

# 4" Cylinder



|               |       |
|---------------|-------|
| Project:      | Type: |
| Product Code: | Date: |

V042026

## Decorative Pendant with Shades

- Add a decorative layer of light to your space with three unique shade designs
- Embedded drivers allow for down to 0.1% dimming options within the pendant and eliminate need to locate anything above the canopy
- Shadowless pendant uplight allows for direct and indirect lighting from a single cylinder
- Concealed hardware allows die-cast aluminum shades to seamlessly integrate into the pendant, resulting in a sleek and symmetrical aesthetic

### CYLINDER

#### Mount

Cord, Stem

#### Cylinder Size

Diameter: 4"

Height: 4", 8", 12"

#### Shade Size

Diameter:

Narrow (6.14"), Medium (9.53"), Wide (12.51")

Height:

Narrow (9.36"), Medium (5.34"), Wide (7.94")

#### Suspension Length

Standard: 24" or 48"

Custom: Up to 156" (Cord) or 96" (Stem)

#### Canopy

Standard

#### Shades

Narrow, Medium, Wide

#### Finish

White, Black

### EMERGENCY LIGHTING

Optional Remote Inverter or Emergency LED Driver for lighting up to 90 minutes in event of power failure

### LIGHT OUTPUT & DISTRIBUTION

#### Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W),  
1250 lm (14.3W), 1500 lm (14.3W),  
2000 lm (24.5W), 2500 lm (27.5W),  
3000 lm (34W)

#### Color Quality

93 CRI, 2-step SDCM

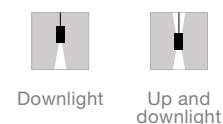
#### Color Temperature

- 2700K 3000K 3500K  
4000K Warm Dim (3000K–1800K)  
Tunable White (4000K–1800K)  
Tunable White (6500K–2700K)

#### Beam Spread

- 15° Narrow Spot  
25° Spot  
40° Flood  
60° Wide Flood  
90°+ General Ambient

#### Lighting Type



### POWER & CONTROLS

#### Input Voltage

120/277V

#### Dimming

0-10V (120/277V): 1%

TRIAC/ELV (120V): 1%

DALI-2 (120/277V): 0.1%

### RATINGS & CERTIFICATIONS

UL Listed for Damp Location

DarkSky Approved  
(Downlight only, CCT less than or equal to 3000K)

### WARRANTY

5 year limited warranty; 50,000 hours



Declare.



DARKSKY  
APPROVED  
Reduces light pollution  
Certified by DarkSky.org





## PRODUCT BUILDER

EXAMPLE: 4CPR04C2SD07NS0000030WHO00MNV

|                             |     |     |                                                                                           |     |                                                                                           |     |                                             |    |             |
|-----------------------------|-----|-----|-------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|-----|---------------------------------------------|----|-------------|
| CYLINDER                    | 4CP | 4CP | 4" Diameter Pendant Mount Cylinder                                                        |     |                                                                                           |     |                                             |    |             |
| SHAPE                       | R   | R   | Round                                                                                     |     |                                                                                           |     |                                             |    |             |
| SIZE                        |     | 04  | 4 Inch (1500 lm Max)                                                                      | 08  | 8 Inch (2000 lm Max)                                                                      | 12  | 12 Inch (3000 lm Max)                       |    |             |
| SUSPENSION                  |     | C   | Cord                                                                                      | S   | Stem                                                                                      |     |                                             |    |             |
| LENGTH                      |     | 2   | 24"                                                                                       | 4   | 48"                                                                                       | C   | Custom <sup>1</sup>                         |    |             |
| CANOPY                      | S   | S   | Standard                                                                                  |     |                                                                                           |     |                                             |    |             |
| LIGHT OPTIONS               | D   | D   | Downlight                                                                                 |     |                                                                                           |     |                                             |    |             |
| LUMENS DOWN                 |     | 07  | 750 lm                                                                                    | 10  | 1000 lm                                                                                   | 12  | 1250 lm                                     | 15 | 1500 lm     |
|                             |     | 20  | 2000 lm <sup>2</sup>                                                                      | 25  | 2500 lm <sup>2</sup>                                                                      | 30  | 3000 lm <sup>2</sup>                        |    |             |
| BEAM SPREAD DOWN            |     | NS  | Narrow Spot (15°) <sup>4,5</sup>                                                          | SP  | Spot (25°)                                                                                | FL  | Flood (40°)                                 |    |             |
|                             |     | WF  | Wide Flood (60°)                                                                          | GA  | General Ambient (90°+)                                                                    |     |                                             |    |             |
| SPECIALTY LENS              | 0   | 0   | None                                                                                      |     |                                                                                           |     |                                             |    |             |
| LUMENS UP <sup>3</sup>      |     | 00  | None <sup>Ⓢ</sup>                                                                         | 07  | 750 lm                                                                                    | 10  | 1000 lm                                     | 12 | 1200 lm     |
|                             |     | 15  | 1500 lm                                                                                   | 20  | 2000 lm <sup>2</sup>                                                                      |     |                                             |    |             |
| BEAM SPREAD UP <sup>3</sup> |     | 00  | None <sup>Ⓢ</sup>                                                                         | NS  | Narrow Spot (15°)                                                                         | SP  | Spot (25°)                                  | FL | Flood (40°) |
|                             |     | WF  | Wide Flood (60°)                                                                          | GA  | General Ambient (90°+)                                                                    |     |                                             |    |             |
| CCT                         |     | 27  | 2700K <sup>Ⓢ</sup>                                                                        | 30  | 3000K <sup>Ⓢ</sup>                                                                        | 35  | 3500K                                       | 40 | 4000K       |
|                             |     | 3W  | Warm Dim <sup>6</sup> <sup>Ⓢ</sup><br>(3000K-1800K)                                       | T1  | Tunable White <sup>7</sup><br>(4000K-1800K)                                               | T2  | Tunable White <sup>7</sup><br>(6500K-2700K) |    |             |
| FINISH                      |     | WH  | White  | BK  | Black  |     |                                             |    |             |
| DIMMING                     |     | O   | 0-10V (1%)                                                                                | T   | TRIAC/ELV (1%)                                                                            | D   | DALI-2 (0.1%) <sup>8</sup>                  |    |             |
| EMERGENCY                   |     | 00  | None                                                                                      | EO  | Emergency, Open Ceiling <sup>9</sup>                                                      |     |                                             |    |             |
| SHADES                      |     | MNW | Narrow Shade, White                                                                       | MMW | Medium Shade, White                                                                       | MWW | Wide Shade, White                           |    |             |
|                             |     | MNB | Narrow Shade, Black                                                                       | MMB | Medium Shade, Black                                                                       | MWB | Wide Shade, Black                           |    |             |

## LOOSE ACCESSORIES

|         |                                       |
|---------|---------------------------------------|
| 4CCX-JW | Junction Box Cover, White             |
| 4CCX-JB | Junction Box Cover, Black             |
| 4CPX-CC | Custom Length Cord Mount (Up to 156") |
| 4CPX-SC | Custom Stem Mount (up to 96")         |

<sup>Ⓢ</sup> Required for Dark Sky Compliance

<sup>1</sup> Custom Length Cord/Stem must be specified on PO, minimum length 3", maximum length 156" (Cord), 96" (Stem)

<sup>2</sup> Only available in 0-10V

<sup>3</sup> Only applicable to 8" (max combined 2000lm) or 12" (max combined 3000lm) size mounts; Otherwise, select None

<sup>4</sup> Not available in Warm Dim or Tunable White

<sup>5</sup> Only available in 750 lm, 1000 lm, 1250 lm, 1500 lm, or 2000lm

<sup>6</sup> Only available in 1000 lm; Not available in Narrow Spot

<sup>7</sup> Only available in 1000 lm Downlight; Not available in Narrow Spot; DALI-2 only

<sup>8</sup> Only available in 1000 lm Warm Dim, Tunable White or 1250 lm Static CCT Downlight

<sup>9</sup> Not available in Uplight; TRIAC/ELV driver utilizes micro inverter; 0-10V drivers utilize EM Kit mounted above ceiling with emergency LED driver & remote test switch

