

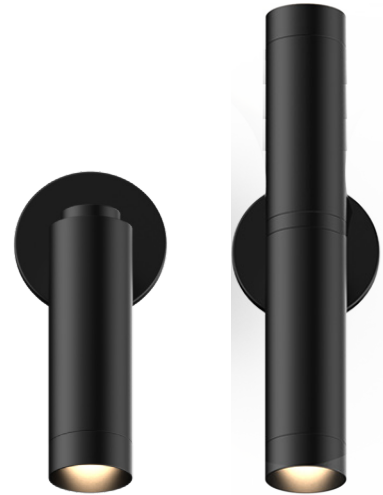
# LUMENTURE®

## C70 WALL MOUNTED CYLINDERS

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

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

With a 2.75" aperture, excellent visual cutoff, and many mounting options - Lumenture's C70 Cylinders blend discreetly into any environment. These fixtures deliver high lumens without glare. The result is superior brightness and quality from an unobtrusive fixture. The Cylinders are available both in surface mount, pendant mount and track mounted options to fit any construction needs.



### DIMMING

Triac, ELV, 0-10V,  
DALI & LEDcode



### WEIGHT

11 oz.



### WATTAGE

6W-16.5W



### EFFICACY

up to 1400lm  
up to 90lm/W



### AC DRIVER

INPUT  
120-277V



### FINISH

Aluminum module &  
trim, Powdercoat



### ACCESSORIES

Field replaceable  
optics & accessories

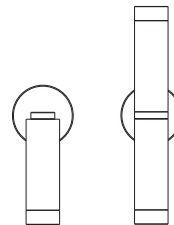
### LISTINGS

Certified to UL standard 1574 and CSA C22.2 No. 9.0 for dry locations.  
Certified to UL standard 1598 and CSA C22.2 No. 9.0 for damp locations.  
ADA compliant when mounted 2'4"-6'8" on the wall.



### MOUNTING OPTIONS

Wall Mount or Up/Down Wall Mount



### FINISH OPTIONS

White, Black, Silver, Custom



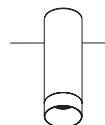
### BEAM SPREADS



15° 25° 40° 60°

### FIXTURE LENGTH

Available in 220mm (8 5/8") length.



C70 | Wall Mounted Cylinders | Ordering

PRODUCT #

C70

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ORDERING EXAMPLE: C70 - 220 - 22H - 15 - W - SNC - W - X - X - U - 150 - WMSC - W

[1] FIXTURE LENGTH

☐ 220 220mm Length Wall Mounted Cylinders

[2] CCT/CRI <sup>1</sup>

- ☐ 22H 2200K, CRI 90+
- ☐ 27H 2700K, CRI 90+
- ☐ 30H 3000K, CRI 90+
- ☐ 30B 3000K, CRI 95+
- ☐ 30D 3000K, CRI 90+ (Dim-to-Warm) <sup>2</sup>
- ☐ 35H 3500K, CRI 90+
- ☐ 40H 4000K, CRI 90+

[3] BEAM SPREAD <sup>1</sup>

- ☐ 15 15° <sup>3</sup>
- ☐ 25 25°
- ☐ 40 40°
- ☐ 60 60°

[4] CYLINDER FINISH <sup>1</sup>

- ☐ W White
- ☐ B Black
- ☐ S Silver

[5] BEZEL TYPE

- ☐ SNC Cylinder Snoot
- ☐ DR Decorative Ring <sup>4</sup>

[6] BEZEL FINISH <sup>1</sup>

- ☐ W White
- ☐ WB White Exterior / Black Interior
- ☐ B Black
- ☐ S Silver
- ☐ SB Silver Exterior / Black Interior
- ☐ FR Frosted

[7] COLORED LENS ACCESSORIES <sup>5</sup>

- ☐ BL Lens Blue
- ☐ GR Lens Green
- ☐ RE Lens Red
- ☐ RO Lens Rose
- ☐ YE Lens Yellow
- ☐ X None

[8] LENS ACCESSORIES <sup>5</sup>

- ☐ HL Black Honeycomb Louver
- ☐ LS Linear Spread
- ☐ SOL Solite Lens
- ☐ X None

