at<br>Beam<br>Edge | Ceiling<br>Height   | Fixture<br>Spacing | RCR 4               |      | RCR 6 |      |
|                                    | 0°                                 | 0° - 10° 1,760 45%   | 8'  | 357 fc                      | 2.5'             | 172 fc                | 18'   | 4'                 | 114                 | 1.11 | 108   | 1.12 |
|                                    | 0° 22,833                          | 0° - 20° 3,030 77%   | 10'   | 228 fc                      | 3.2'             | 110 fc                | 21'   | 5'                 | 105                 | 1.03 | 73    | 0.76 |
|                                    | 5° 18,484                          | 0° - 30° 3,727 94%   | 12'   | 159 fc                      | 3.8'             | 76 fc                 | 24'   | 6'                 | 76                  | 0.74 | 83    | 0.86 |
|                                    | 15° 4,279                          | 0° - 40° 3,931 100%  | 14'   | 116 fc                      | 4.4'             | 56 fc                 | Delivered<br>Illuminance<br>Rating: (DIR)   |                    |                     |      |       |      |
|                                    | 25° 1,534                          | 0° - 60° 3,942 100%  | 16'   | 89 fc                       | 5.1'             | 43 fc                 | 103 FC per W/Sq. Ft.  |                    | 96 FC per W/Sq. Ft. |      |       |      |
|                                    | 35° 261                            | 0° - 80° 3,947 100%  | 20'   | 57 fc                       | 6.3'             | 28 fc                 | 1.5' Suspension Length to luminous aperture<br>Square rooms used for multiple units:<br>RCR 4: Length & Width = Ceiling Ht. - 4.0' x 2.50<br>RCR 6: Length & Width = Ceiling Ht. - 4.0' x 1.66<br>* Average Footcandles at 2.5' Above Floor |                    |                     |      |       |      |
|                                    | 45° 5                              | Downlight 3,948 100% | 24'   | 40 fc                       | 7.6'             | 19 fc                 |   |                    |                     |      |       |      |
|                                    | 55° 7                              | Total 3,948 100%     | 28'   | 29 fc                       | 8.9'             | 14 fc                 |   |                    |                     |      |       |      |
|                                    | 90° 2                              |                      |   |                             |                  |                       |   |                    |                     |      |       |      |

Delivered Lumens: 3,948  
Luminaire Watts: 37.9  
LER: 104.17

CP at 0° (Nadir): 22,833  
CRI: 83

Beam Angle: 18°  
Spacing Ratio: 0.31

Lumen Multiplier: 10L x 0.25, 13L x 0.34, 20L x 0.52, 30L x 0.78  
CCT Multiplier: Same for all available CCTs

C0412XT-40L-xxK-MD-EX-BB-xx-MW

| CANDLEPOWER CURVE<br>TEST SP-00567_4 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS         | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |                             |                  |                       | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT  |                    |                     |      |       |      |
|--------------------------------------|------------------------------------|----------------------|---|-----------------------------|------------------|-----------------------|---|--------------------|---------------------|------|-------|------|
|                                      |                                    |                      | Mounting<br>Height<br>AFF   | FC at<br>Center<br>on Floor | Beam<br>Diameter | FC at<br>Beam<br>Edge | Ceiling<br>Height   | Fixture<br>Spacing | RCR 3               |      | RCR 5 |      |
|                                      | 0°                                 | 0° - 10° 1,167 31%   | 8'  | 192 fc                      | 3.8'             | 89 fc                 | 15'   | 4'                 | 109                 | 1.12 | 70    | 0.77 |
|                                      | 0° 12,317                          | 0° - 20° 2,586 70%   | 10'   | 123 fc                      | 4.7'             | 57 fc                 | 18'   | 5'                 | 90                  | 0.92 | 75    | 0.83 |
|                                      | 5° 11,404                          | 0° - 30° 3,458 93%   | 12'   | 86 fc                       | 5.7'             | 39 fc                 | 21'   | 6'                 | 79                  | 0.80 | 79    | 0.87 |
|                                      | 15° 5,089                          | 0° - 40° 3,678 99%   | 14'   | 63 fc                       | 6.6'             | 29 fc                 | Delivered<br>Illuminance<br>Rating: (DIR)   |                    |                     |      |       |      |
|                                      | 25° 1,904                          | 0° - 60° 3,701 100%  | 16'   | 48 fc                       | 7.6'             | 22 fc                 | 98 FC per W/Sq. Ft.   |                    | 90 FC per W/Sq. Ft. |      |       |      |
|                                      | 35° 236                            | 0° - 80° 3,709 100%  | 20'   | 31 fc                       | 9.5'             | 14 fc                 | 2' Suspension Length to luminous aperture<br>Square rooms used for multiple units:<br>RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33<br>RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00<br>* Average Footcandles at 2.5' Above Floor |                    |                     |      |       |      |
|                                      | 45° 10                             | Downlight 3,711 100% | 24'   | 21 fc                       | 11.4'            | 10 fc                 |   |                    |                     |      |       |      |
|                                      | 55° 11                             | Total 3,711 100%     | 28'   | 16 fc                       | 13.3'            | 7 fc                  |   |                    |                     |      |       |      |
|                                      | 90° 2                              |                      |   |                             |                  |                       |   |                    |                     |      |       |      |

