



C70-95 MICRO CANOPY MOUNTED CYLINDERS

TYPE: _____

PROJECT: _____

With a 2.75" aperture, excellent visual cutoff, and are patented micro canopy mounting options - Lumenture's C70-95 Cylinders blend discreetly into any environment. These fixtures deliver high lumens without glare. The result is superior brightness and quality from an unobtrusive fixture.



DIMMING

Triac, ELV, 0-10V,
DALI-2 & LEDcode



WEIGHT

11 oz.



WATTAGE

6W-26W



EFFICACY

up to 2200lm
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.



FINISH OPTIONS

White, Black, Bronze, Silver, Custom



BEAM SPREADS



15° 25° 40° 60°

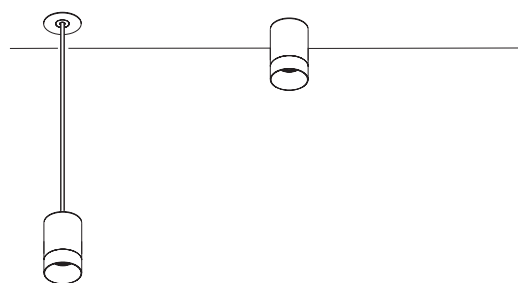
MOUNTING OPTIONS

PMMC

Pendant Mount
Micro Canopy

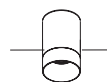
SMMC

Surface Mount
Micro Canopy



FIXTURE LENGTH

95mm (3 3/4")



C70-95 | Pendant Mounted Micro Canopy | Ordering

PRODUCT #

C70

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ORDERING EXAMPLE: C70 - 95 - 22H - 15 - W - SNC - W - X - X - X - 150 - PMMC - W - 96

[1] FIXTURE LENGTH

☐ 95 95mm Length Pendant Mounted Cylinders ¹

[2] CCT/CRI ²

- ☐ 22H 2200K, CRI 90+
- ☐ 27H 2700K, CRI 90+
- ☐ 30H 3000K, CRI 90+
- ☐ 30B 3000K, CRI 95+
- ☐ 30D 3000K, CRI 90+ (Dim-to-Warm) ³
- ☐ 35H 3500K, CRI 90+
- ☐ 40H 4000K, CRI 90+

[3] BEAM SPREAD ²

- ☐ 15 15° ⁴
- ☐ 25 25°
- ☐ 40 40°
- ☐ 60 60°

[4] CYLINDER FINISH ²

- ☐ W White
- ☐ B Black
- ☐ S Silver

[5] BEZEL TYPE

- ☐ SNC Cylinder Snoot
- ☐ DR Decorative Ring ⁵

[6] BEZEL FINISH ²

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

[7] COLORED LENS ACCESSORIES ⁶

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

[8] LENS ACCESSORIES ⁶

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

[9] DRIVER ⁷

- ☐ U Universal Driver - Available with a remodeler-style junction box
- ☐ X Near Drive™ - All driver types available, must be specified with Near Drive™ System

[10] OUTPUT (mA) ²

- ☐ 150 6W, 500lm
- ☐ 200 8W, 750lm
- ☐ 250 10W, 900lm
- ☐ 300 12.5W, 1100lm
- ☐ 350 14.5W, 1250lm
- ☐ 400 16.5W, 1400lm
- ☐ 450 19W, 1600lm
- ☐ 500 21W, 1750lm
- ☐ 600 26W, 2100lm

[11] MOUNTING

- ☐ PMMC Pendant Mount Micro Canopy ⁸

[12] CANOPY / CORD COLOR

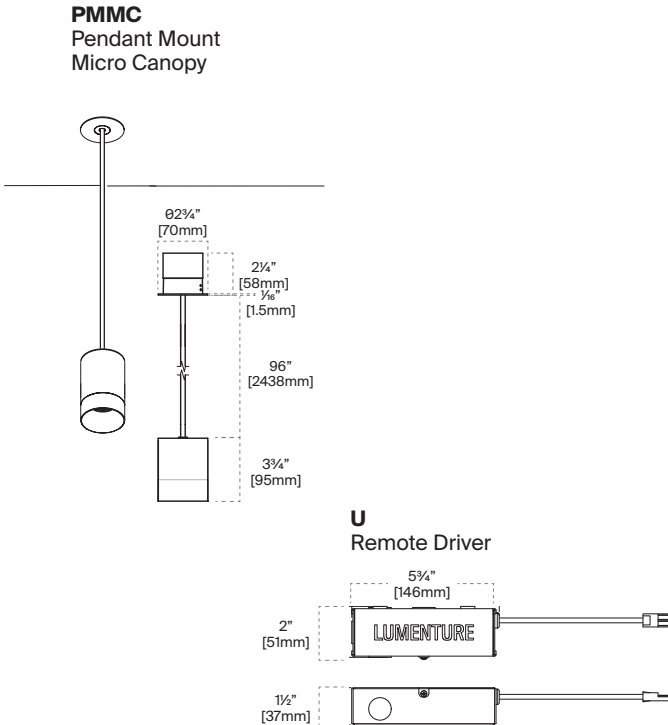
- ☐ W White
- ☐ B Black
- ☐ S Silver ⁹

[13] CORD LENGTH (IN)

