

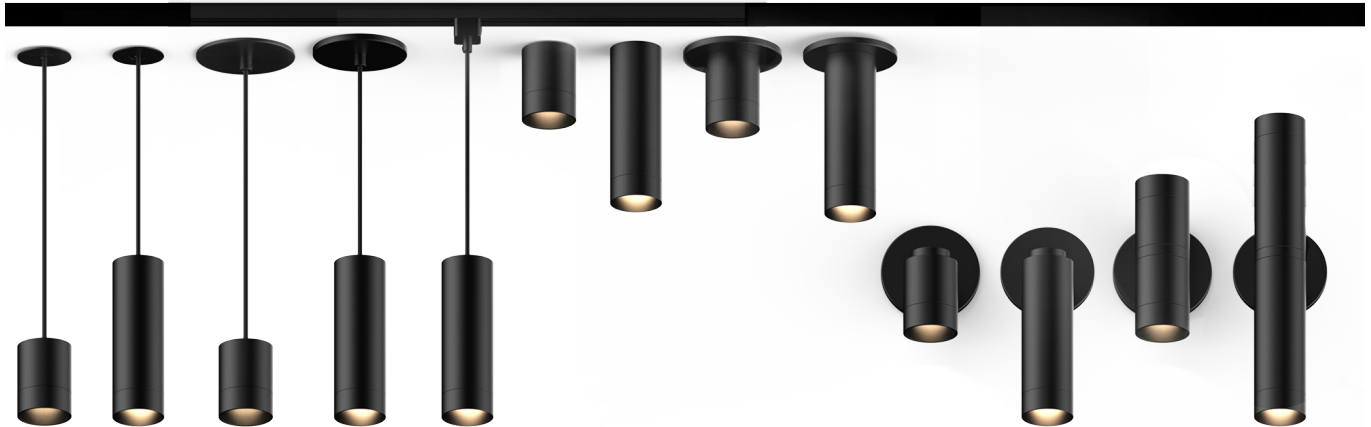


C70 CYLINDERS

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-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 (Pendant Track Mounted).

Certified to UL standard 1598 and CSA C22.2 No. 9.0 for damp locations (Surface Mounted and Pendant Mounted options).

Wall mounted version (WMSC) is ADA compliant when mounted 2'4"-6'8" on the wall.



FINISH OPTIONS

White, Black, Silver, Custom



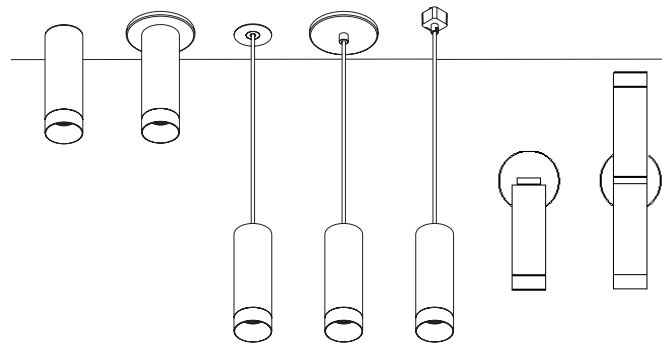
BEAM SPREADS



15° 25° 40° 60°

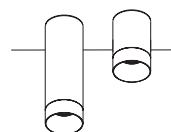
MOUNTING OPTIONS

[Surface Mounted](#), [Pendant Mounted](#), [Pendant Track Mounted](#), [Wall Mounted](#)



FIXTURE LENGTH

Available in 95mm (3 3/4") length or 220mm (8 5/8") length.



C70 | Surface Mounted Cylinders | Ordering

PRODUCT #

C70

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

[1] FIXTURE LENGTH

- ☐ 95
- 95mm Length Surface Mounted Cylinders
- ¹
- ☐ 220
- 220mm Length Surface Mounted Cylinders

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

[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
- ⁸
- ☐ 500
- 21W, 1750lm
- ⁸
- ☐ 600
- 26W, 2100lm
- ⁸