## SUMMARY

|                      | STATIC CCT                                                                                                                                                                                                                                                               | WARM DIM                                                                | TUNABLE WHITE                                               |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>CCT</b>           | 2700K, 3000K, 3500K, 4000K                                                                                                                                                                                                                                               | 3000K - 1800K                                                           | 4000K - 1800K; 6500K - 2700K                                |
| <b>LUMENS</b>        | 750 lm (9.5W), 1000 lm (12.5W),<br>1250 lm (14.3W), 1500lm (14.3W),<br>2000 lm (24.5W), 2500 lm (27.5W),<br>3000 lm (34.0W)                                                                                                                                              | 1000 lm (12.5W)                                                         | 1000 lm (14.5W)                                             |
| <b>EFFICACY</b>      | 79 lm/W, 80 lm/W, 87 lm/W,<br>105 lm/W, 82 lm/W, 91 lm/W,<br>88 lm/W                                                                                                                                                                                                     | 80 lm/W                                                                 | 69 lm/W                                                     |
| <b>COLOR QUALITY</b> | 93 CRI <sup>1</sup> , 2-step SDCM                                                                                                                                                                                                                                        | 93 CRI <sup>1</sup> , 3-step SDCM                                       | 93 CRI <sup>1</sup> , 3-step SDCM                           |
| <b>BEAM SPREAD</b>   | Narrow Spot (20°), Spot (25°),<br>Flood (40°), Wide Flood (60°),<br>General (90°)                                                                                                                                                                                        | Spot (25°), Flood (40°),<br>Wide Flood (60°), General (90°)             | Spot (25°), Flood (40°),<br>Wide Flood (60°), General (90°) |
| <b>DIMMING</b>       | 0-10V (120/277V): 1%<br>TRIAC/ELV (120V): 1%<br>DALI-2 (120/277V): 0.1%                                                                                                                                                                                                  | 0-10V (120/277V): 1%<br>TRIAC/ELV (120V): 1%<br>DALI-2 (120/277V): 0.1% | DALI-2 (120/277V): 0.1%                                     |
| <b>LED CHIP</b>      | Cree                                                                                                                                                                                                                                                                     | Bridgelux                                                               | Bridgelux                                                   |
| <b>LISTINGS</b>      | ENERGY STAR <sup>®</sup> qualified <sup>2</sup> , California Title 24 2019-2022 JA8-E compliant, UL Listed for Damp Location, UL Certified US-CA, Declare, RoHS compliant, DALI-2 Compliant, Compliant to FCC Title 47 Part 15; Class B, Dark Sky Compliant <sup>3</sup> |                                                                         |                                                             |

<sup>1</sup> Tested in accordance to IESNA LM-79-2008<sup>2</sup> Refer to ENERGY STAR Certified light fixtures database<sup>3</sup> Dark Sky approved is only applicable to CCT Options less than or equal to 3000K

## ADDITIONAL

**INPUT VOLTAGE:** 120/277V, 50/60Hz**MAX INPUT CURRENT (120V):** 0.11 amps**MAX INPUT CURRENT (277V):** 0.05 amps**POWER FACTOR:** Greater than 0.9**TOTAL HARMONIC DISTORTION:** Less than 20%**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C**LIFETIME:** 50,000 hours at 70% lumen maintenance**WARRANTY:** 5 year limited warranty**CYLINDER:** Extruded aluminum**CYLINDER DIMENSIONS:**

Diameter: 4"

Height: 4", 8", 12"

**SHADE DIMENSIONS:**

Diameter: Narrow 6.14", Medium 9.53", Wide 12.51"

Height: Narrow 9.36", Medium 5.34", Wide 7.94"

**SUSPENSION:** 24" or 48" standard length.

Cord: Custom length up to 156". White or black.

Stem: Custom length up to 96". Painted steel stem with hanging straight endpoint up to 30° tilt (meets CA IR 16-9)

**FINISH:** White, Black**INSTALLATION:** Standard Canopy compatible with most 3" octagonal, 4" octagonal, 3" round and 4" round boxes

## DOWNLIGHT MODULE PERFORMANCE

Based on 93 CRI, 3000K Downlight Module + White Medium Shade (MMW) Configuration

(Please refer to IES files for other shade types)

|                |                   | STATIC<br>CCT |       |       |       |       |       | WARM<br>DIM      | T1<br>TUNABLE<br>WHITE | T2<br>TUNABLE<br>WHITE |       |
|----------------|-------------------|---------------|-------|-------|-------|-------|-------|------------------|------------------------|------------------------|-------|
| LED CHIP       |                   | Cree 93 CRI   |       |       |       |       |       | Bridgelux 93 CRI |                        |                        |       |
| SDCM           |                   | 2-STEP        |       |       |       |       |       | 3-STEP           |                        |                        |       |
| PN DESIGNATION |                   | 07            | 10    | 12    | 15    | 20    | 25    | 30               | 10                     | 10                     | 10    |
| WATTAGE        |                   | 9.5W          | 12.5W | 14.3W | 14.3W | 24.5W | 27.5W | 34W              | 12.5W                  | 14.5W                  | 14.5W |
| NS             | Lumens            | 643           | 791   | 1001  | 1131  | 1671  | N/A   |                  |                        |                        |       |
|                | LPW <sup>1</sup>  | 64            | 63    | 70    | 79    | 68    |       |                  |                        |                        |       |
|                | CBCP <sup>2</sup> | 5566          | 7208  | 9125  | 10311 | 15239 |       |                  |                        |                        |       |
|                | UGR <sup>3</sup>  | 6.8           | 7.7   | 8.5   | 9     | 10.3  |       |                  |                        |                        |       |
| SP             | Lumens            | 625           | 809   | 1025  | 1158  | 1712  | 1981  | 2397             | 753                    | 743                    | 728   |
|                | LPW               | 66            | 65    | 72    | 81    | 70    | 72    | 70               | 60                     | 52                     | 51    |
|                | CBCP              | 1701          | 2203  | 2789  | 3151  | 4657  | 8078  | 9774             | 2049                   | 1978                   | 1939  |
|                | UGR               | 8.1           | 9     | 9.8   | 10.2  | 11.6  | 9.8   | 10.4             | 8.7                    | 9.8                    | 9.8   |
| FL             | Lumens            | 587           | 760   | 963   | 1088  | 1608  | 2042  | 2470             | 707                    | 700                    | 686   |
|                | LPW               | 62            | 61    | 67    | 76    | 66    | 74    | 73               | 57                     | 49                     | 48    |
|                | CBCP              | 1179          | 1527  | 1934  | 2185  | 3229  | 3646  | 4411             | 1421                   | 1199                   | 1175  |
|                | UGR               | 10.4          | 11    | 12.1  | 12.6  | 13.9  | 10.2  | 10.9             | 11.1                   | 11.8                   | 11.7  |
| WF             | Lumens            | 572           | 733   | 937   | 1059  | 1565  | 1968  | 2381             | 689                    | 683                    | 669   |
|                | LPW               | 60            | 59    | 65    | 74    | 64    | 72    | 70               | 55                     | 48                     | 47    |
|                | CBCP              | 1005          | 1301  | 1647  | 1861  | 2750  | 2718  | 3289             | 1210                   | 1034                   | 1013  |
|                | UGR               | 10.9          | 11.8  | 12.6  | 13    | 14.4  | 13.2  | 13.8             | 14.8                   | 12.4                   | 12.3  |
| GA             | Lumens            | 473           | 613   | 776   | 877   | 1296  | N/A   |                  | 570                    | 668                    | 655   |
|                | LPW               | 50            | 49    | 54    | 61    | 53    |       |                  | 46                     | 47                     | 46    |
|                | CBCP              | 365           | 473   | 599   | 677   | 1001  |       |                  | 440                    | 495                    | 485   |
|                | UGR               | 17.7          | 15.3  | 16.1  | 16.6  | 17.9  |       |                  | 15.1                   | 15.7                   | 15.6  |

|            |  | STATIC |       |       |       | WARM DIM |       | T1 TUNABLE WHITE |       |       | T2 TUNABLE WHITE |       |       |
|------------|--|--------|-------|-------|-------|----------|-------|------------------|-------|-------|------------------|-------|-------|
| CCT        |  | 2700K  | 3000K | 3500K | 4000K | 1800K    | 3000K | 1800K            | 3000K | 4000K | 2700K            | 3000K | 6500K |
| MULTIPLIER |  | 0.93   | 1     | 1.05  | 1.07  | 0.05     | 1     | 0.73             | 1     | 1.12  | 0.96             | 1     | 1.07  |

| MULTIPLIER   | NS   | SP   | FL   | WF   | GA   | EMERGENCY BATTERY MULTIPLIER |  |
|--------------|------|------|------|------|------|------------------------------|--|
| BLACK FINISH | 0.99 | 0.98 | 0.98 | 0.98 | 0.84 |                              |  |
|              |      |      |      |      |      | 0.6                          |  |

<sup>1</sup> LPW: Lumens per watt

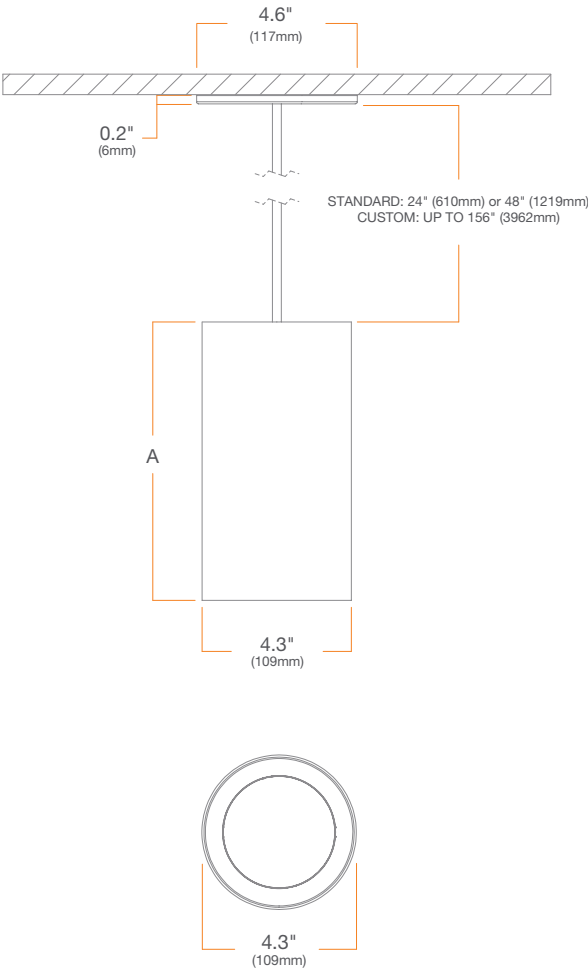
<sup>2</sup> CBCP: Center beam candlepower