- ☐ 96
- ☐ 240

NOTES

1. Requires a remodeler-style junction box (see drawing) OR remote [Near Drive™ System](#).
2. Custom options available. Please consult factory.
3. Dim-to-Warm range is from 3000K to 1800K.
Dim-to-Warm option is only available at 350mA and 400mA.
4. Maximum current for 15° beam spread option is 400mA.
5. Decorative glow ring replaces the Bezel. Specify finish as FR (frosted).
6. A maximum of two optional lens accessories can be installed together (1 Colored Lens and 1 Lens Accessory).
7. Emergency Lighting Inverters available. See page (4) for more information.
8. Cutout dimensions are Ø2.5 inches. Maximum ceiling thickness is 5⁄8" for Micro Canopy Mounting. Longer springs for thicker ceilings available upon request. Please consult factory.
9. Silver option will have a Silver Canopy with a Black Cord.
- Indicates available JA8-Title 24 combinations.



C70-95 | Surface Mounted Micro Canopy | Ordering

PRODUCT #

C70

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ORDERING EXAMPLE: C70 - 95 - 22H - 15 - W - SNC - W - X - X - X - 150 - SMMC - W

[1] FIXTURE LENGTH

☐ 95 95mm Length Surface Mounted Cylinders ¹

[2] CCT/CRI ²

- ☐ 22H 2200K, CRI 90+
- ☐ 27H 2700K, CRI 90+
- ☐ 30H 3000K, CRI 90+
- ☐ 30B 3000K, CRI 95+
- ☐ 30D 3000K, CRI 90+ (Dim-to-Warm) ³
- ☐ 35H 3500K, CRI 90+
- ☐ 40H 4000K, CRI 90+

[3] BEAM SPREAD ²

- ☐ 15 15° ⁴
- ☐ 25 25°
- ☐ 40 40°
- ☐ 60 60°

[4] CYLINDER FINISH ²

- ☐ W White
- ☐ B Black
- ☐ S Silver

[5] BEZEL TYPE

- ☐ SNC Cylinder Snoot
- ☐ DR Decorative Ring ⁵

[5] BEZEL FINISH ²

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

[7] COLORED LENS ACCESSORIES ⁶

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

[8] LENS ACCESSORIES ⁶

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

[9] DRIVER ⁷

- ☐ U Universal Driver - Available with a remodeler-style junction box
- ☐ X Near Drive™ - All driver types available, must be specified with Near Drive™ System

[10] OUTPUT (MA) ²

- ☐ 150 6W, 500lm
- ☐ 200 8W, 750lm
- ☐ 250 10W, 900lm
- ☐ 300 12.5W, 1100lm
- ☐ 350 14.5W, 1250lm
- ☐ 400 16.5W, 1400lm
- ☐ 450 19W, 1600lm
- ☐ 500 21W, 1750lm
- ☐ 600 26W, 2100lm

[11] MOUNTING

- ☐ SMMC Surface Mount Micro Canopy ⁹

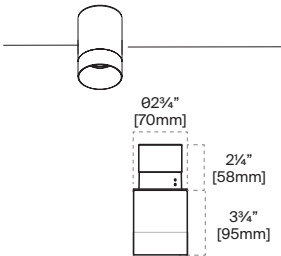
[12] SURFACE MOUNT HARDWARE COLOR ¹⁰

- ☐ W White
- ☐ B Black
- ☐ S Silver

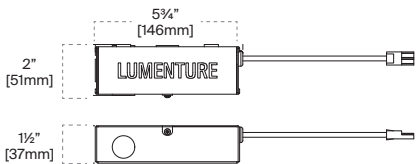
NOTES

1. Requires a remodeler-style junction box (see drawing) OR remote [Near Drive™ System](#).
2. Custom options available. Please consult factory.
3. Dim-to-Warm range is from 3000K to 1800K.
Dim-to-Warm option is only available at 350mA and 400mA.
4. Maximum current for 15° beam spread option is 400mA.
5. Decorative glow ring replaces the Bezel. Specify finish as FR (frosted).
6. A maximum of two optional lens accessories can be installed together (1 Colored Lens and 1 Lens Accessory).
7. Emergency Lighting Inverters available. See page (5) for more information.
8. D1 EdoLED DALI-2 assumed DALI-2 protocol. Please consult factory if DALI-1 protocol is needed.
9. Cutout dimensions are Ø2.5 inches. Maximum ceiling thickness is 5⁄8" for Micro Canopy Mounting. Please consult factory for thicker ceilings.
10. Micro Canopy color should be the same as cylinder finish.