Delivered Lumens: 3,711  
Luminaire Watts: 37.9  
LER: 97.92

CP at 0° (Nadir): 12,317  
CRI: 83

Beam Angle: 27°  
Spacing Ratio: 0.44

Lumen Multiplier: 10L x 0.25, 13L x 0.34, 20L x 0.52, 30L x 0.78  
CCT Multiplier: Same for all available CCTs

C0412XT-40L-xxK-WD-EX-BB-xx-MW

| CANDLEPOWER CURVE<br>TEST SP-00567_8 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS         | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |                             |                  |                       | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT  |                    |                     |      |       |      |
|--------------------------------------|------------------------------------|----------------------|---|-----------------------------|------------------|-----------------------|---|--------------------|---------------------|------|-------|------|
|                                      |                                    |                      | Mounting<br>Height<br>AFF   | FC at<br>Center<br>on Floor | Beam<br>Diameter | FC at<br>Beam<br>Edge | Ceiling<br>Height   | Fixture<br>Spacing | RCR 3               |      | RCR 5 |      |
|                                      | 0°                                 | 0° - 10° 886 24%     | 8'  | 131 fc                      | 5.4'             | 56 fc                 | 15'   | 6'                 | 75                  | 0.78 | 68    | 0.77 |
|                                      | 0° 8,408                           | 0° - 20° 2,345 63%   | 10'   | 84 fc                       | 6.7'             | 36 fc                 | 18'   | 8'                 | 45                  | 0.47 | 41    | 0.47 |
|                                      | 5° 8,140                           | 0° - 30° 3,404 92%   | 12'   | 58 fc                       | 8.1'             | 25 fc                 | 21'   | 10'                | 30                  | 0.31 | 28    | 0.31 |
|                                      | 15° 5,497                          | 0° - 40° 3,674 99%   | 14'   | 43 fc                       | 9.4'             | 18 fc                 | Delivered<br>Illuminance<br>Rating: (DIR)   |                    |                     |      |       |      |
|                                      | 25° 2,377                          | 0° - 60° 3,693 100%  | 16'   | 33 fc                       | 10.8'            | 14 fc                 | 97 FC per W/Sq. Ft.   |                    | 88 FC per W/Sq. Ft. |      |       |      |
|                                      | 35° 321                            | 0° - 80° 3,699 100%  | 20'   | 21 fc                       | 13.5'            | 9 fc                  | 2' Suspension Length to luminous aperture<br>Square rooms used for multiple units:<br>RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33<br>RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00<br>* Average Footcandles at 2.5' Above Floor |                    |                     |      |       |      |
|                                      | 45° 16                             | Downlight 3,700 100% | 24'   | 15 fc                       | 16.2'            | 6 fc                  |   |                    |                     |      |       |      |
|                                      | 55° 5                              | Total 3,700 100%     | 28'   | 11 fc                       | 18.9'            | 5 fc                  |   |                    |                     |      |       |      |
|                                      | 90° 1                              |                      |   |                             |                  |                       |   |                    |                     |      |       |      |

