

# C Series Cylinder

Project:	Type:
Product Code:	Date:

V020725



## 4" Pendant Mount

**Quick Shipping** Streamlined options allow most configurations to ship within 3 days

**No Visible Hardware** Die-cast aluminum extrusions and magnetized canopies for a sleek, modern design

**Embedded Drivers** within the cylinder modules allow 2000 lm out of a compact 8" profile and eliminate the need for driver coordination above the ceiling

### CYLINDER

#### Mount

Pendant

#### Size

Diameter: 4"  
Height: 8"

#### Suspension Length

Cord: 8' Field Cuttable  
Stem: 2' or 4'

#### Canopy

Standard

#### Trims

Standard

#### Finish

White, Black

### LIGHT OUTPUT & DISTRIBUTION

#### Module

Downlight

#### Lumens (Power)

Integrated Brightness Switch  
1000 lm (13.6W), 1500 lm (17W),  
2000 lm (24.5W)

#### Color Quality

80+ CRI, 3-step SDCM

#### Color Temperature

 3000K  3500K  4000K

#### Beam Spread



General Ambient (90°+)

### POWER & CONTROLS

#### Input Voltage

120 / 277V

#### Dimming

0-10V (5%)

#### Emergency *Coming Soon*

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

### RATINGS

 NSF Listed

### WARRANTY

5 year limited warranty; 50,000 hours



Declare.





**DMF LightSpeed**  
 Highlighted selections will ship in 3 days  
 All other items will ship in 7 days or less

# C Series Cylinder

4" Pendant Mount

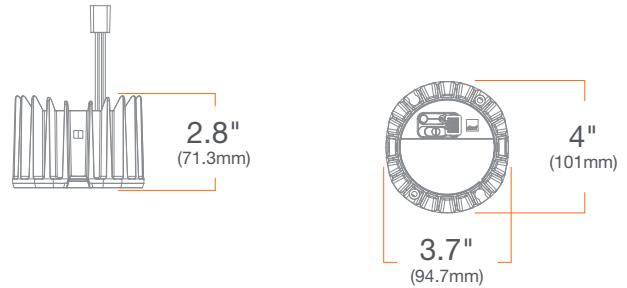
## PRODUCT BUILDER

<b>CYLINDER</b>	<input type="text" value="CCP"/>	<b>CCP</b> 4" Cylinder		
<b>SHAPE</b>	<input type="text" value="R"/>	<b>R</b> Round		
<b>SIZE</b>	<input type="text" value="08"/>	<b>08</b> 8" Extrusion Length		
<b>SUSPENSION</b>		<b>C8</b> Cord 8' (Field-cuttable)	<b>S2</b> Stem Mount, 2'	<b>S4</b> Stem Mount, 4'
<b>LUMENS DOWN</b>		<b>10</b> 1000 lm	<b>15</b> 1500 lm	<b>20</b> 2000 lm
<b>CCT</b>		<b>30</b> 3000K	<b>35</b> 3500K	<b>40</b> 4000K
<b>FINISH</b>		<b>WH</b> White	<b>BK</b> Black	
<b>DIMMING</b>	<input type="text" value="O"/>	<b>O</b> 0-10V		
<b>EMERGENCY</b>		<b>[Blank]</b> None	<b>EO</b> EM, Open Ceiling <i>Coming Soon</i>	<b>EC</b> EM, Closed Ceiling <i>Coming Soon</i>

## ACCESSORIES

<b>DCCX-JW</b>	Junction Box Cover, White
<b>DCCX-JB</b>	Junction Box Cover, Black

### MODULE



### SUMMARY

<b>CCT</b>	3000K, 3500K, 4000K
<b>LUMENS (POWER)</b>	1000lm (13.6W), 1500lm (17.0W), 2000lm (24.5W)
<b>EFFICACY</b>	74 lm/W, 88 lm/W, 82 lm/W
<b>COLOR QUALITY</b>	80+ CRI <sup>1</sup> , 3-step SDCM
<b>BEAM SPREAD</b>	General Ambient (90°+)
<b>DIMMING</b>	0-10V (5%)
<b>LED CHIP</b>	Cree
<b>LISTINGS</b>	ENERGY STAR <sup>®</sup> Qualified <sup>2</sup> , UL Listed for Wet Location, UL Certified US-CA, Declare, RoHS compliant, NSF/ANSI 2 listed, Suitable for splash-zone <sup>3</sup> , Compliant to FCC Title 47 Part 15; Class B

<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> This product is evaluated in accordance to NSF/ANSI 2 for Splash Zones having designated trim finishes.