SMMC
Surface Mount
Micro Canopy



U
Remote Driver



C70-95 MICRO CANOPY MOUNTED CYLINDERS

PHOTOMETRICS

LUMEN OUTPUT

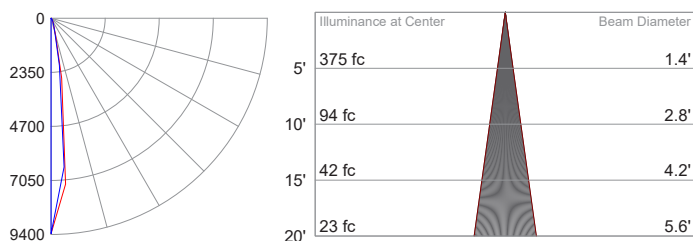
Values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens by the multiplier below.

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
450	19W	1600	40H	4000K	90+	Standard	0.85	1.05	1.05	1.05
500	21W	1750								
600	26W	2100								

Luminaire maintains a lumen output tolerance of +/-7.5%
 **Dim-to-Warm dims from 3000K to 1800K

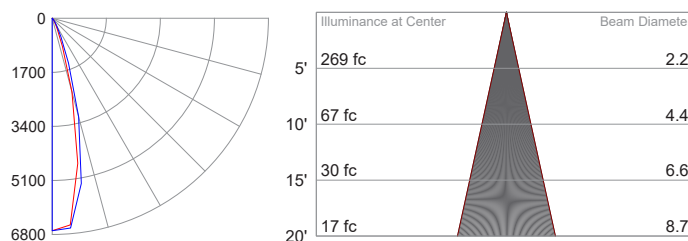
C70 - 15 Degree

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



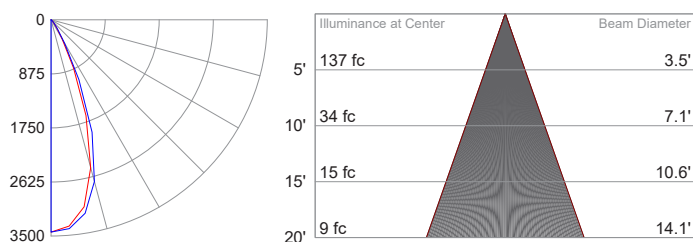
C70 - 25 Degree

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



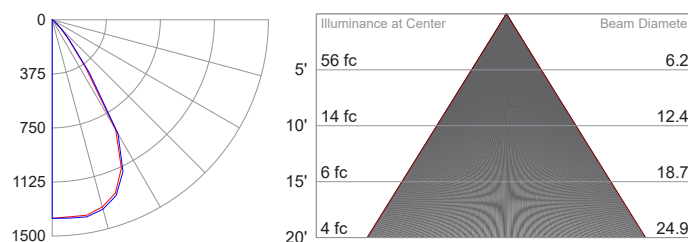
C70 - 40 Degree

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



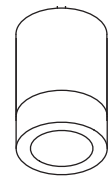
C70-95 MICRO CANOPY MOUNTED CYLINDERS

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.

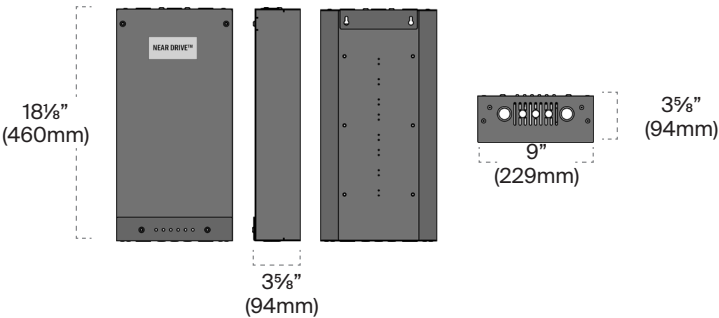
ACCESSORIES

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



NEAR DRIVE™ DIMENSIONS

Please see [Near Drive™ specification sheet](#) on website for more information.



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

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

BACKUP BATTERY	ACE EM ACEPH101555CP
Output Power:	10W (Constant)
Emergency Operation:	90 Minutes
Battery Type:	Lithium iron phosphate
Input Voltage:	120-277 VAC
Output Voltage:	15-55 VDC
Class 2 Output:	Yes
Diagnostic Type:	Manual
Title-20 Compliant:	Yes
Life Expectancy:	7-10 Years
Dimensions:	9.5 x 1.7 x 1.2"
Mounting Type:	Inline (metal conduit)
Weight:	2.8lbs

NOTE:

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