<sup>3</sup> UGR: Unified glare ratio (0.7/0.5/0.2, 4H/8H)



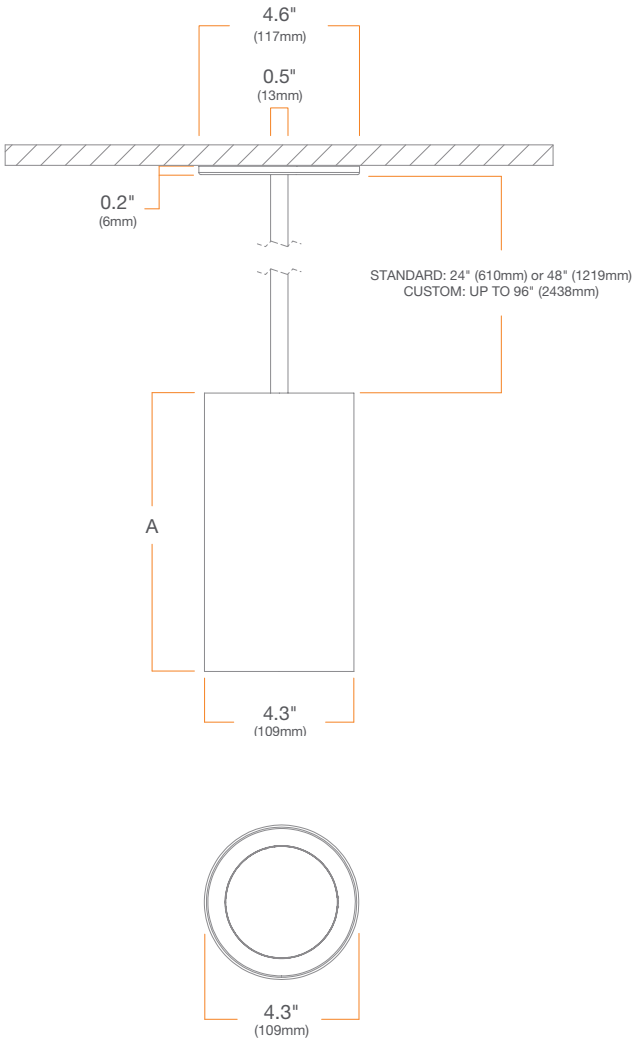
Cord Mount

4CPRxxC



Stem Mount

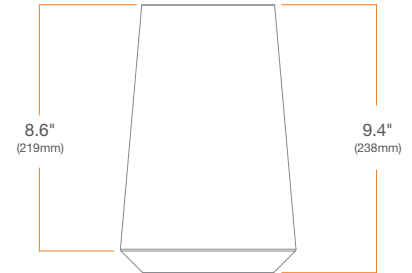
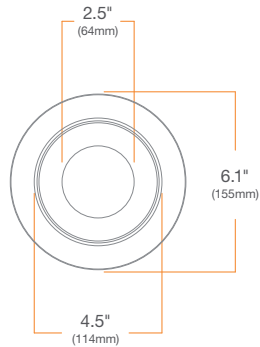
4CPRxxS



| CYLINDER SIZE | A            |
|---------------|--------------|
| Small         | 4" [102 mm]  |
| Medium        | 8" [203 mm]  |
| Large         | 12" [305 mm] |

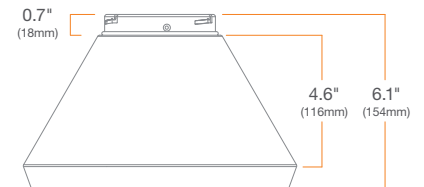
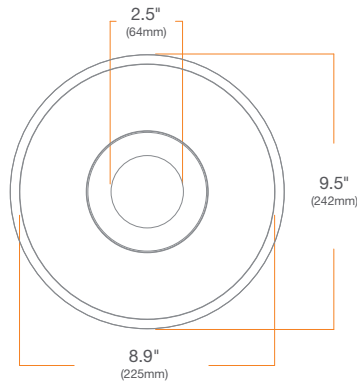
## Narrow Shade

MNB



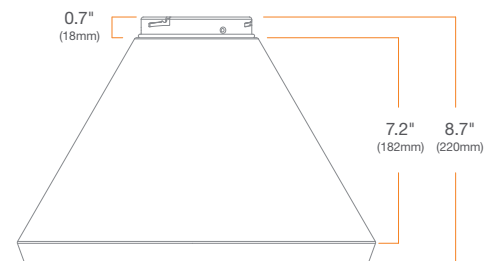
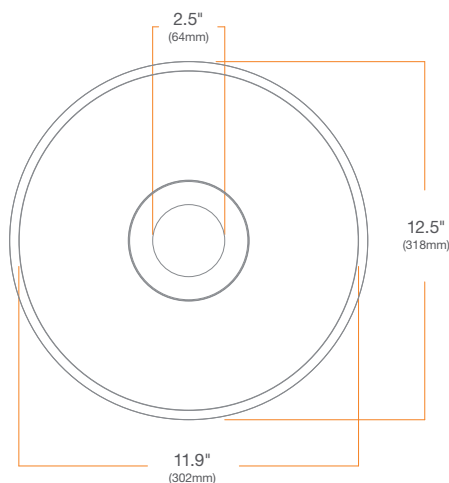
## Medium Shade

