SIGNUM 10

SPECIFICATION SHEET

SLEEK AND AESTHETIC
HIGH CEILING CYLINDER

Housing
Diameter : Ø9.84" | Height : 10.83" | Weight : 16.53 lbs (85W)

Material
Housing : High Pressure Die-Cast Aluminum
Lens : Clear Polycarbonate

Power Input
85W, 110W | 120-277V

Lumen Output
8,590 lm (85W), 9,800 lm (110W)

Dimming
Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
TRC : Line-voltage phase control, dims to 1% (120V only)

Color Quality	**Rated Life**
CRI 85	> 100,000 Hours (L70)

Finish

Black White

Color Temperature

2700K 3000K 3500K 4000K 5000K

Optics

25° 40° 60° Wide

Mounting

Stem Mount | Adjustable Cable | Surface Mount | Wall Mount | Yoke Mount

Warranty
5 Year limited warranty

Listing

Dual Chamber Design For Maximum Performance

The Signum 10 is a 10-inch aperture cylinder that feature a lumen package range of 8,590 lm – 9,800 lm. Compatible with a wide variety of mounting, dimming and optic selections. Perfect for general illumination and high ceiling applications.

METEOR

meteor-lighting.com

SPECIFICATION SHEET

SIGNUM 10

SLEEK AND AESTHETIC
HIGH BAY CYLINDER

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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

SS10	MODEL	**SIGNUM 10**		
	WATTAGE	○ **85** 85W	○ **110** 110W	
	CCT / CRI	○ **278** 2700K / CRI 85 ○ **408** 4000K / CRI 85	○ **308** 3000K / CRI 85 ○ **508** 5000K / CRI 85	○ **358** 3500K / CRI 85
UNV	VOLTAGE	**UNV** 120 – 277V		
	DIMMING	○ **STV** STV Standard 0-10V dims to 10% ○ **DMXR** DMX dims to 0.1% (RJ45 Sockets)	○ **SPV** Superior 0-10V dims to 1% ○ **TRC**[1] Linear line-voltage phase control, dims to 1%	○ **DMX** DMX dims to 0.1% (XLR Sockets)
	BEAM ANGLE	○ **25** 25° ○ **WD** Wide	○ **40** 40°	○ **60** 60°
	FINISH	○ **BLK** Black	○ **WHT** White	
	MOUNTING	○ **SUM** Surface Mount ○ **AD10** Adjustable Cable 10ft ○ **SAD10** Sloped Adjustable Cable 10ft	○ **ST2** Stem 2ft ○ **WLM** Wall Mount	○ **ST4** Stem 4ft ○ **YKM** Yoke Mount
	ACCESSORIES	☐ **SPD**[2] Surge Protector ☐ **CT**[3] Conduit Mount	☐ **EMP** Remote Emergency Pack ☐ **FCS**[4] Field Cut Stem Adapter Kit	☐ **CB** Cross Baffle

CLEAR FORM

[1] *TRC is only compatible with 120V and not compatible with 110*
[2] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
[3] *CT is not compatible with SUM, WLM, YKM*
[4] *FCS is not compatible with SUM, AD10, SAD10, WLM, YKM*

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HIGH BAY CYLINDER

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TECHNICAL DETAILS

Electrical

- 8,590 lm (85W), 9,800 lm (110W)
- Power Input : Universal (120-277V)
- Operating Temperature : -13°F~112°F
- Surge Protection : Built-in is 4KV
- Power Factor Greater than 0.9
- Remote Emergency Pack: Bodine BSL20B2UEK55C1I1

LED Features

- Color Temperature : 2700K, 3000K, 3500K, 4000K, 5000K
- CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Precision molded high transmittance clear PC lens
- Beam Angle : 25°, 40°, 60°, WD

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Standard 0-10V : Dims to 10%
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- TRC : Line-voltage phase control, dims to 1% (120V only)

Housing

- Diameter : Ø9.84"
- Height : 10.83"
- Material : High Pressure Die-Cast Aluminum, PC Lens
- Weight : 16.53 lbs (85W), 17.19 lbs (110W)

