

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.



FINISH OPTIONS

White, Black, Silver, Custom



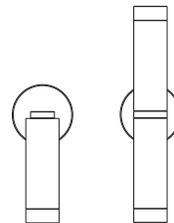
BEAM SPREADS



15° 25° 40° 60°

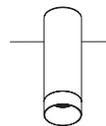
MOUNTING OPTIONS

Wall Mount or Up/Down Wall Mount



FIXTURE LENGTH

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



PRODUCT

C70 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12

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/CRI¹

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

[3] BEAM SPREAD¹

- 15** 15°³
 25 25°
 40 40°
 60 60°

[4] CYLINDER FINISH¹

- W** White
 B Black
 S Silver

[5] BEZEL TYPE

- SNC** Cylinder Snoot
 DR Decorative Ring⁴

[6] BEZEL FINISH¹

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

[7] COLORED LENS ACCESSORIES⁵

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

[8] LENS ACCESSORIES⁵

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

[9] DRIVER⁶

- 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)¹

- 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 Canopy⁷

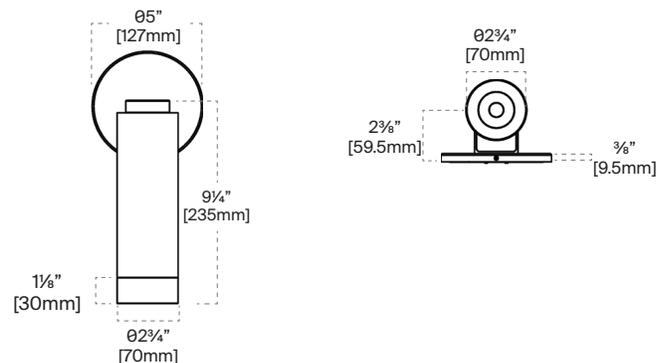
[12] SURFACE MOUNT HARDWARE COLOR

- W** White
 B Black
 S Silver

NOTES

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

WMSC Wall Mount Slim Canopy



PRODUCT #, Ordering for Up

C70UD	1	2	3	4	5	6	7	8	9	10		
	11	12	13	14	15	16	17	18	19	20	21	22

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 ¹

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

[3] [13] BEAM SPREAD ¹

- 15** 15° ³
- 25** 25°
- 40** 40°
- 60** 60°

[4] [14] CYLINDER FINISH ¹

- W** White
- B** Black
- S** Silver

[5] [15] BEZEL TYPE

- SNC** Cylinder Snoot
- DR** Decorative Ring ⁴

[6] [16] BEZEL FINISH ¹

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

[7] [17] COLORED LENS ACCESSORIES ⁵

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

[8] [18] LENS ACCESSORIES ⁵

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

[9] [19] DRIVER ⁶

- 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) ¹

- 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 ⁷

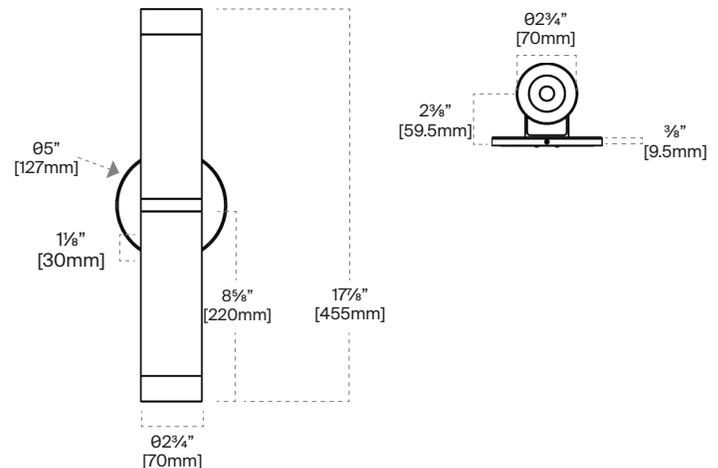
[22] SURFACE MOUNT HARDWARE COLOR

- W** White
- B** Black
- S** Silver

NOTES

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



C70 WALL MOUNTED CYLINDERS

PHOTOMETRICS

LUMEN OUTPUT

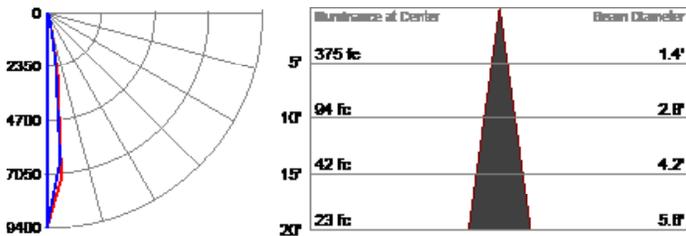
Values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens by the multiplier below.

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

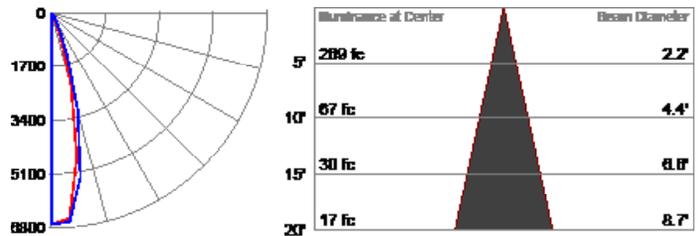
C70 - 15 Degree

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



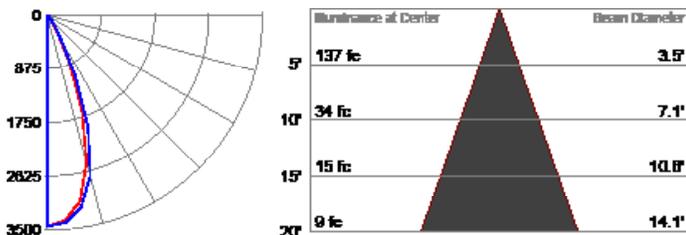
C70 - 25 Degree

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



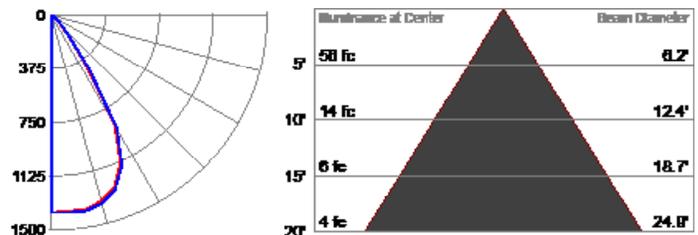
C70 - 40 Degree

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

YE
Yellow Lens

GR
Green Lens

HL
Black Honeycomb Louvre

RE
Red Lens

LS
Linear Spread

RO
Rose Lens

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 ¹	Test switch ¹
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.