MMB

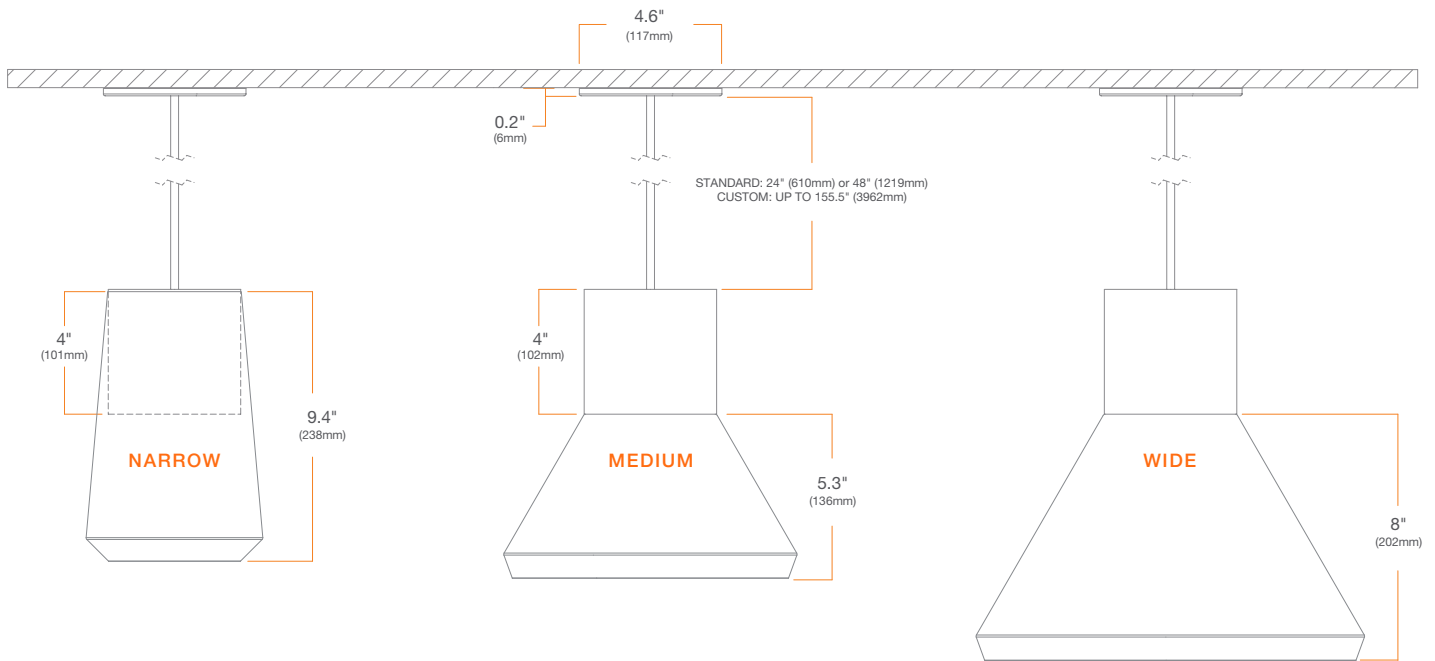


## Wide Shade

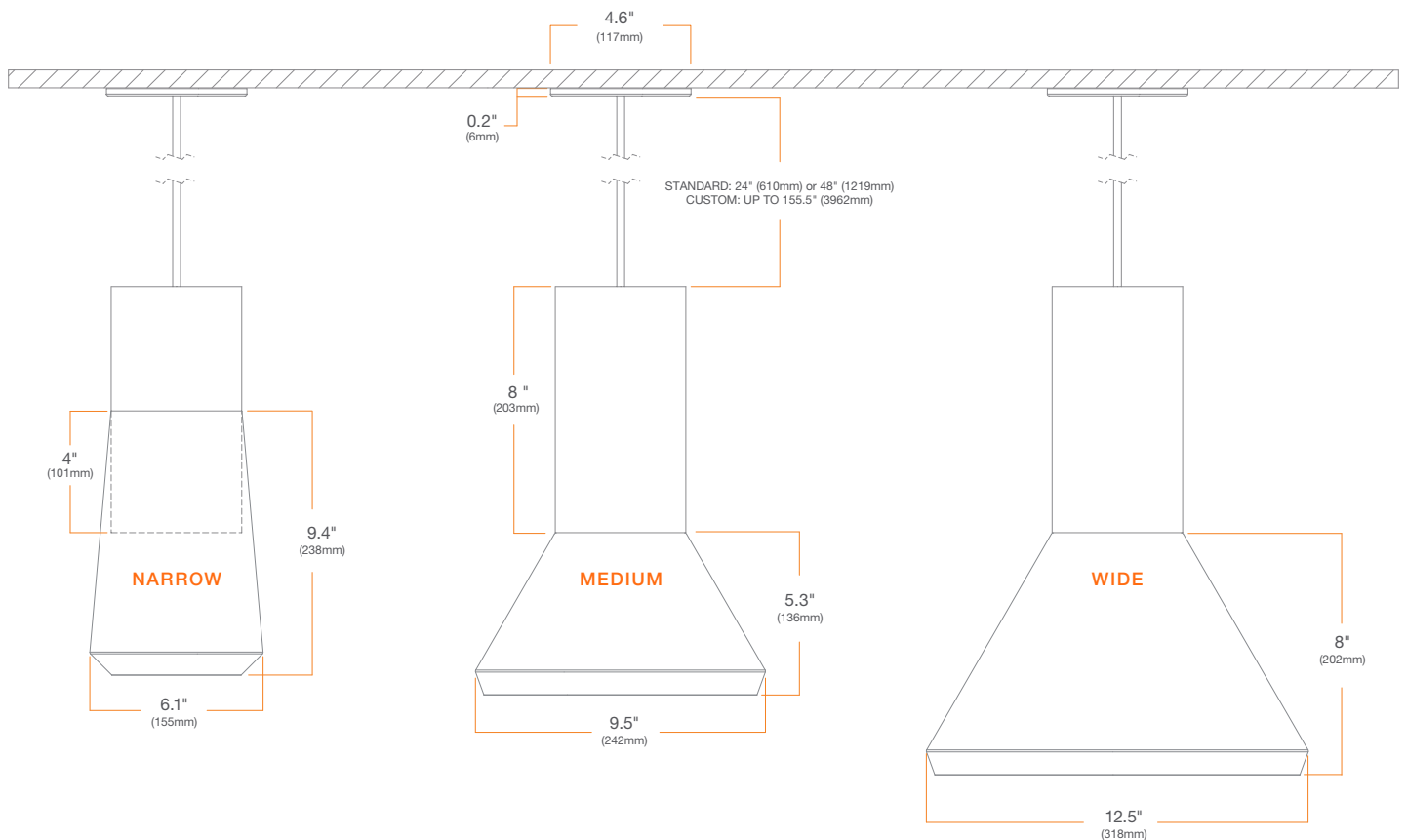
MWB



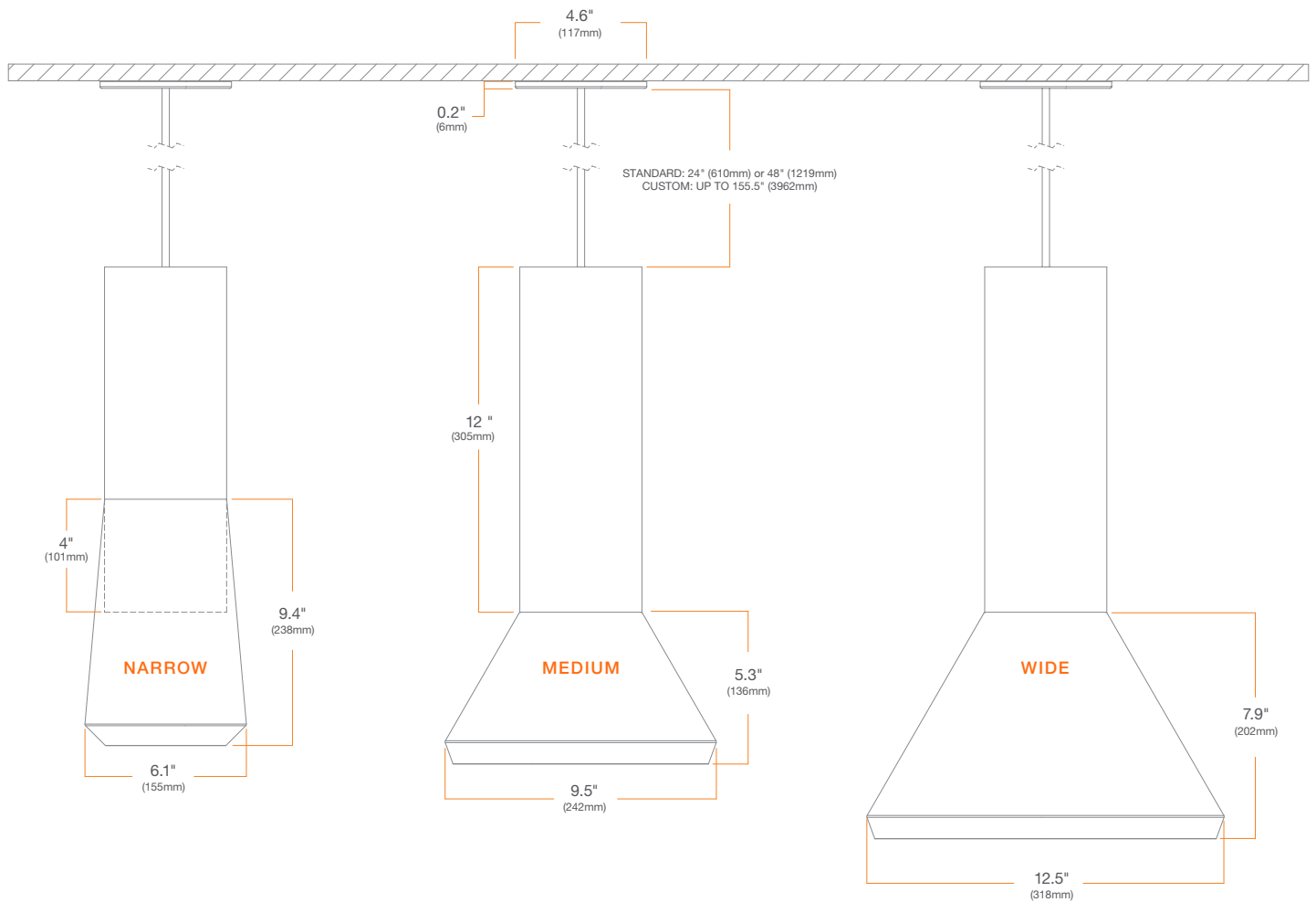
## 4" Length Cylinder + Shades



## 8" Length Cylinder + Shades



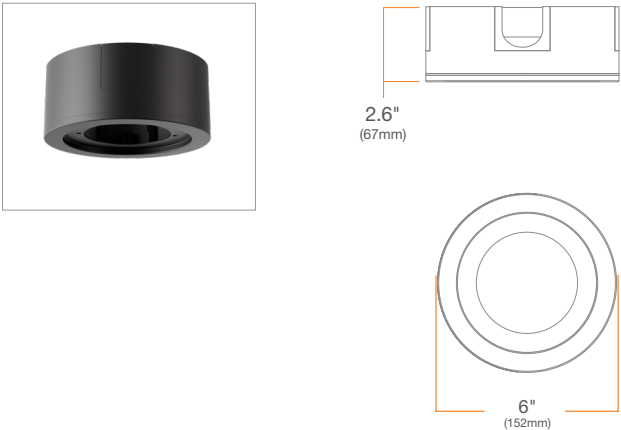
## 12" Length Cylinder + Shades



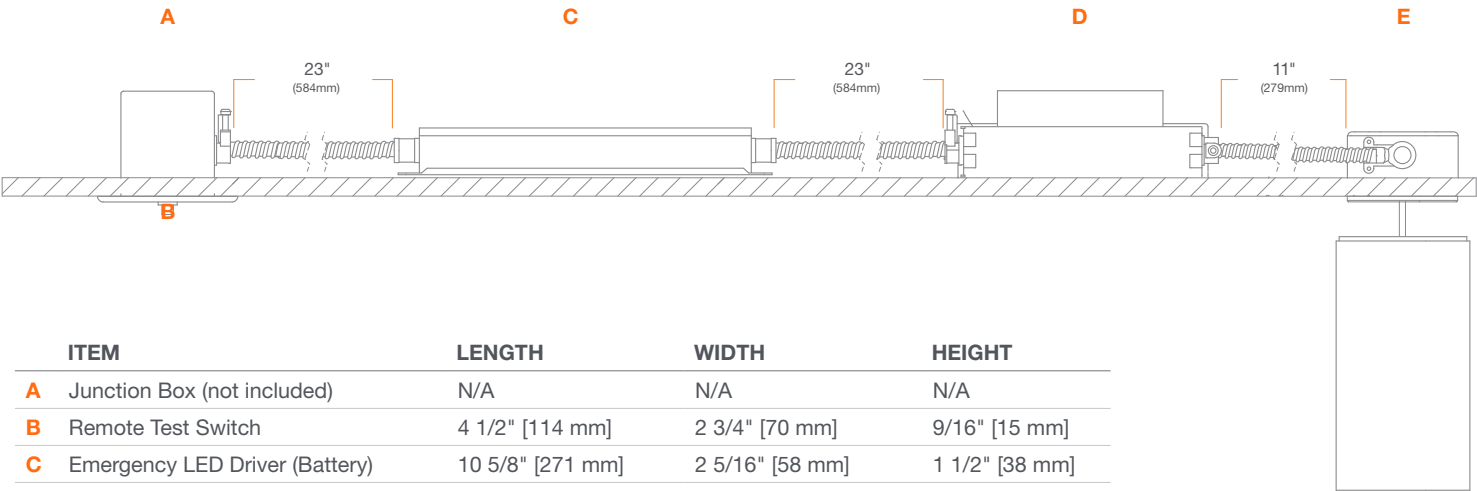


Junction Box (J-Box) Cover

4CCX-J



Emergency Lighting Kit



| ITEM |                                | LENGTH           | WIDTH            | HEIGHT         |
|------|--------------------------------|------------------|------------------|----------------|
| A    | Junction Box (not included)    | N/A              | N/A              | N/A            |
| B    | Remote Test Switch             | 4 1/2" [114 mm]  | 2 3/4" [70 mm]   | 9/16" [15 mm]  |
| C    | Emergency LED Driver (Battery) | 10 5/8" [271 mm] | 2 5/16" [58 mm]  | 1 1/2" [38 mm] |
| D    | Cylinder Driver                | 7 7/8" [200 mm]  | 2 15/16" [75 mm] | 2 7/8" [73mm]  |
| E    | Junction Box (not included)    | N/A              | N/A              | N/A            |

EMERGENCY LIGHTING SPECS:

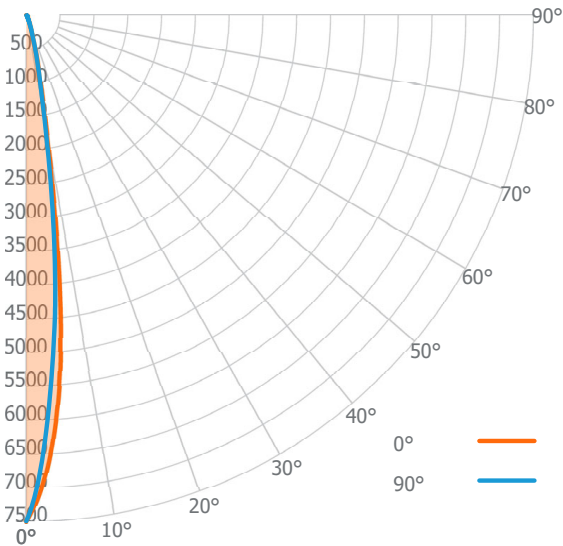
90 Battery Back Up providing output of LPW x 5 in the event of power failure. Not available in Uplight applications.  
TRIAC/ELV driver utilizes micro inverter integrated within the extrusion.  
0-10V drivers utilize EM Kit mounted above ceiling with emergency LED driver & remote test switch.

## PHOTOMETRY

### 4" Pendant with White Narrow Shade Fixed, 1000 lm, 3000K, Narrow Spot

4CX-RX-X-D-10-NS-0-30-X-MNW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 7499 |
| 5°  | 5594 |
| 10° | 1776 |
| 15° | 536  |
| 20° | 192  |
| 25° | 83   |
| 30° | 44   |
| 35° | 37   |
| 40° | 34   |
| 45° | 30   |
| 50° | 26   |
| 55° | 22   |
| 60° | 19   |
| 65° | 16   |
| 70° | 12   |
| 75° | 10   |
| 80° | 6    |
| 85° | 2    |
| 90° | 1    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 599    | 86%         |
