SIGNUM 8

SPECIFICATION SHEET

SLEEK AND AESTHETIC
HIGH CEILING CYLINDER

Housing
Diameter : Ø8.26" | Height : 9.25" | Weight : 11.02 lbs

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

Power Input
45W | 120-277V

Lumen Output
4,220 lm (45W)

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
CRI 85

Rated Life
> 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 8 is a 8-inch aperture cylinder that feature a lumen package of 4,220 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 8

SLEEK AND AESTHETIC
HIGH BAY CYLINDER

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

SS8-45-278-UNV-STV-25-BLK-SUM-NO

QUANTITY

SS8	MODEL	**SIGNUM 8**		
45	WATTAGE	**45** 45W		
278	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		
STV	DIMMING	◉ **STV** Standard 0-10V dims to 10% ○ **DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets)	○ **SPV** Superior 0-10V dims to 1% ○ **TRC**[1] Line-voltage phase control, dims to 1%	○ **DMX** DMX dims to 0.1% (XLR Sockets)
25	BEAM ANGLE	◉ **25** 25° ○ **WD** Wide	○ **40** 40°	○ **60** 60°
BLK	FINISH	◉ **BLK** Black	○ **WHT** White	
SUM	MOUNTING	◉ **SUM** Surface Mount ○ **AD10** Adjustable Cable 10ft ○ **SAD10** Sloped Adjustable Cable 10ft	○ **ST2** Stem 2ft ○ **WLM**[2] Wall Mount	○ **ST4** Stem 4ft ○ **YKM** Yoke Mount
NO	ACCESSORIES	◉ **NO** No Accessories ○ **CT** Conduit Mount	○ **SPD**[3] Surge Protector ○ **FCS** Field Cut Stem Adapter Kit	○ **EMP** Remote Emergency Pack

[1] *Option is only compatible with 120V*
[2] *Wall Mount DMX wiring is through 3 DMX Positive / Negative / Common wires*
[3] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*

Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

TECHNICAL DETAILS

Electrical
- 4,220 lm (45W)
- 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: Ø8.26"
- Height: 9.25"
- Material: High Pressure Die-Cast Aluminum, PC Lens
- Weight: 11.02 lbs

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
45W	3,230lm	3,350lm	3,490lm	3,770lm	4,220lm

Current Consumption		
WATTAGE / VOLT	120V	277V
45W	0.47A	0.2A

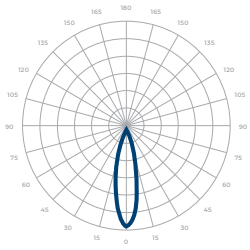
**Beam Angle: 25° * Tolerance ±8%*

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

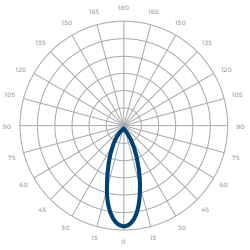
Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

PHOTOMETRICS

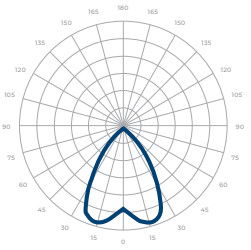
Below is a typical photometric representation of the Signum 8 fixture. Please download IES files to ensure exact photometric value.



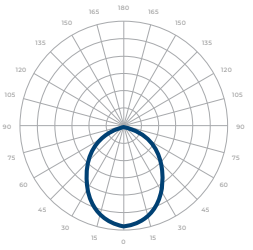
25°



40°



60°



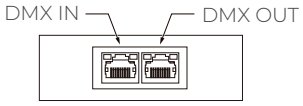
Wide

DMX REQUIREMENTS

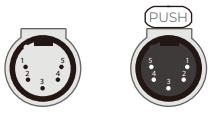
The Signum 8 fixture with DMX is a **single channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

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.

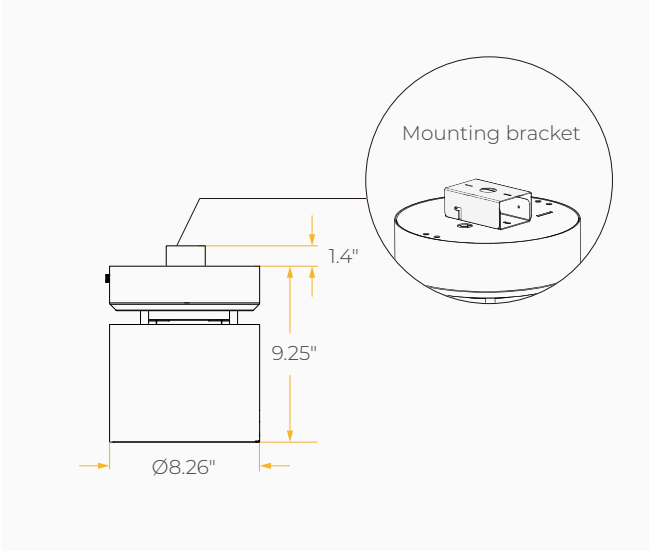
Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.

Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

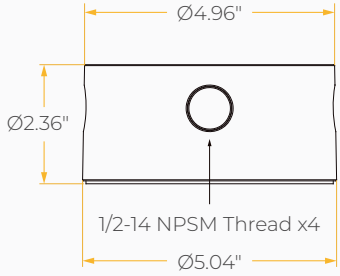
COMPATIBLE TRC DIMMER LIST

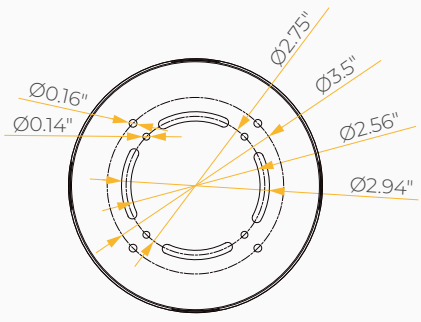
PART NO.					
Lutron S-603PG	**Lutron** DVCL-153P	**Lutron** DVLV-600P	**Lutron** TGCL-153P	**Lutron** S-600P	**Lutron** DVELV-303P
Lutron SELV-300P	**Lutron** TG-600P	**Lutron** DVLV-600P	**Lutron** LG-600P	**Lutron** CT-103P	**Lutron** MAELV-600
Lutron FAELV-500	**Leviton** IPI06-1LZ	**Leviton** 6631-2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

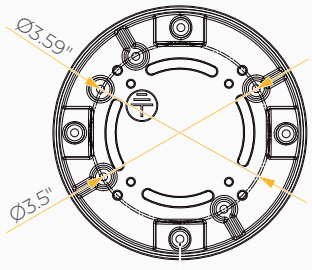
DIMENSIONS



Conduit Mount



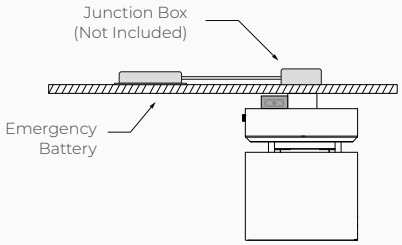




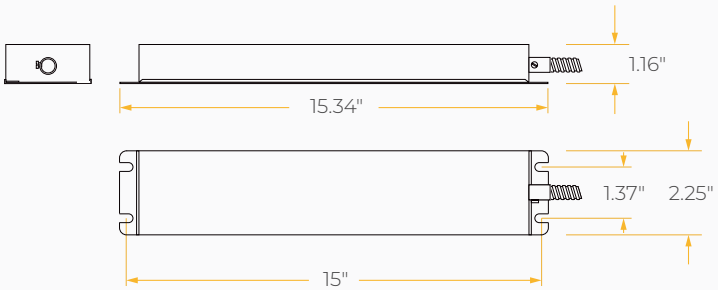
#10-32 Thread Size UNF x9

Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

DIMENSIONS



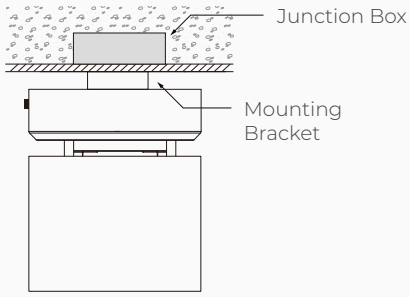
Remote Emergency Pack



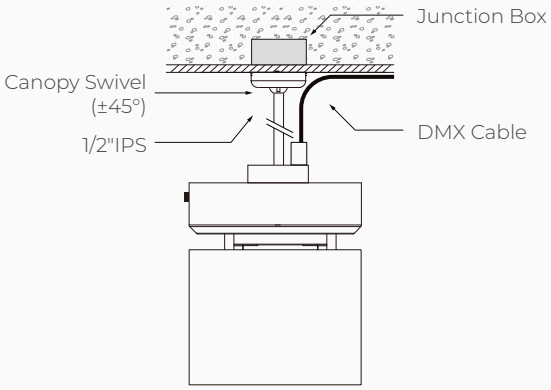
MOUNTING OPTIONS*

**Juntion Box not included*

Surface Mount



Stem Mount

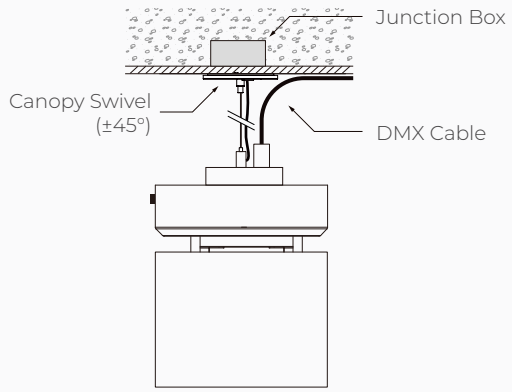


Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

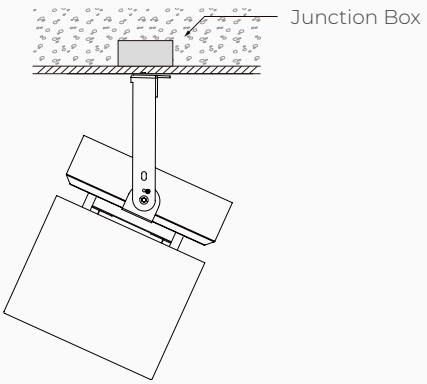
MOUNTING OPTIONS*

**Juntion Box not included*

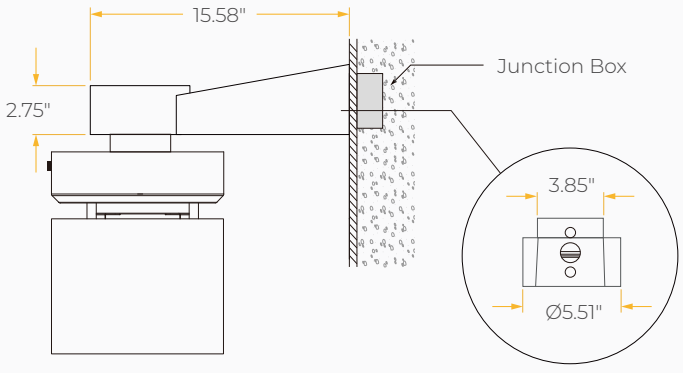
Adjustable Cable



Yoke Mount



Wall Mount



Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.