### ADDITIONAL

**INPUT VOLTAGE:** 120V/277V, 50/60Hz

**MAX INPUT CURRENT:**

1000lm: 0.113 (120V) / 0.062 (277V)

1500lm: 0.142 (120V) / 0.074 (277V)

2000lm: 0.204 (120V) / 0.095 (277V)

**CONNECTOR:** 6 pin Molex

**TOTAL HARMONIC DISTORTION:** Less than 20%

**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C

**INSTALLATION:** Standard canopy compatible with most 3" octagonal, 4" octagonal, 3" round, and 4" round boxes

**JUNCTION BOX COVERS:** Allows up to 4 solid metal conduit branches. Compatible with 4" octagonal and 4" square boxes

**SUSPENSION:**

**Stem:** 24" or 48" standard length. Painted steel stem with hanging straight endpoint up to 30° tilt (meets CA IR 16-9)

**Cord:** 8' field-cuttable cord in White or Black finish

**LIFETIME:** 50,000 hours at 70% lumen maintenance

**WARRANTY:** 5 year limited warranty; 50,000 hours at 70% lumen maintenance



### MODULE PERFORMANCE

Based on 80 CRI, 3000K Module + Standard Trim

	WHITE TRIM			BLACK TRIM		
	10	15	20	10	15	20
<b>LUMENS</b>	1242	1548	2036	1031	1284	1690
<b>LPW <sup>1</sup></b>	91	91	83	76	76	69
<b>CBCP <sup>2</sup></b>	579	722	950	514	640	842
<b>UGR <sup>3</sup></b>	21.7	22.4	23.4	19.9	20.7	21.6

	30K	35K	40K
<b>CCT MULTIPLIER</b>	1.00	1.03	1.05

<b>EMERGENCY BATTERY</b>	LPW x 5
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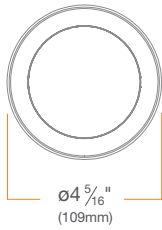
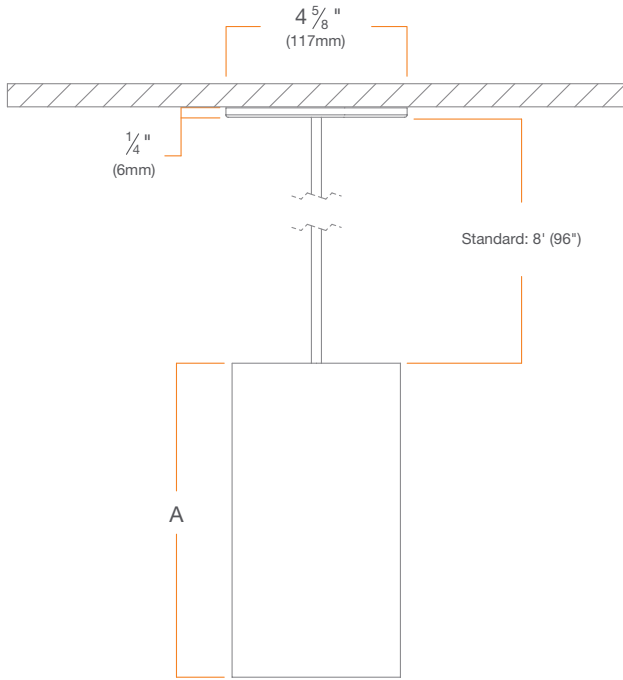
<sup>1</sup> LPW: Lumens per watt