| 0° - 40°  | 622    | 90%         |
| 0° - 60°  | 665    | 96%         |
| 0° - 90°  | 693    | 100%        |
| 0° - 180° | 693    | 100%        |

Illuminance Chart

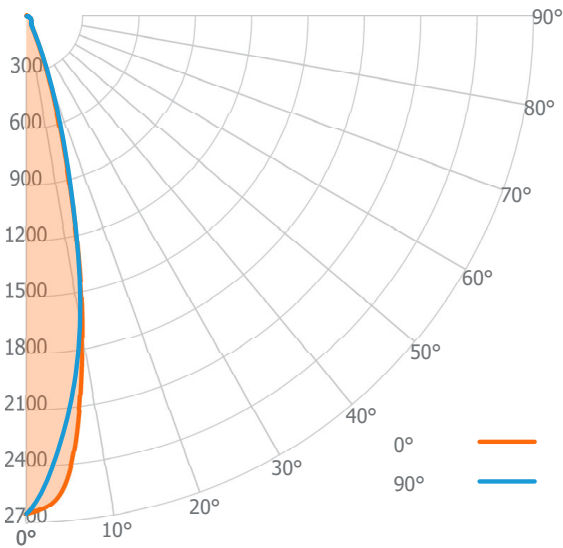
| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 833.3 fc     | 0.8 ft   |
| 6 ft              | 208.3 fc     | 1.6 ft   |
| 9 ft              | 92.6 fc      | 2.3 ft   |
| 12 ft             | 52.1 fc      | 3.1 ft   |

Input Watts: 12.5 W  
 Lumens: 693 lm  
 Efficacy: 55 lm/W  
 Beam Angle: 15° x 13°

### 4" Pendant with White Narrow Shade Fixed, 1000 lm, 3000K, Spot

4CX-RX-X-D-10-SP-0-30-X-MNW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 2656 |
| 5°  | 2484 |
| 10° | 1722 |
| 15° | 851  |
| 20° | 347  |
| 25° | 108  |
| 30° | 54   |
| 35° | 47   |
| 40° | 43   |
| 45° | 39   |
| 50° | 34   |
| 55° | 29   |
| 60° | 25   |
| 65° | 21   |
| 70° | 17   |
| 75° | 14   |
| 80° | 9    |
| 85° | 3    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 529    | 81%         |
| 0° - 40°  | 559    | 85%         |
| 0° - 60°  | 615    | 94%         |
| 0° - 90°  | 654    | 100%        |
| 0° - 180° | 654    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 295.1 fc     | 1.3 ft   |
| 6 ft              | 73.8 fc      | 2.6 ft   |
| 9 ft              | 32.8 fc      | 3.9 ft   |
| 12 ft             | 18.4 fc      | 5.2 ft   |

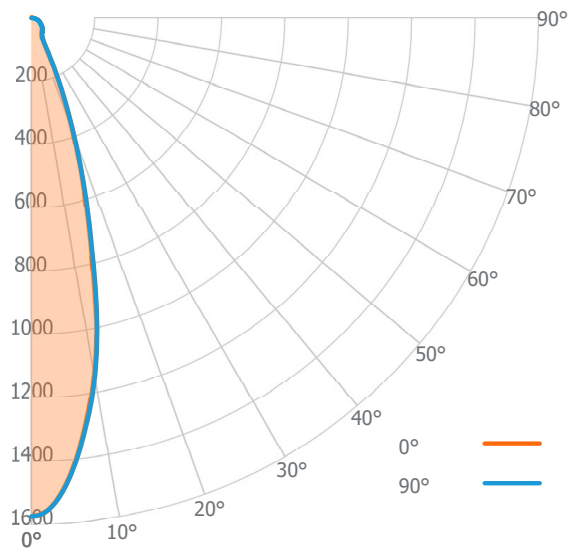
Input Watts: 12.5 W  
 Lumens: 654 lm  
 Efficacy: 52 lm/W  
 Beam Angle: 25° x 24°

## PHOTOMETRY

**4" Pendant with White Narrow Shade** Fixed, 1000 lm, 3000K, Flood

4CX-RX-X-D-10-FL-0-30-X-MNW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1576 |
| 15° | 716  |
| 30° | 65   |
| 45° | 48   |
| 60° | 31   |
| 75° | 17   |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 404    | 71%         |
| 0° - 40°  | 442    | 78%         |
| 0° - 60°  | 515    | 91%         |
| 0° - 90°  | 567    | 100%        |
| 0° - 180° | 569    | 100%        |