[9] DRIVER <sup>6</sup>

- ☐ U Universal Dimming Driver (Triac, ELV & 0-10V)
- ☐ D1 EldoLED DALI/LEDcode (0.1% dimming)
- ☐ Z1 EldoLED 0-10V (0.1% dimming)

[10] OUTPUT (mA) <sup>1</sup>

- ☐ 150 6W, 500lm
- ☐ 200 8W, 750lm
- ☐ 250 10W, 900lm
- ☐ 300 12.5W, 1100lm
- ☐ 350 14.5W, 1250lm
- ☐ 400 16.5W, 1400lm

[11] MOUNTING

- ☐ WMSC Wall Mount Slim Canopy <sup>7</sup>

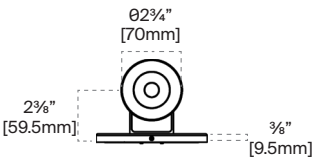
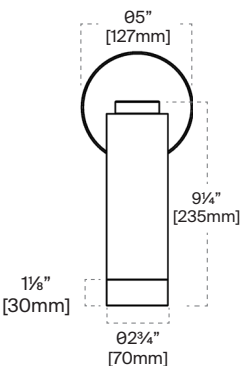
[12] SURFACE MOUNT HARDWARE COLOR

- ☐ W White
- ☐ B Black
- ☐ S Silver

NOTES

1. Custom options available. Please consult factory.
2. Dim-to-Warm range is from 3000K to 1800K.  
Dim-to-Warm option is only available at 350mA and 400mA.
3. Maximum current for 15° beam spread option is 400mA.
4. Decorative glow ring replaces the Bezel. Specify finish as FR (frosted).
5. A maximum of two optional lens accessories can be installed together (1 Colored Lens and 1 Lens Accessory).
6. Emergency Lighting Inverters available. See page (5) for more information.
7. Mounts to standard 4" junction box.

WMSC  
Wall Mount Slim Canopy



C70 | Up/Down Wall Mounted Cylinders | Ordering

PRODUCT #, Ordering for Up

C70UD

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ORDERING EXAMPLE: C70UD - 220 - 22H - 15 - W - SNC - W - X - X - U - 150 - 220 - 22H - 15 - W - SNC - W - X - X - U - 150 - WMSC - W

[1] [11] FIXTURE LENGTH

☐ 220 220mm Length Wall Mounted Cylinders

[2] [12] CCT/CRI <sup>1</sup>

☐ 22H 2200K, CRI 90+

☐ 27H 2700K, CRI 90+

☐ 30H 3000K, CRI 90+

☐ 30B 3000K, CRI 95+

☐ 30D 3000K, CRI 90+ (Dim-to-Warm) <sup>2</sup>

☐ 35H 3500K, CRI 90+

☐ 40H 4000K, CRI 90+

[3] [13] BEAM SPREAD <sup>1</sup>

☐ 15 15° <sup>3</sup>

☐ 25 25°

☐ 40 40°

☐ 60 60°

[4] [14] CYLINDER FINISH <sup>1</sup>

☐ W White

☐ B Black

☐ S Silver

[5] [15] BEZEL TYPE

☐ SNC Cylinder Snoot

☐ DR Decorative Ring <sup>4</sup>

[6] [16] BEZEL FINISH <sup>1</sup>

☐ W White

☐ WB White Exterior / Black Interior

☐ B Black

☐ S Silver

☐ SB Silver Exterior / Black Interior

☐ FR Frosted

[7] [17] COLORED LENS ACCESSORIES <sup>5</sup>

☐ BL Lens Blue

☐ GR Lens Green

☐ RE Lens Red

☐ RO Lens Rose

☐ YE Lens Yellow

☐ X None

[8] [18] LENS ACCESSORIES <sup>5</sup>

☐ HL Black Honeycomb Louver

☐ LS Linear Spread

☐ SOL Solite Lens

☐ X None

[9] [19] DRIVER <sup>6</sup>

☐ U Universal Dimming Driver (Triac, ELV & 0-10V)

☐ D1 EldoLED DALI/LEDcode (0.1% dimming)

☐ Z1 EldoLED 0-10V (0.1% dimming)