[11] MOUNTING

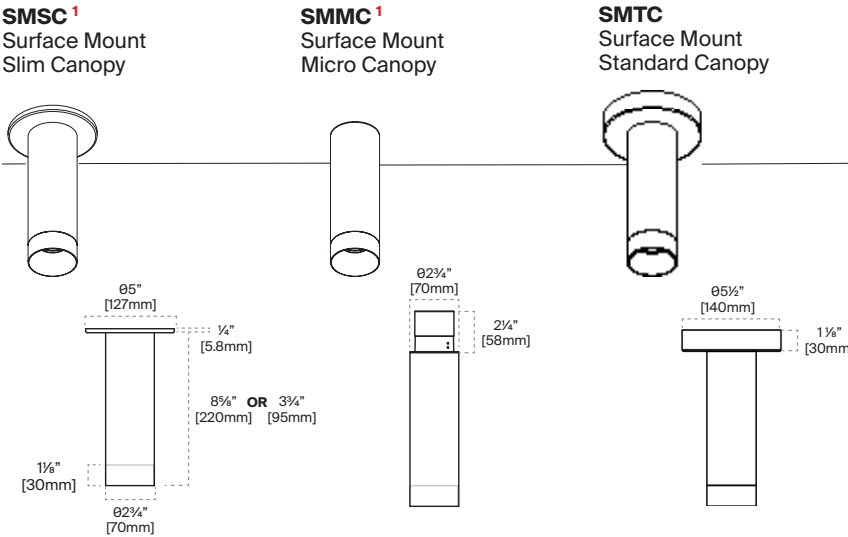
- ☐ SMMC
- Surface Mount Micro Canopy
- ⁹
- ☐ SMSC
- Surface Mount Slim Canopy
- ¹⁰
- ☐ SMTC
- Surface Mount Standard Canopy
- ^{8, 10}

[12] SURFACE MOUNT HARDWARE COLOR ¹¹

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

NOTES

1. 95mm length requires Surface Mount Standard Canopy (SMTC).
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. EM battery backup option available only when the driver is not integral within the cylinder. See page (8) for more information.
8. Current settings over 400mA require Surface Mount Standard Canopy (SMTC) option.
9. Cutout dimensions are Ø2.5 inches. Maximum ceiling thickness is 5/8" for Micro Canopy Mounting. Please consult factory for thicker ceilings.
10. Mounts to standard 4" junction box.
11. Micro Canopy color should be the same as cylinder finish.



C70 | Pendant Mounted Cylinders | Ordering

PRODUCT #

C70

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ORDERING EXAMPLE: C70 - 220 - 22H - 15 - W - SNC - W - X - X - U - 150 - PMMC - W - 96

[1] FIXTURE LENGTH

- ☐ 95
- 95mm Length Pendant Mounted Cylinders
- ¹
- ☐ 220
- 220mm Length Pendant Mounted Cylinders

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

[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
- ⁸
- ☐ 500
- 21W, 1750lm
- ⁸
- ☐ 600
- 26W, 2100lm
- ⁸

[11] MOUNTING

- ☐ PMMC
- Pendant Mount Micro Canopy
- ⁹
- ☐ PMSC
- Pendant Mount Slim Canopy
- ¹⁰
- ☐ PMTC
- Pendant Mount Standard Canopy
- ^{8,10}

[12] CANOPY / CORD COLOR

- ☐ W
- White
- ☐ B
- Black
- ☐ S
- Silver
- ¹¹

[13] CORD LENGTH (IN)

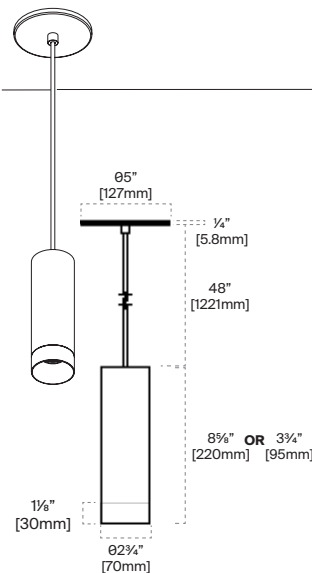
- ☐ 96
- ☐ 240

NOTES

1. 95mm length requires Surface Mount Standard Canopy (PMTC).
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. EM battery backup option available only when the driver is not integral within the cylinder. See page (8) for more information.
8. Current settings over 400mA requires Pendant Mount Standard Canopy (PMTC) option.
9. Cutout dimensions are 02.5 inches. Maximum ceiling thickness is ¾" for Micro Canopy Mounting.
Please consult factory for thicker ceilings.
10. Mounts to standard 4" junction box.
Please consult factory about PMSC 0-10V Dimming.
11. Silver option will have a Silver Canopy with a Black Cord.