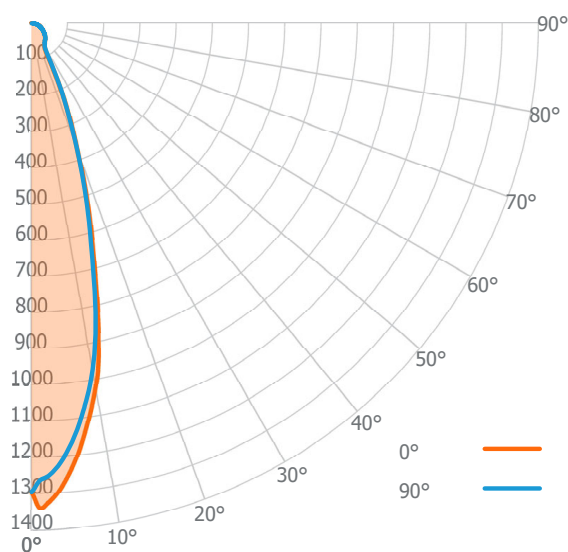
Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 175.1 fc     | 1.5 ft   |
| 6 ft              | 43.8 fc      | 3.0 ft   |
| 9 ft              | 19.5 fc      | 4.5 ft   |
| 12 ft             | 10.9 fc      | 6.1 ft   |

Input Watts: **12.5 W**Lumens: **569 lm**Efficacy: **46 lm/W**Beam Angle: **28° x 29°****4" Pendant with White Narrow Shade** Fixed, 1000 lm, 3000K, Wide Flood

4CX-RX-X-D-10-WF-0-30-X-MNW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1297 |
| 5°  | 1243 |
| 10° | 1023 |
| 15° | 665  |
| 20° | 375  |
| 25° | 156  |
| 30° | 73   |
| 35° | 65   |
| 40° | 60   |
| 45° | 54   |
| 50° | 48   |
| 55° | 41   |
| 60° | 35   |
| 65° | 30   |
| 70° | 24   |
| 75° | 19   |
| 80° | 12   |
| 85° | 4    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 367    | 68%         |
| 0° - 40°  | 408    | 75%         |
| 0° - 60°  | 485    | 90%         |
| 0° - 90°  | 539    | 100%        |
| 0° - 180° | 540    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 144.1 fc     | 1.6 ft   |
| 6 ft              | 36.0 fc      | 3.2 ft   |
| 9 ft              | 16.0 fc      | 4.8 ft   |
| 12 ft             | 9.0 fc       | 6.4 ft   |

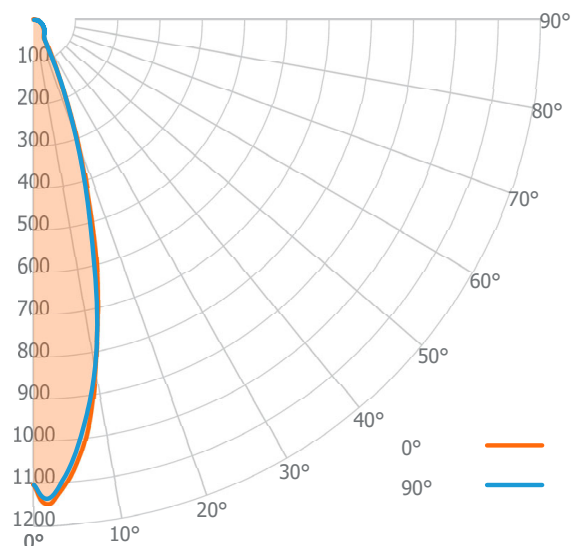
Input Watts: **12.5 W**Lumens: **540 lm**Efficacy: **43 lm/W**Beam Angle: **30° x 29°**

## PHOTOMETRY

**4" Pendant with White Narrow Shade** Fixed, 1000 lm, 3000K, General Ambient

4CX-RX-X-D-10-GA-0-30-X-MNW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1103 |
| 5°  | 1076 |
| 10° | 846  |
| 15° | 571  |
| 20° | 308  |
| 25° | 135  |
| 30° | 56   |
| 35° | 44   |
| 40° | 40   |
| 45° | 36   |
| 50° | 32   |
| 55° | 28   |
| 60° | 24   |
| 65° | 20   |
| 70° | 17   |
| 75° | 13   |
| 80° | 8    |
| 85° | 4    |
| 90° | 1    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 296    | 71%         |
| 0° - 40°  | 323    | 78%         |
| 0° - 60°  | 376    | 91%         |
| 0° - 90°  | 413    | 100%        |
| 0° - 180° | 414    | 100%        |

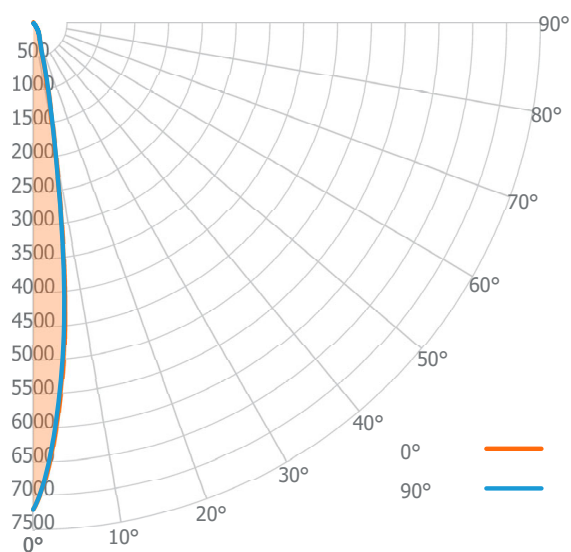
Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 122.6 fc     | 1.6 ft   |
| 6 ft              | 30.6 fc      | 3.2 ft   |
| 9 ft              | 13.6 fc      | 4.8 ft   |
| 12 ft             | 7.7 fc       | 6.4 ft   |

Input Watts: **12.5 W**Lumens: **414 lm**Efficacy: **33 lm/W**Beam Angle: **30° x 28°****4" Pendant with White Medium Shade** Fixed, 1000 lm, 3000K, Narrow Spot

4CX-RX-X-D-10-NS-0-30-X-MMW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 7209 |
| 5°  | 5114 |
| 10° | 1885 |
| 15° | 607  |
| 20° | 310  |
| 25° | 214  |
| 30° | 155  |
| 35° | 93   |
| 40° | 47   |
| 45° | 26   |
| 50° | 18   |
| 55° | 14   |
| 60° | 12   |
| 65° | 10   |
| 70° | 8    |
| 75° | 7    |
| 80° | 5    |
| 85° | 2    |
| 90° | 1    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 678    | 86%         |
| 0° - 40°  | 737    | 93%         |
| 0° - 60°  | 771    | 98%         |
| 0° - 90°  | 791    | 100%        |
| 0° - 180° | 791    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 801.0 fc     | 0.8 ft   |
| 6 ft              | 200.2 fc     | 1.5 ft   |
| 9 ft              | 89.0 fc      | 2.3 ft   |
| 12 ft             | 50.1 fc      | 3.1 ft   |

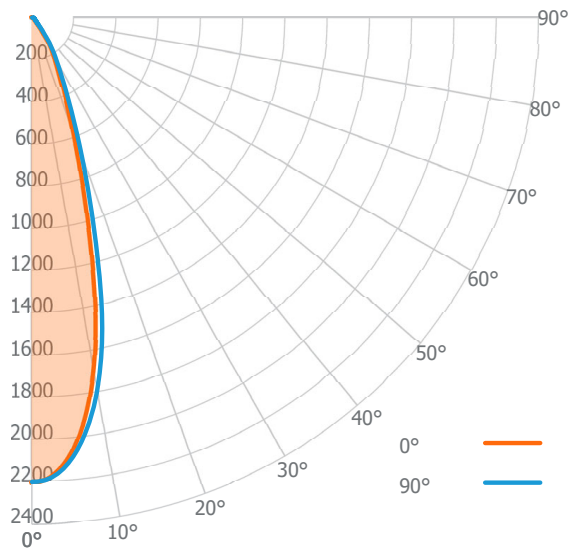
Input Watts: **12.5 W**Lumens: **791 lm**Efficacy: **63 lm/W**Beam Angle: **15° x 14°**

## PHOTOMETRY

### 4" Pendant with White Medium Shade Fixed, 1000 lm, 3000K, Spot

4CX-RX-X-D-10-SP-0-30-X-MMW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 2203 |
| 15° | 1057 |
| 30° | 210  |
| 45° | 30   |
| 60° | 14   |
| 75° | 7    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 666    | 82%         |
| 0° - 40°  | 744    | 92%         |
| 0° - 60°  | 785    | 97%         |
| 0° - 90°  | 807    | 100%        |
| 0° - 180° | 809    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 244.8 fc     | 1.6 ft   |
| 6 ft              | 61.2 fc      | 3.1 ft   |
| 9 ft              | 27.2 fc      | 4.7 ft   |
| 12 ft             | 15.3 fc      | 6.3 ft   |