Mounting

- Surface Mount
- Stem 2ft or 4ft; 37° Swivel Canopy Included
- Adjustable Cable 10ft
- Wall Mount
- Yoke Mount
- Sloped Adjustable Aircraft Cable 10ft

Warranty

- 5-year limited warranty

Listing

- ETL Dry Location Listed
- CE
- UKCA

PERFORMANCE SUMMARY*

Delivered Lumens					
CCT/WATTAGE	2700K	3000K	3500K	4000K	5000K
85W Beam Angle: 40°	6,220lm	6,730lm	7,000lm	7,600lm	8,590lm
110W Beam Angle: 60°	7,430lm	7,760lm	8,440lm	8,890lm	9,800lm

Current Consumption		
WATTAGE / VOLT	120V	277V
85W	0.87A	0.38A
110W	1.11A	0.48A

** Tolerance ±8%*

Emergency Pack Lumen Output Table				
CCT	2700K	3000K	4000K	5000K
LUMEN	1,640lm	1,760lm	1,890lm	1,950lm

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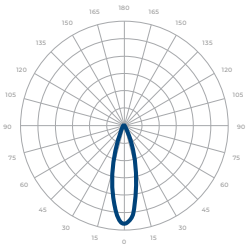
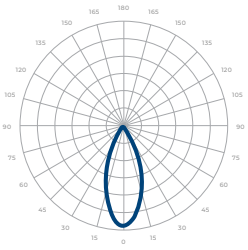
PHOTOMETRICS

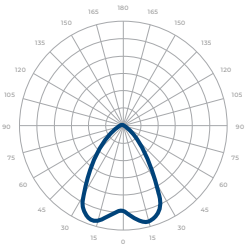
Below is a typical photometric representation of the Sugnum 10 fixture. Please download IES files to ensure exact photometric value.



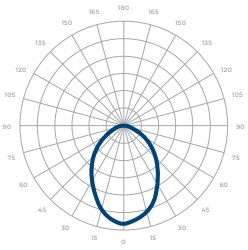
25°



40°



60°



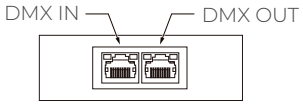
Wide

DMX REQUIREMENTS

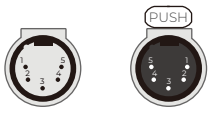
The Signum 10 fixture with DMX is a **single channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

The fixture can be connected with RJ45 or XLR sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

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



RJ45 Sockets



DMX IN DMX OUT

XLR Sockets

COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.