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

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

Cord Mount (Field-cuttable)

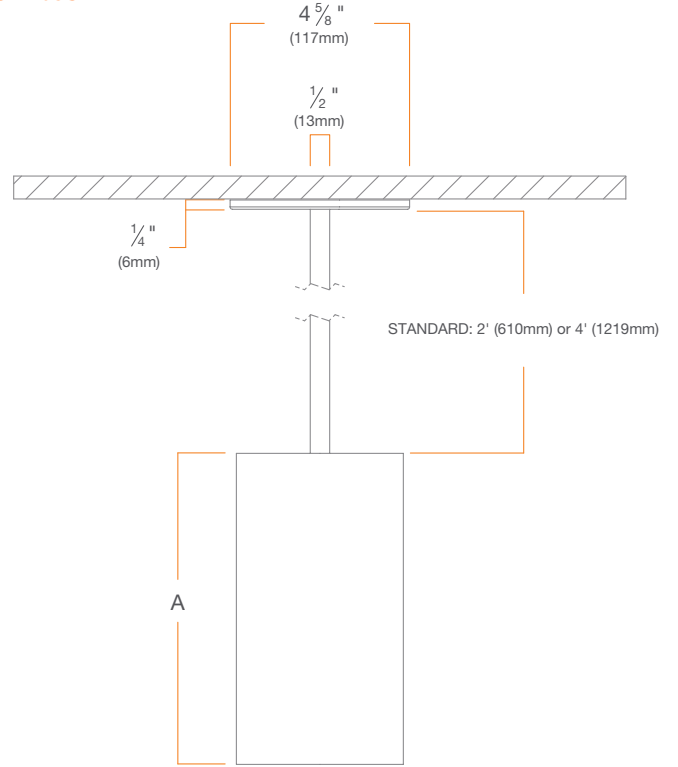
CCPR08C8



CYLINDER SIZE	A
8"	[203 mm]

Stem Mount

CCPR08Sx

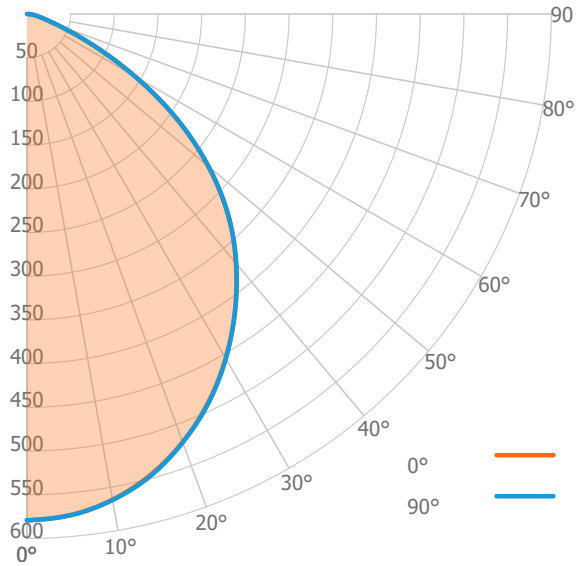


CYLINDER SIZE	A
8"	[203 mm]

## PHOTOMETRY

1000 lm, 3000K, General Ambient **CCPR08xx1030WHO**

Candela Distribution



Luminous Intensity

Angle	Luminous Intensity (cd)
0°	579
5°	575
10°	564
15°	546
20°	521
25°	491
30°	455
35°	415
40°	372
45°	326
50°	271
55°	210
60°	143
65°	82
70°	39
75°	19
80°	11
85°	5
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	435	35%
0° - 40°	694	56%
0° - 60°	1130	91%
0° - 90°	1242	100%
0° - 180°	1242	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	64.4 fc	6.7 ft
6 ft	16.1 fc	13.5 ft
9 ft	7.2 fc	20.2 ft
12 ft	4.0 fc	27.0 ft