Input Watts: 12.5 W

Lumens: 809 lm

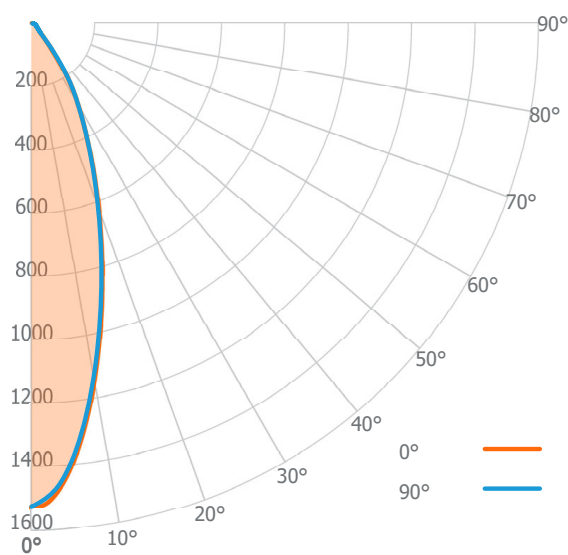
Efficacy: 65 lm/W

Beam Angle: 29° x 32°

### 4" Pendant with White Medium Shade Fixed, 1000 lm, 3000K, Flood

4CX-RX-X-D-10-FL-0-30-X-MMW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1528 |
| 5°  | 1414 |
| 10° | 1149 |
| 15° | 868  |
| 20° | 624  |
| 25° | 435  |
| 30° | 295  |
| 35° | 175  |
| 40° | 70   |
| 45° | 35   |
| 50° | 25   |
| 55° | 21   |
| 60° | 18   |
| 65° | 15   |
| 70° | 12   |
| 75° | 10   |
| 80° | 8    |
| 85° | 5    |
| 90° | 2    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 562    | 74%         |
| 0° - 40°  | 669    | 88%         |
| 0° - 60°  | 718    | 94%         |
| 0° - 90°  | 749    | 98%         |
| 0° - 180° | 760    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 169.7 fc     | 1.8 ft   |
| 6 ft              | 42.4 fc      | 3.7 ft   |
| 9 ft              | 18.9 fc      | 5.5 ft   |
| 12 ft             | 10.6 fc      | 7.3 ft   |

Input Watts: 12.5 W

Lumens: 760 lm

Efficacy: 61 lm/W

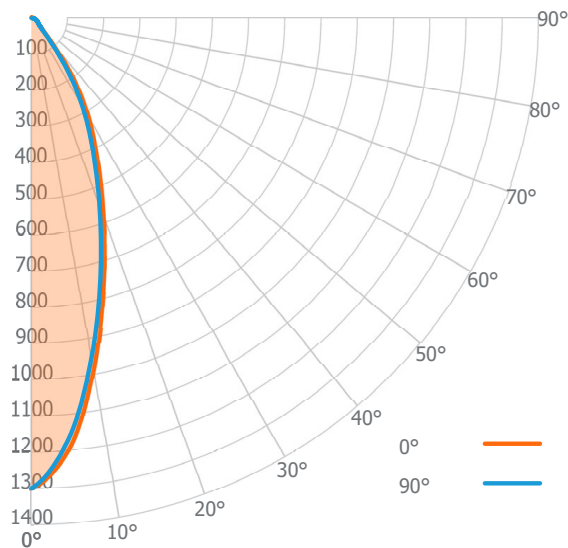
Beam Angle: 34° x 33°

## PHOTOMETRY

**4" Pendant with White Medium Shade** Fixed, 1000 lm, 3000K, Wide Flood

4CX-RX-X-D-10-WF-0-30-X-MMW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1301 |
| 5°  | 1197 |
| 10° | 990  |
| 15° | 771  |
| 20° | 584  |
| 25° | 435  |
| 30° | 315  |
| 35° | 201  |
| 40° | 86   |
| 45° | 38   |
| 50° | 28   |
| 55° | 22   |
| 60° | 19   |
| 65° | 16   |
| 70° | 13   |
| 75° | 10   |
| 80° | 8    |
| 85° | 3    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 527    | 72%         |
| 0° - 40°  | 647    | 88%         |
| 0° - 60°  | 702    | 96%         |
| 0° - 90°  | 732    | 100%        |
| 0° - 180° | 733    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 144.6 fc     | 2.0 ft   |
| 6 ft              | 36.1 fc      | 4.1 ft   |
| 9 ft              | 16.1 fc      | 6.1 ft   |
| 12 ft             | 9.0 fc       | 8.2 ft   |

Input Watts: 12.5 W

Lumens: 733 lm

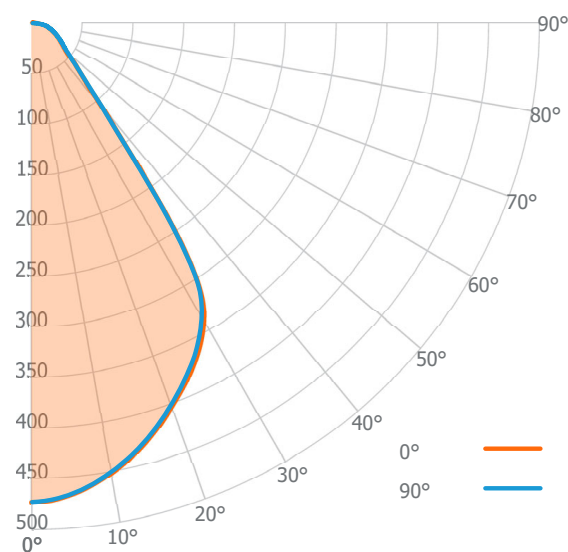
Efficacy: 59 lm/W

Beam Angle: 38° x 36°

**4" Pendant with White Medium Shade** Fixed, 1000 lm, 3000K, General Ambient

4CX-RX-X-D-10-GA-0-30-X-MMW

Candela Distribution



Luminous Intensity

|     | 0°  |
|-----|-----|
| 0°  | 473 |
| 5°  | 467 |
| 10° | 452 |
| 15° | 431 |
| 20° | 404 |
| 25° | 376 |
| 30° | 340 |
| 35° | 235 |
| 40° | 107 |
| 45° | 65  |
| 50° | 47  |
| 55° | 38  |
| 60° | 31  |
| 65° | 26  |
| 70° | 21  |
| 75° | 17  |
| 80° | 13  |
| 85° | 5   |
| 90° | 1   |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 337    | 55%         |
| 0° - 40°  | 476    | 78%         |
| 0° - 60°  | 562    | 92%         |
| 0° - 90°  | 611    | 100%        |
| 0° - 180° | 613    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 52.6 fc      | 4.2 ft   |
| 6 ft              | 13.2 fc      | 8.4 ft   |
| 9 ft              | 5.8 fc       | 12.6 ft  |
| 12 ft             | 3.3 fc       | 16.8 ft  |

Input Watts: 12.5 W

Lumens: 613 lm

Efficacy: 49 lm/W

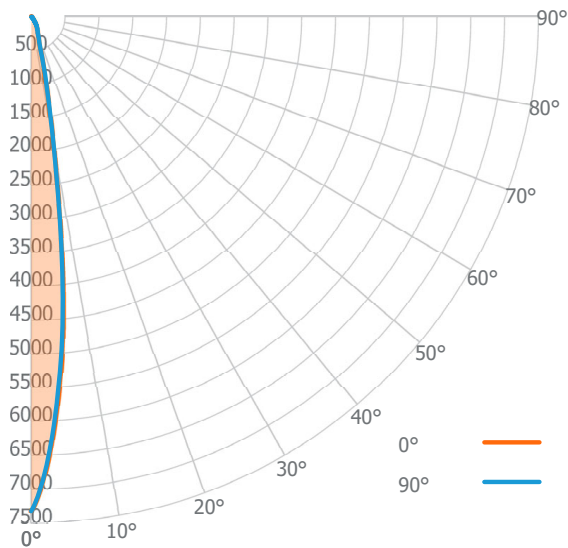
Beam Angle: 70° x 70°

## PHOTOMETRY

### 4" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, Narrow Spot

4CX-RX-X-D-10-NS-0-30-X-MWW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 7330 |
| 5°  | 5199 |
| 10° | 1917 |
| 15° | 617  |
| 20° | 315  |
| 25° | 218  |
| 30° | 158  |
| 35° | 95   |
| 40° | 48   |
| 45° | 27   |
| 50° | 18   |
| 55° | 14   |
| 60° | 12   |
| 65° | 10   |
| 70° | 8    |
| 75° | 7    |
| 80° | 5    |
| 85° | 2    |
| 90° | 1    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 689    | 86%         |
| 0° - 40°  | 749    | 93%         |
| 0° - 60°  | 784    | 98%         |
| 0° - 90°  | 804    | 100%        |
| 0° - 180° | 804    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 814.4 fc     | 0.8 ft   |
| 6 ft              | 203.6 fc     | 1.5 ft   |
| 9 ft              | 90.5 fc      | 2.3 ft   |
| 12 ft             | 50.9 fc      | 3.1 ft   |