Delivered Lumens: 3,700  
Luminaire Watts: 37.9  
LER: 97.63

CP at 0° (Nadir): 8,408  
CRI: 83

Beam Angle: 37°  
Spacing Ratio: 0.60

Lumen Multiplier: 10L x 0.25, 13L x 0.34, 20L x 0.52, 30L x 0.78  
CCT Multiplier: Same for all available CCTs



# 4" ROUND DIRECT

## PRO-FORM SERIES / PHOTOMETRIC DATA



C0412XT-40L-xxK-XW-EX-BB-xx-MW

| CANDLEPOWER CURVE<br>TEST SP-00567_12 | INTENSITY<br>CANDELA<br>0° AZIMUTH | ZONAL LUMENS |           | SINGLE UNIT: PERFORMANCE<br>DIRECT FOOTCANDLES<br>BASED ON DOWNLIGHT ONLY |      |                           |                             | MULTIPLE UNITS: PERFORMANCE<br>80/50/20% REFLECTANCES<br>INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT |                       |   |                    |           |      |           |                      |
|---------------------------------------|------------------------------------|--------------|-----------|---|------|---------------------------|-----------------------------|--|-----------------------|---|--------------------|-----------|------|-----------|----------------------|
|                                       |                                    | 0°           | 0° - 10°  | 567   | 15%  | Mounting<br>Height<br>AFF | FC at<br>Center<br>on Floor | Beam<br>Diameter   | FC at<br>Beam<br>Edge | Ceiling<br>Height   | Fixture<br>Spacing | RCR 2     |      | RCR 4     |                      |
|                                       |                                    |              |           |   |      |                           |                             |  |                       |   | FC *               | W/Sq. Ft. | FC * | W/Sq. Ft. |                      |
|                                       | 0°                                 | 5.145        | 0° - 10°  | 567   | 15%  | 8'                        | 80 fc                       | 8.1'   | 28 fc                 | 12'   | 6'                 | 69        | 0.67 | 88        | 0.97                 |
|                                       | 0°                                 | 5.145        | 0° - 20°  | 1,796   | 48%  | 10'                       | 51 fc                       | 10.2'  | 18 fc                 | 15'   | 8'                 | 50        | 0.50 | 45        | 0.50                 |
|                                       | 5°                                 | 5.043        | 0° - 30°  | 3,156   | 84%  | 12'                       | 36 fc                       | 12.2'  | 13 fc                 | 18'   | 10'                | 31        | 0.30 | 27        | 0.30                 |
|                                       | 15°                                | 4,450        | 0° - 40°  | 3,695   | 98%  | 14'                       | 26 fc                       | 14.2'  | 9 fc                  | Delivered<br>Illuminance<br>Rating: (DIR)   |                    |           |      |           |                      |
|                                       | 25°                                | 3,036        | 0° - 60°  | 3,769   | 100% | 16'                       | 20 fc                       | 16.3'  | 7 fc                  |   |                    |           |      |           | 102 FC per W/Sq. Ft. |
|                                       | 35°                                | 685          | 0° - 80°  | 3,776   | 100% | 20'                       | 13 fc                       | 20.3'  | 5 fc                  | 2' Suspension Length to luminous aperture<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 |                    |           |      |           |                      |
|                                       | 45°                                | 52           | Downlight | 3,777   | 100% | 24'                       | 9 fc                        | 24.4'  | 3 fc                  |   |                    |           |      |           |                      |
|                                       | 55°                                | 4            | Total     | 3,777   | 100% | 28'                       | 7 fc                        | 28.4'  | 2 fc                  |   |                    |           |      |           |                      |
|                                       | 90°                                | 2            |           |   |      |                           |                             |  |                       |   |                    |           |      |           |                      |

Delivered Lumens: 3,777  
Luminaire Watts: 37.9  
LER: 99.66

CP at 0° (Nadir): 5,145  
CRI: 83

Beam Angle: 54°  
Spacing Ratio: 0.86

Lumen Multiplier: 10L x 0.25, 13L x 0.34, 20L x 0.52, 30L x 0.78  
CCT Multiplier: Same for all available CCT's