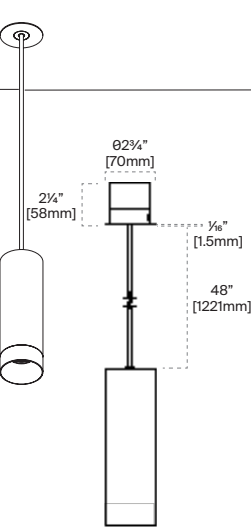
PMSC ¹

Pendant Mount
Slim Canopy



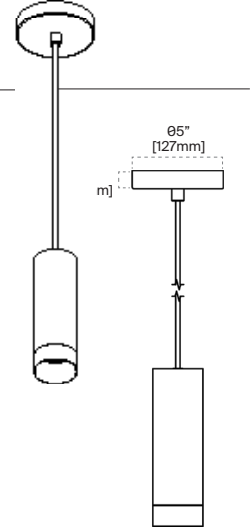
PMMC ¹

Pendant Mount
Micro Canopy



PMTC

Pendant Mount
Standard Canopy



C70 | Pendant Track Mounted Cylinders | Ordering

PRODUCT #

C70

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ORDERING EXAMPLE: C70 - 220 - 22H - 15 - W - SNC - W - X - X - T - 150 - PTMJ - W - 48

[1] FIXTURE LENGTH

☐ 220 220mm Length Track Mounted Cylinders

[2] 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] BEAM SPREAD ¹

- ☐ 15 15° ³
- ☐ 25 25°
- ☐ 40 40°
- ☐ 60 60°

[4] CYLINDER FINISH ¹

- ☐ W White
- ☐ B Black
- ☐ S Silver

[5] BEZEL TYPE

- ☐ SNC Cylinder Snoot
- ☐ DR Decorative Ring ⁴

[6] BEZEL FINISH ¹

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

[7] COLORED LENS ACCESSORIES ⁵

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

[8] LENS ACCESSORIES ⁵

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

[9] DRIVER

- ☐ T Triac/ELV Dimming Driver

[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

- ☐ PTMJ J-Type Standard Adapter
- ☐ PTML L-Type
- ☐ PTMH H-Type

[12] CORD / ADAPTER COLOR

- ☐ W White
- ☐ B Black

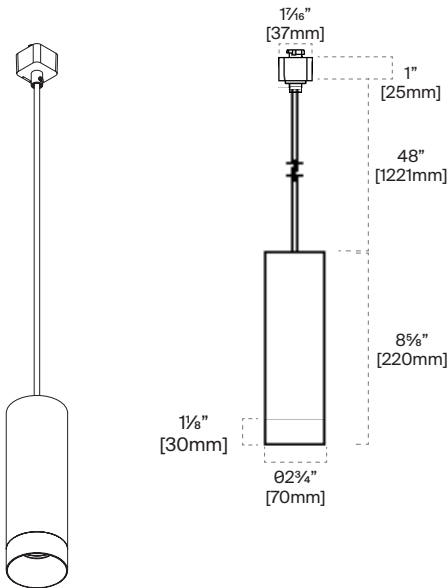
[13] CORD LENGTH (IN) ⁶

- ☐ 48
- ☐ 96
- ☐ 240

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 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. Field Adjustable lengths.

PTM
Pendant Track Mount



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 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] BEAM SPREAD ¹

- ☐ 15 15° ³
- ☐ 25 25°
- ☐ 40 40°
- ☐ 60 60°

[4] CYLINDER FINISH ¹

- ☐ W White
- ☐ B Black
- ☐ S Silver

[5] BEZEL TYPE

- ☐ SNC Cylinder Snoot
- ☐ DR Decorative Ring ⁴

[6] BEZEL FINISH ¹

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

[7] COLORED LENS ACCESSORIES ⁵

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

[8] LENS ACCESSORIES ⁵

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

[9] 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] 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 Canopy ⁷

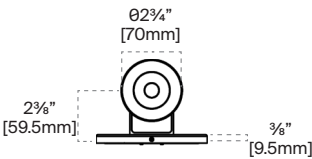
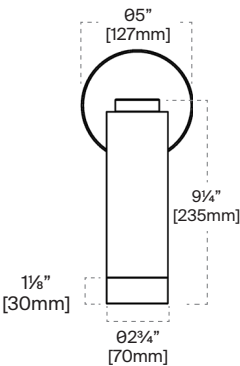
[12] SURFACE MOUNT HARDWARE COLOR

- ☐ 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 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. EM battery backup option available only when the driver is not integral within the cylinder. See page (8) 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

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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 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

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 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. EM battery backup option available only when the driver is not integral within the cylinder. See page (8) 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

C70 Cylinder Specifications p. 6/8
Custom options available, please consult factory
Product specifications are subject to change
info@lumenture.com P. 203.864.3333

LUMENTURE[®]
www.lumenture.com
version 20250521

C70 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.