Input Watts: 12.5 W

Lumens: 804 lm

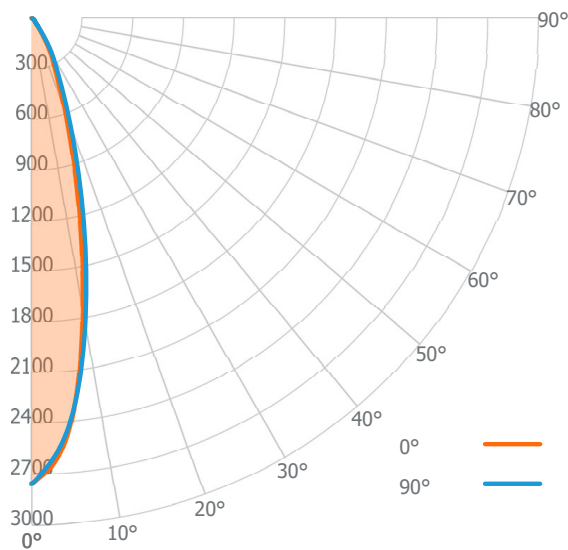
Efficacy: 64 lm/W

Beam Angle: 15° x 14°

### 4" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, Spot

4CX-RX-X-D-10-SP-0-30-X-MWW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 2758 |
| 5°  | 2473 |
| 10° | 1751 |
| 15° | 1043 |
| 20° | 576  |
| 25° | 334  |
| 30° | 214  |
| 35° | 98   |
| 40° | 41   |
| 45° | 27   |
| 50° | 21   |
| 55° | 17   |
| 60° | 13   |
| 65° | 10   |
| 70° | 8    |
| 75° | 6    |
| 80° | 4    |
| 85° | 2    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 687    | 85%         |
| 0° - 40°  | 755    | 93%         |
| 0° - 60°  | 791    | 98%         |
| 0° - 90°  | 811    | 100%        |
| 0° - 180° | 811    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 306.4 fc     | 1.3 ft   |
| 6 ft              | 76.6 fc      | 2.7 ft   |
| 9 ft              | 34.0 fc      | 4.0 ft   |
| 12 ft             | 19.2 fc      | 5.3 ft   |

Input Watts: 12.5 W

Lumens: 811 lm

Efficacy: 65 lm/W

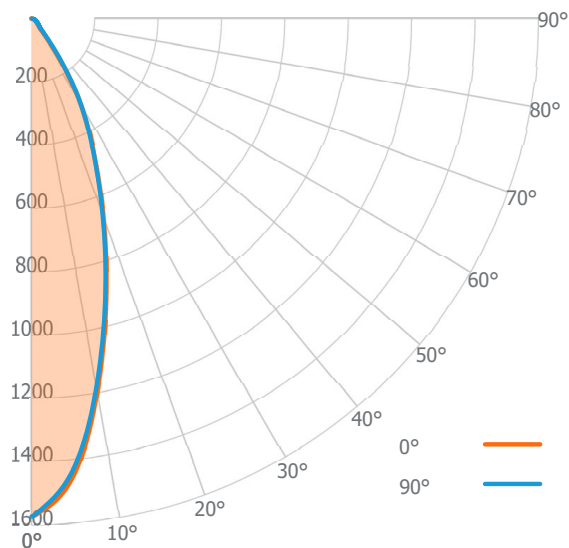
Beam Angle: 25° x 27°

## PHOTOMETRY

**4" Pendant with White Wide Shade** Fixed, 1000 lm, 3000K, Flood

4CX-RX-X-D-10-FL-0-30-X-MWW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1574 |
| 5°  | 1462 |
| 10° | 1199 |
| 15° | 915  |
| 20° | 666  |
| 25° | 466  |
| 30° | 311  |
| 35° | 158  |
| 40° | 58   |
| 45° | 33   |
| 50° | 25   |
| 55° | 20   |
| 60° | 16   |
| 65° | 13   |
| 70° | 10   |
| 75° | 8    |
| 80° | 6    |
| 85° | 2    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 593    | 78%         |
| 0° - 40°  | 692    | 91%         |
| 0° - 60°  | 737    | 97%         |
| 0° - 90°  | 761    | 100%        |
| 0° - 180° | 763    | 100%        |

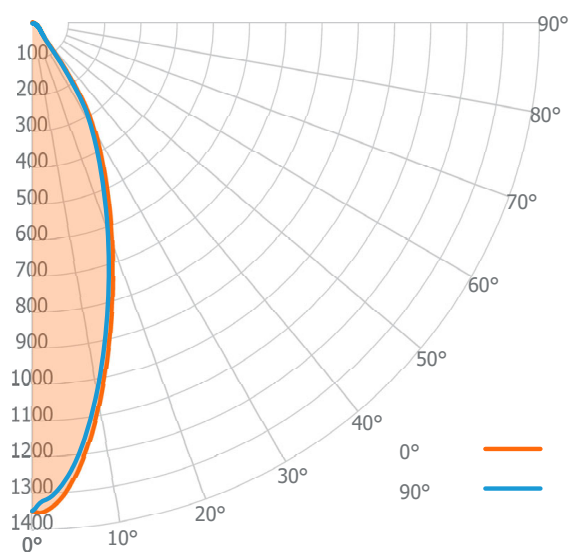
Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 174.9 fc     | 1.9 ft   |
| 6 ft              | 43.7 fc      | 3.8 ft   |
| 9 ft              | 19.4 fc      | 5.7 ft   |
| 12 ft             | 10.9 fc      | 7.6 ft   |

Input Watts: **12.5 W**Lumens: **763 lm**Efficacy: **61 lm/W**Beam Angle: **35° x 34°****4" Pendant with White Wide Shade** Fixed, 1000 lm, 3000K, Wide Flood

4CX-RX-X-D-10-WF-0-30-X-MWW

Candela Distribution



Luminous Intensity

|     | 0°   |
|-----|------|
| 0°  | 1350 |
| 5°  | 1274 |
| 10° | 1070 |
| 15° | 846  |
| 20° | 648  |
| 25° | 482  |
| 30° | 350  |
| 35° | 182  |
| 40° | 55   |
| 45° | 37   |
| 50° | 29   |
| 55° | 23   |
| 60° | 19   |
| 65° | 15   |
| 70° | 12   |
| 75° | 9    |
| 80° | 7    |
| 85° | 2    |
| 90° | 0    |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 558    | 75%         |
| 0° - 40°  | 667    | 89%         |
| 0° - 60°  | 717    | 96%         |
| 0° - 90°  | 744    | 100%        |
| 0° - 180° | 746    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 150.0 fc     | 2.1 ft   |
| 6 ft              | 37.5 fc      | 4.2 ft   |
| 9 ft              | 16.7 fc      | 6.3 ft   |
| 12 ft             | 9.4 fc       | 8.4 ft   |

Input Watts: **12.5 W**Lumens: **746 lm**Efficacy: **60 lm/W**Beam Angle: **38° x 36°**

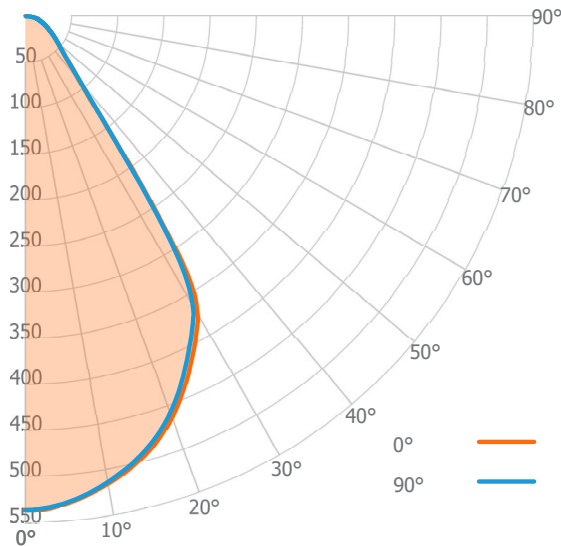


PHOTOMETRY

4" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, General Ambient

4CX-RX-X-D-10-GA-0-30-X-MWW

Candela Distribution



Luminous Intensity

|     | 0°  |
|-----|-----|
| 0°  | 537 |
| 10° | 516 |
| 20° | 464 |
| 30° | 373 |
| 40° | 91  |
| 50° | 47  |
| 60° | 30  |
| 70° | 18  |
| 80° | 10  |
| 90° | 0   |

Zonal Lumen Summary

| Zone      | Lumens | Luminaire % |
|-----------|--------|-------------|
| 0° - 30°  | 377    | 60%         |
| 0° - 40°  | 503    | 80%         |
| 0° - 60°  | 584    | 93%         |
| 0° - 90°  | 626    | 100%        |
| 0° - 180° | 627    | 100%        |

Illuminance Chart

| Distance from LED | Foot Candles | Diameter |
|-------------------|--------------|----------|
| 3 ft              | 59.6 fc      | 3.9 ft   |
| 6 ft              | 14.9 fc      | 7.8 ft   |
| 9 ft              | 6.6 fc       | 11.8 ft  |
| 12 ft             | 3.7 fc       | 15.7 ft  |

Input Watts: 12.5 W  
Lumens: 627 lm  
Efficacy: 50 lm/W  
Beam Angle: 66° x 66°