

ADVANCED HIGH CEILING

6" Cylinder Slim Series

Quantity
Project
Note
Type

6-inch aperture cylinder with aesthetic design and minimal visual impact suited for remodel or new construction. IP65, outdoor, and natatorium rated.



Electrical System

- 30W, 50W, 70W, 90W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV
- Remote Emergency Pack with Test Switch: Bodine BSL20LV

LED Technology

- 2700K, 3000K, 3500K, 4000K, 5000K
- Tuning White: 2700K ↔ 5700K (PLEASE INQUIRE)
- 75 CRI for 5000K
- 85 CRI for 2700K, 3000K, 3500K, 4000K
- 93 CRI for 2700K, 3000K, 3500K
- Beam Angle: 15° (30W - 70W only), 25°, 45°, 60°, 100° (with diffuser)
- Rated Life > 60,000 Hours (L70)

Versatile Dimming

- Standard 0-10V: <5%
- DMX: high resolution 4,096 steps to <0.1%
- Superior 0-10V: dims to less than 1%
- TRIAC: Line-voltage phase control, dims to 1% (120V only)
- 3-wire: LUTRON Hi Lume 3-wire, dims to 1%
- ECOsystem: LUTRON Hi Lume ECOsystem, dims to 1%

Flicker-free Technology

- METEOR's proprietary VX Driver combats flickering in recorded materials. Compatible with all dimming options.

Lead Time

- 4 Weeks: Guarantee 4 weeks lead time on over **70%** of specifications.

Housing

- Diameter: 6.4" (164mm)
- Height: 13" (330mm; 0-10V / TRIAC / ECOsystem Version)
17" (432mm; DMX / Superior 0-10V Version)
- Material: Aluminum
- Weight: 15.4 lbs (0-10V / TRIAC / ECOsystem Version)
19.8 lbs (DMX and Superior 0-10V Version)

Mounting

- Surface Mount
- Stem 2ft or 4ft; 45° Swivel Canopy Included
- Adjustable Aircraft Cable 10ft
- Wall Mount

Warranty

- 5 year limited warranty

Listing

- UL Damp Location Listed
- UL Wet Location **Listed**, IP65 Outdoor Rating (optional)
- Natatorium Rating (optional)



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How To Specify:

Ordering Example: CSS-90-408-UNV-STV-45-WHT-SUM-EMP-DF

Model	Wattage	CCT / CRI	Voltage	Dimming
CSS	-	-	UNV	-
CSS Cylinder Slim	30 30W 50 50W 70 70W 90 90W	278 2700K / CRI85 308 3000K / CRI85 358 3500K / CRI85 408 4000K / CRI85 507 5000K / CRI75 279 2700K / CRI93 309 3000K / CRI93 359 3500K / CRI93	UNV 120-277V	STV ¹ Standard 0-10V <5% SPV ^{1,2} Superior 0-10V <1% DMX ² DMX <0.1% (XLR Sockets) DMX(RJ45) ² DMX <0.1% (RJ45 Sockets) TRC ^{1,2} TRIAC <1% ECO ^{1,2} LUTRON ECOsystem <1% 3WIR ^{1,2} LUTRON 3-wire <1%
Beam Angle	Finish	Mounting	Accessories	Optional
15 15° (30-70W only) 25 25° 45 45° 60 60° WD 100°	BLK Black WHT White	SUM Surface Mount ST2 ² Stem 2ft ST4 ² Stem 4ft AD10 ² Adjustable Cable 10ft WLM Wall Mount (Standard 0-10V only)	TNW ^{2,3} Tuning White SPD ⁴ Surge Protector EMP ² Remote Emergency Pack with Test Switch DF ^{2,5} Diffuser	OUT ^{1,6} Outdoor Rating NAT ^{1,7} Natatorium Rating

Standard lead time is 4 weeks, items highlighted in grey require additional lead time.

Notes:

- ¹ Option is not compatible with DMX.
- ² Option is not compatible with Outdoor and Natatorium rating.
- ³ PLEASE INQUIRE.
- ⁴ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.
- ⁵ Please factor in change in lumen output with diffuser (-20% with 100°; -12% with other degrees).
- ⁶ Outdoor rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long term operation in outdoor environments.
- ⁷ Natatorium rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long term exposure to chlorine vapors.