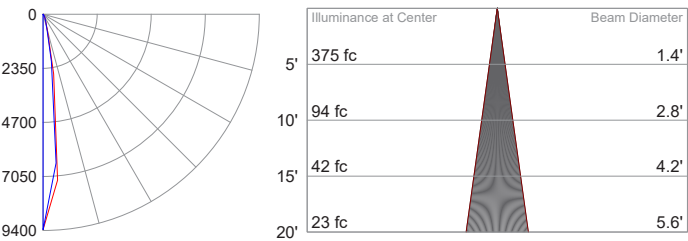
OUTPUT (mA)	WATTAGE	NOMINAL LUMENS
150	6W	550
200	8W	750
250	10W	900
300	12.5W	1100
350	14.5W	1250
400	16.5W	1400
450	19W	1600
500	21W	1750
600	26W	2100

CODE	CCT	CRI	TECHNOLOGY	15°	25°	40°	60°
22H	2200K	90+	Standard	0.65	0.80	0.80	0.70
27H	2700K	90+	Standard	0.75	0.95	0.95	0.85
30H	3000K	90+	Standard	0.80	1.00	1.00	0.90
30B	3000K	95+	Standard	0.70	0.90	0.90	0.80
30D	3000K	90+	Dim-to-Warm	N/A	0.90	0.90	0.80
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

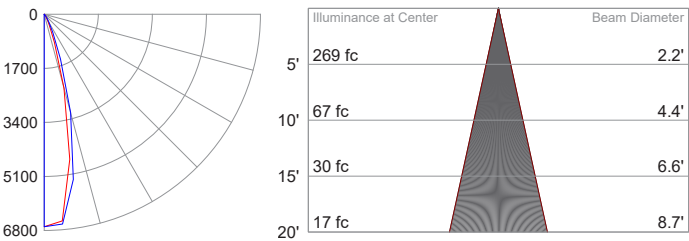
C70 - 15 Degree

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



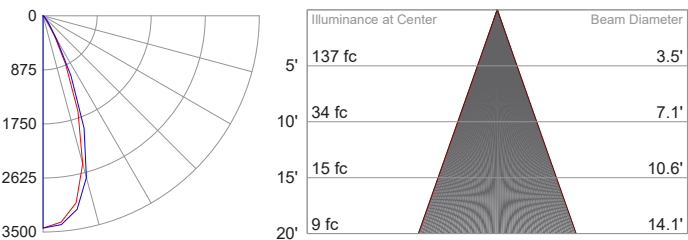
C70 - 25 Degree

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



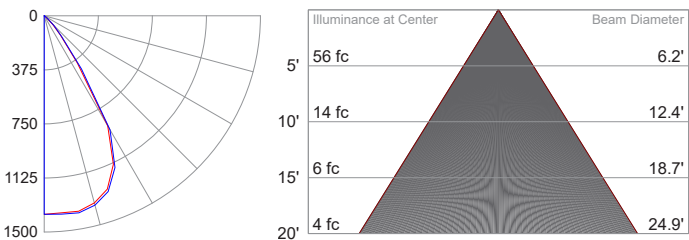
C70 - 40 Degree

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 CYLINDERS

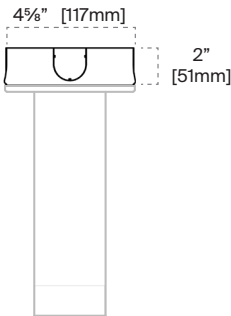
DIMMING

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

JA-18-[Finish]-Cover (Deep Canopy Collar)

The JA-18 Cover helps shield unsightly surface mount J-Boxes and blends seamlessly with the Standard or Slim Canopy options (sold separately). **Finish:** Black (B), White (W). **Ordering Ex:** JA-18-B-Cover



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

EMERGENCY BACKUP

	LEM08: Lithonia LEM08-A-06
Output Power:	8W (initial)
Emergency Operation:	90 minutes
Battery Type:	nickel-cadmium
Input Voltage:	120-277 VAC
Output Voltage:	20-50 VDC
Class 2 Output:	Yes
Diagnostic Type:	Manual
Title-20 Compliant:	Yes
Life Expectancy:	7-10 years
Dimensions:	13.4 x 2.4 x 1.6"
Mounting Type:	Remote Inline
Maximum Distance	25 ft
Weight:	2.8 lbs
Cost:	\$\$

NOTES

EM Battery Backup option is only available when the driver is not integral within the cylinder.
Access panel is required for service of remote emergency backup battery.