[10] [20] OUTPUT (mA) <sup>1</sup>

☐ 150 6W, 500lm

☐ 200 8W, 750lm

☐ 250 10W, 900lm

☐ 300 12.5W, 1100lm

☐ 350 14.5W, 1250lm

☐ 400 16.5W, 1400lm

[21] MOUNTING

☐ WMSC Wall Mount Slim Canopy <sup>7</sup>

[22] SURFACE MOUNT HARDWARE COLOR

☐ W White

☐ B Black

☐ S Silver

NOTES

1. Custom options available. Please consult factory.

2. Dim-to-Warm range is from 3000K to 1800K.  
Dim-to-Warm option is only available at 350mA and 400mA.

3. Maximum current for 15° beam spread option is 400mA.

4. Decorative glow ring replaces the Bezel. Specify finish as FR (frosted).

5. A maximum of two optional lens accessories can be installed together (1 Colored Lens and 1 Lens Accessory).

6. Emergency Lighting Inverters available. See page (5) for more information.

7. Mounts to standard 4" junction box.

\*\* Please include both up and down fixture specifications in ordering only if they are different. Driver type ([9],[19]) should match.

WMSC  
Up/Down Wall Mount Slim Canopy

Technical drawing of the WMSC Up/Down Wall Mount Slim Canopy. The side view shows a vertical cylinder with a diameter of 5 inches [127mm] and a height of 8 5/8 inches [220mm]. The top view shows a circular canopy with a diameter of 2 3/8 inches [59.5mm] and a mounting hole diameter of 3/8 inch [9.5mm]. The bottom view shows a circular base with a diameter of 17/16 inches [455mm] and a mounting hole diameter of 5/8 inch [127mm].

C70 Wall Mounted Cylinder Specifications p. 3/5  
Custom options available, please consult factory  
Product specifications are subject to change  
info@lumenture.com P. 203.864.3333

**LUMENTURE**  
www.lumenture.com  
version 20250529

# C70 WALL MOUNTED CYLINDERS

## PHOTOMETRICS

### LUMEN OUTPUT

Values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens by the multiplier below.

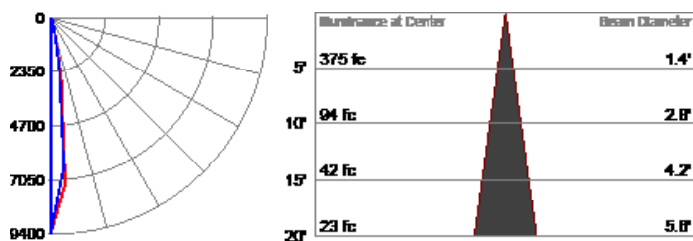
OUTPUT (mA)	WATTAGE	NOMINAL LUMENS	CODE	CCT	CRI	TECHNOLOGY	15°	25°	40°	60°
150	6W	550	22H	2200K	90+	Standard	0.65	0.80	0.80	0.70
200	8W	750	27H	2700K	90+	Standard	0.75	0.95	0.95	0.85
250	10W	900	30H	3000K	90+	Standard	0.80	1.00	1.00	0.90
300	12.5W	1100	30B	3000K	95+	Standard	0.70	0.90	0.90	0.80
350	14.5W	1250	30D	3000K	90+	Dim-to-Warm	N/A	0.90	0.90	0.80
400	16.5W	1400	35H	3500K	90+	Standard	0.85	1.05	1.05	1.05
			40H	4000K	90+	Standard	0.85	1.05	1.05	1.05

Luminaire maintains a lumen output tolerance of +/-7.5%

\*\*Dim-to-Warm dims from 3000K to 1800K

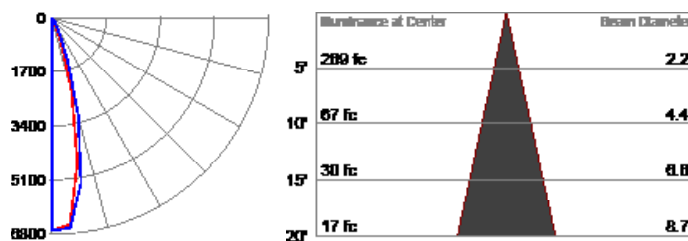
#### C70 - 15 Degree

Delivered Light Output: 1102 Lumens  
Total Watts @120V: 17;  
Lumens Per Watt: 65  
Center Beam Candle Power: 9363  
Spacing Criteria: 0.32