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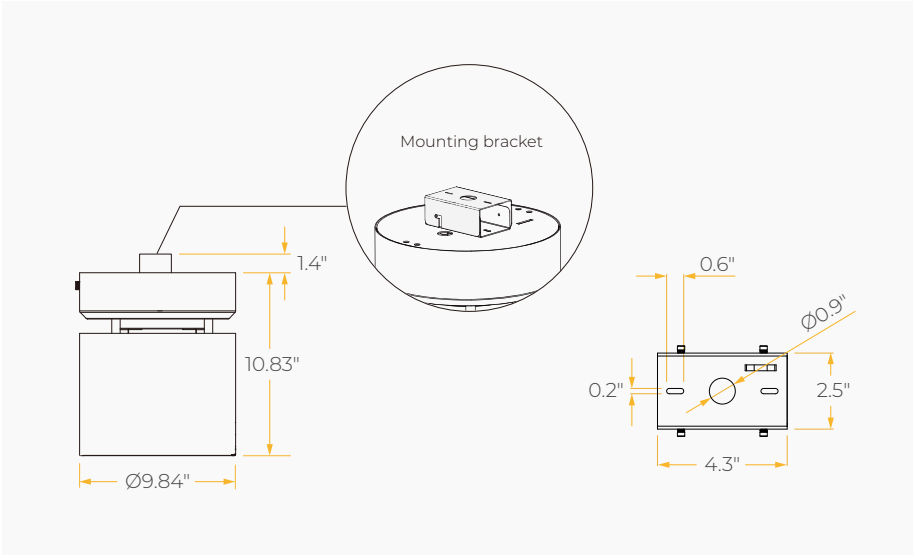
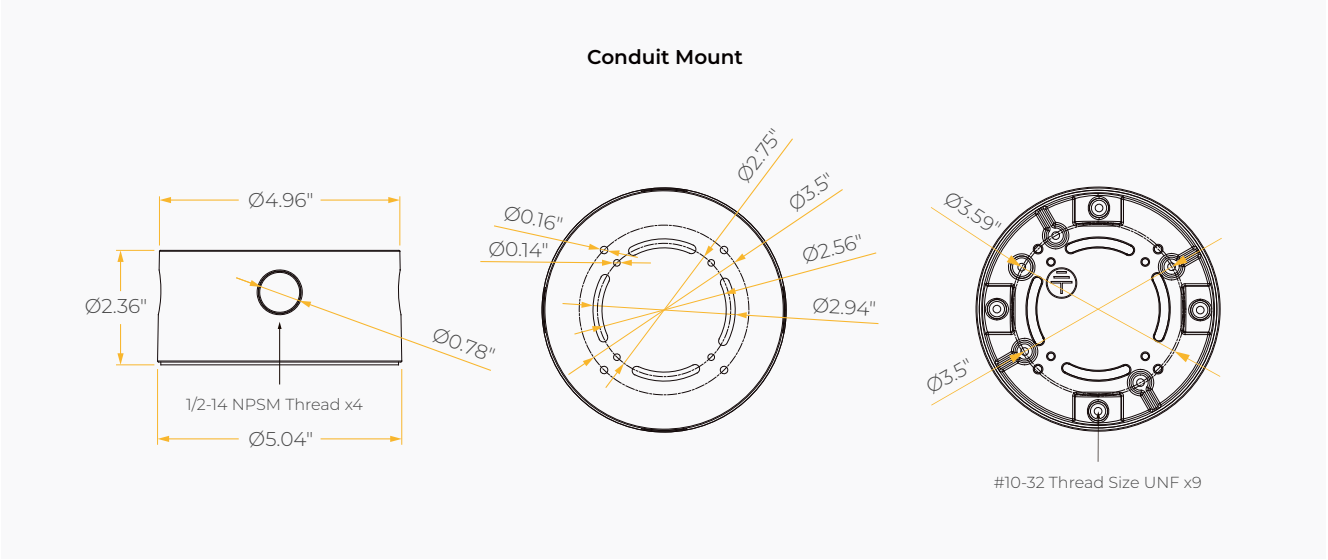
COMPATIBLE TRC DIMMER LIST

PART NO.					
Lutron S-603PG	Lutron DVCL-153P	Lutron DVLV-600P	Lutron TGCL-153P	Lutron S-600P	Lutron DVELV-303P
Lutron SELV-300P	Lutron TG-600P	Lutron DVLV-600P	Lutron LG-600P	Lutron CT-103P	Lutron MAELV-600
Lutron FAELV-500	Leviton IPI06-1LZ	Leviton 6631-2	Leviton VPE06	Leviton 6683-IW	Leviton 6161
Leviton 6633-P	Leviton IPE04	Cooper DLC03P	Cooper SLC03P	Cooper DAL06P	Lightolier ZP260QEW