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Delivered Lumens*

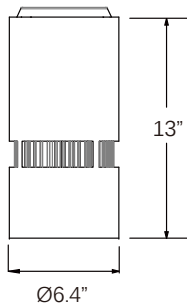
CCT	30W	50W	70W	90W
	Beam Angle: 25°			
5000K	3480 lm	5760 lm	7950 lm	10450 lm
4000K	3125 lm	5150 lm	7035 lm	9250 lm
3500K	3010 lm	5120 lm	6945 lm	9130 lm
3000K	2910 lm	5060 lm	6770 lm	8900 lm
2700K	2785 lm	4610 lm	6245 lm	8210 lm

*Tolerance ±8%

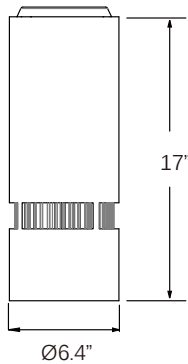
Emergency Pack Lumen Output Table

CCT	2700K	3000K	4000K	5000K
Lumen	1640 lm	1760 lm	1890 lm	1950 lm

Dimensions

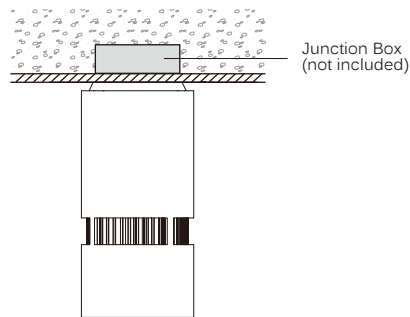


0-10V / TRIAC / ECOsystem Version

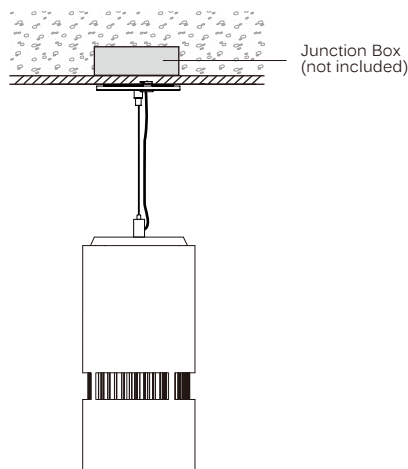


DMX / Superior 0-10V Version

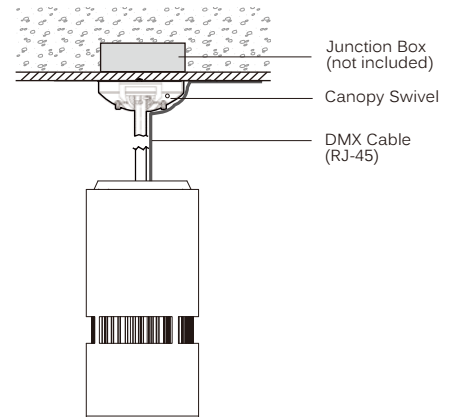
Mounting Options



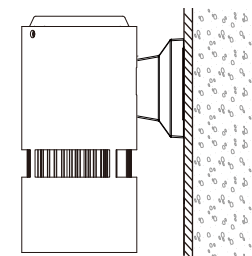
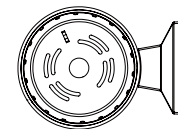
Surface Mount



Adjustable Aircraft Cable



Stem



Wall Mount

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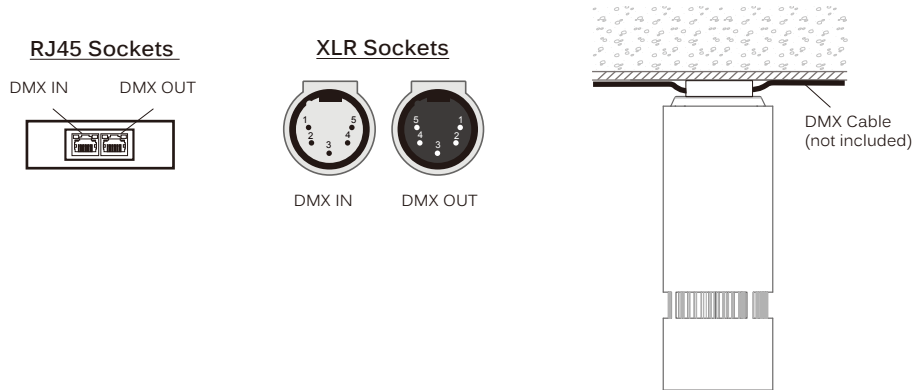
DMX Requirements*

The Cylinder Slim LED fixture with DMX is a ONE CHANNEL DMX unit.

When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)

The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

The final fixture should be terminated by the use of DMX Terminator (by others).



CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN(PIN 8)	PIN 1
Signal -	ORANGE(PIN 2)	PIN 2
Signal +	WHITE/ORANGE(PIN 1)	PIN 3
Spare		PIN 4
Spare		PIN 5

Compatible TRIAC Dimmer List

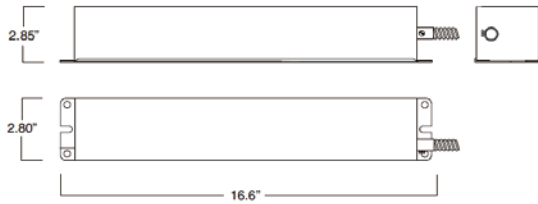
LUTRON PART NO.

MRF2-6ND-120	HQRD-6NA	RRD-10ND	SZ-6ND
RRD-6NA	HQRD-6ND	HQRD-10ND	

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Remote Emergency Pack



Mounting with standard ceiling recessed Junction BOX