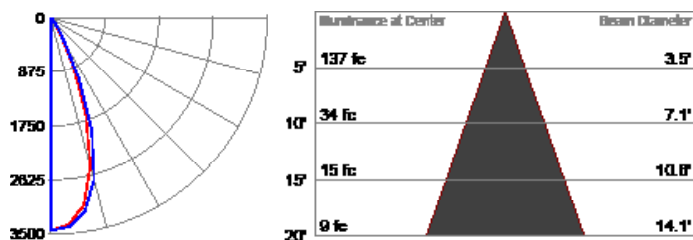
#### C70 - 25 Degree

Delivered Light Output: 1527 Lumens  
Total Watts @120V: 17;  
Lumens Per Watt: 90  
Center Beam Candle Power: 6683  
Spacing Criteria: 0.44



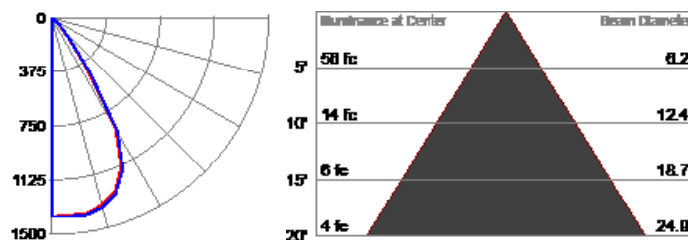
#### C70 - 40 Degree

Delivered Light Output: 1542 Lumens  
Total Watts @120V: 17;  
Lumens Per Watt: 91  
Center Beam Candle Power: 3437  
Spacing Criteria: 0.66



#### C70 - 60 Degree

Delivered Light Output: 1387 Lumens  
Total Watts @120V: 17;  
Lumens Per Watt: 82  
Center Beam Candle Power: 1377  
Spacing Criteria: 1.06











# C70 WALL MOUNTED CYLINDERS

## DIMMING

Dimming is standard and allows for smooth illumination below 1% with certain dimmer/driver combinations. The “U” (Universal) driver dims to 1%, accepts 120-277V AC Input and is compatible with 0-10V, Triac (forward phase) and ELV (reverse phase) dimmers. Triac and ELV dimming only available at 120V AC. The “Z1” (0-10V) driver dims to 0.1%, accepts 120-277V AC Input and is compatible with 0-10V dimmers. The “D1” (DALI) driver dims to 0.1%, accepts 120-277V AC Input and is compatible with DALI and DALI 2 dimmers. For dimmer compatibility, refer to the Dimming Compatibility document on our website.

## ACCESSORIES

### LENS ACCESSORIES

- **BL**  
Light Blue Lens
- **GR**  
Green Lens
- **RE**  
Red Lens
- **RO**  
Rose Lens
- **YE**  
Yellow Lens
- **HL**  
Black Honeycomb Louvre
- **LS**  
Linear Spread
- **SOL**  
Solite Lens

**C70-DR** (Frosted Decorative Glow Ring)  
Replaces bottom bezel



## EMERGENCY LIGHTING INVERTERS

Small size and versatile mounting is suitable for plenum space mounting in close proximity to the luminaire or for remote mounting up to 300 ft. distance using 18 AWG wire. Further distances are possible with larger gauge wire. Two-wire universal input reduces wiring errors and reduces installation time and complexity.

	ACI-H35-A1	ACI-H100-A1
Output Power:	35 Watts	100 Watts
Emergency Operation:	90 Min	90 Min
Battery Type:	LiFePO4	LiFePO4
Input Voltage:	120-277 Volts	120-277 Volts
Output Voltage:	120-277 Volts	120-277 Volts
Class 2 Output:	n/a	n/a
Diagnostic Type:	Test switch <sup>1</sup>	Test switch <sup>1</sup>
Title-20 Compliant:	Yes	Yes
Life Expectancy:	75k Hours	75k Hours
Dimensions:	20.67" x 2.24" x 2.05"	19.5" x 3.35" x 2.2"
Mounting Type:	In-Line / Remote	In-Line / Remote
Maximum Distance:	300ft (18AWG)	300ft (18AWG)
Weight:	4.85lbs	7.28lbs
Operating Ambient Temp	0-50° C	0-50° C

**NOTE:**

1. Test switch wiring can be extended up to 50 feet.