DIMENSIONS



Conduit Mount



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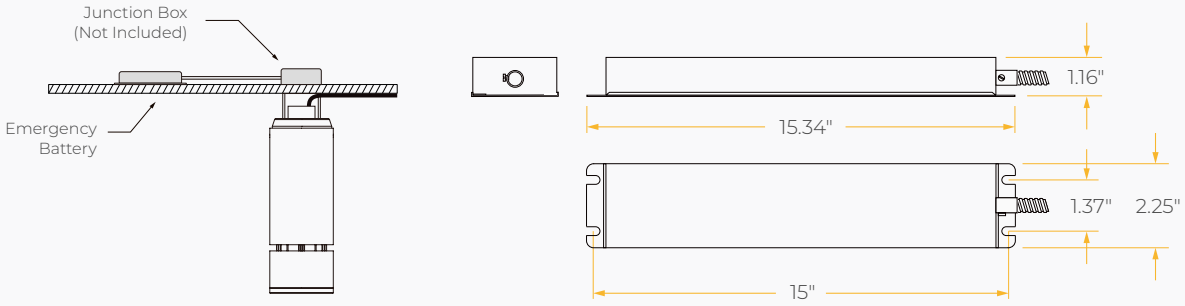
DIMENSIONS

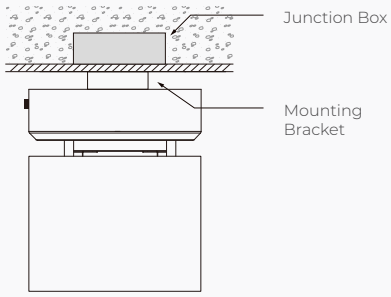
Remote Emergency Pack



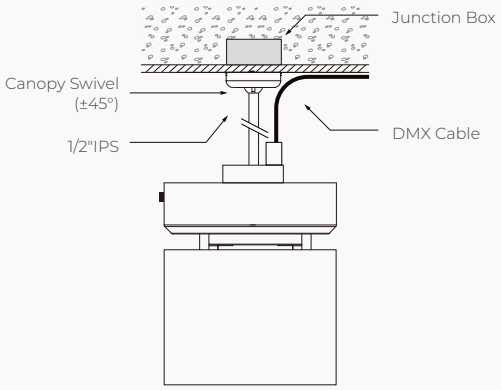
MOUNTING OPTIONS*

**Juntion Box not included*

Surface Mount



Stem Mount



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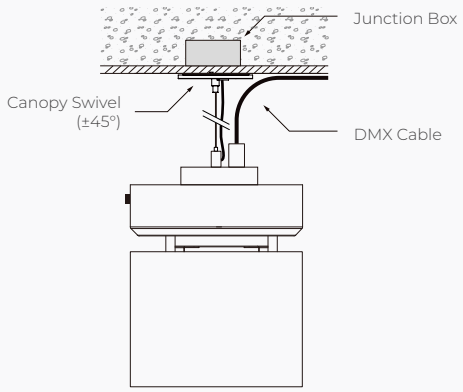
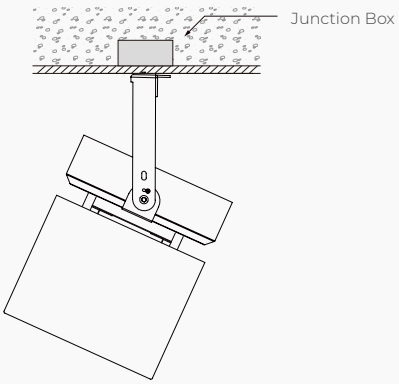
MOUNTING OPTIONS*

**Juntion Box not included*

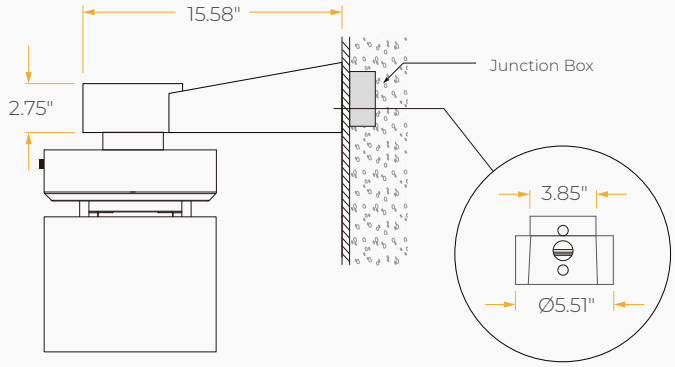
Adjustable Cable



Yoke Mount



Wall Mount



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