**Input Watts:** 13.6W

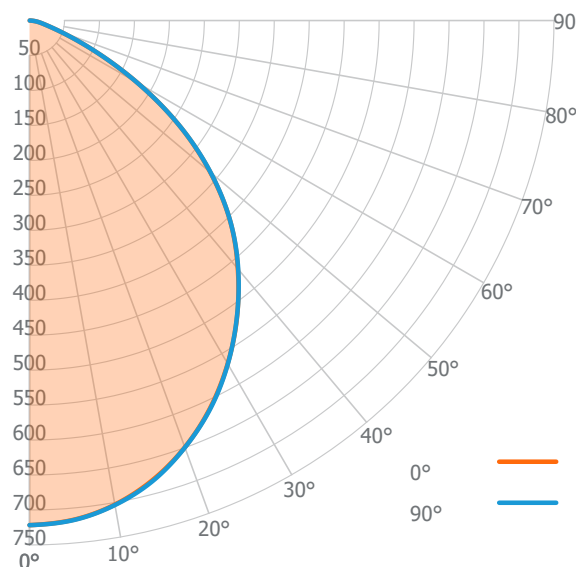
**Lumens:** 1242 lm

**Efficacy:** 91 lm/W

**Beam Angle:** 96° x 94°

1500 lm, 3000K, General Ambient **CCPR08xx1530WHO**

Candela Distribution



Luminous Intensity

Angle	Luminous Intensity (cd)
0°	722
5°	717
10°	703
15°	680
20°	649
25°	611
30°	567
35°	517
40°	464
45°	406
50°	337
55°	261
60°	178
65°	102
70°	49
75°	24
80°	14
85°	6
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	541	35%
0° - 40°	865	56%
0° - 60°	1408	91%
0° - 90°	1547	100%
0° - 180°	1547	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	80.2 fc	6.7 ft
6 ft	20.0 fc	13.5 ft
9 ft	8.9 fc	20.2 ft
12 ft	5.0 fc	27.0 ft

**Input Watts:** 17.0W

**Lumens:** 1547 lm

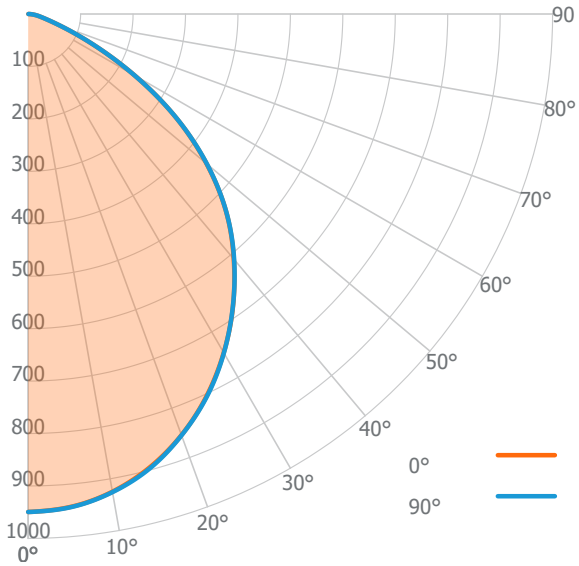
**Efficacy:** 91 lm/W

**Beam Angle:** 97° x 97°

## PHOTOMETRY

2000 lm, 3000K, General Ambient **CCPR08xx2030WHO**

Candela Distribution



Luminous Intensity

Angle	Luminous Intensity (cd)
0°	950
5°	943
10°	925
15°	895
20°	855
25°	804
30°	746
35°	681
40°	610
45°	534
50°	444
55°	344
60°	235
65°	134
70°	64
75°	31
80°	18
85°	8
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	712	35%
0° - 40°	1138	56%
0° - 60°	1853	91%
0° - 90°	2036	100%
0° - 180°	2036	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	105.5 fc	6.7 ft
6 ft	26.4 fc	13.5 ft
9 ft	11.7 fc	20.2 ft
12 ft	6.6 fc	27.0 ft

**Input Watts:** 24.5W

**Lumens:** 2036 lm

**Efficacy:** 83 lm/W

**Beam Angle:** 97° x 97°