ADVANCED HIGH CEILING

Signum 8 - Standard

METEOR

8 inch aperture high lumen with lumen output 3230 – 4220lm.

Quantity		Type	
Project		Note	

Electrical System

- 4220lm (45W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV
- Power Factor Greater than 0.9
- Remote Emergency Pack: Bodine BSL20LV

LED Technology

- 2700K, 3000K, 3500K, 4000K, 5000K
- 85 CRI
- Beam Angle: 25°, 40°, 60°, 100°
- Rated Life > 60,000 Hours (L70)

Advanced Dimming

(Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)

- **Standard 0-10V** dims to 10%
- **DMX:** high resolution dims to 0.1%
(Supports ANSI E1.20 RDM protocol)
- **Superior 0-10V:** dims to 1%
- **LTE: Hi-Lume 1% 2-wire LED Driver (120V forward phase only)**
- **LDE1: Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (UNV only)**

Housing

- Diameter: 8.26” (210mm)
- Height: 9.25” (235mm)
- Material: Steel, Aluminum
- Weight: 11.02 lbs

Mounting

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

Warranty

- 5 year limited warranty

Listing

- ETL Damp Location Listed
- CE

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How To Specify:

Ordering Example: SS8-45-358-UNV-SPV-40-BLK-AD10

4-5 weeks lead time on over 75% of specifications.

Model	Wattage	CCT / CRI	Voltage	Dimming
SS8			UNV	
SS8 Signum 8	**45** 45W	**278** 2700K / CRI85 **308** 3000K / CRI85 **358** 3500K / CRI85 **408** 4000K / CRI85 **508** 5000K / CRI85	**UNV** 120-277V	**STV** STV Standard 0-10V dims to 10% **SPV** Superior 0-10V dims to 1% **DMX** DMX dims to 0.1% (XLR Sockets) **DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets) **LTE** Hi-Lume 1% 2-wire LED Driver (120V forward phase only) **LDE1** Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (UNV only)

Beam Angle	Finish	Mounting	Accessories
25 25º **40** 40º **60** 60º **WD** 100º	**BLK** Black **WHT** White	**SUM** Surface Mount **ST2** Stem 2ft **ST4** Stem 4ft **AD10** Adjustable Aircraft Cable 10ft **WLM** Wall Mount **YKM** Yoke Mount	**SPD**[1] Surge Protector **EMP** Remote Emergency Pack [1] Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries

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Delivered Lumens*

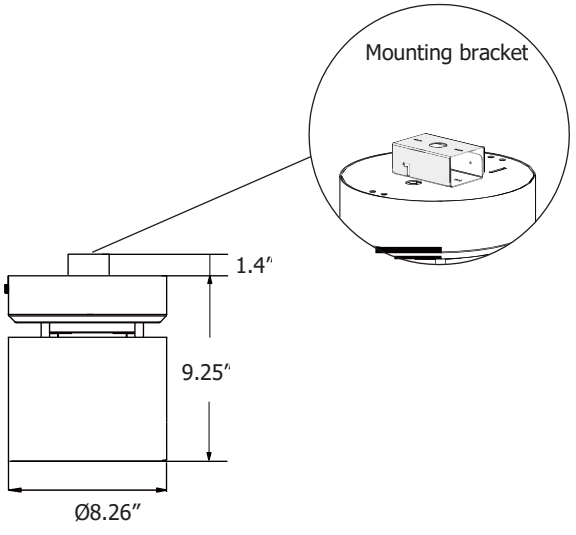
Wattage / CCT	SS8-45
	Beam Angle: 25°
5000K	4220 lm
4000K	3770 lm
3500K	3490 lm
3000K	3350 lm
2700K	3230 lm

*Tolerance±8%

Current Consumption

Volt / Wattage	120V	277V
45W	0.47A	0.20A

Dimensions



8-inch 45W

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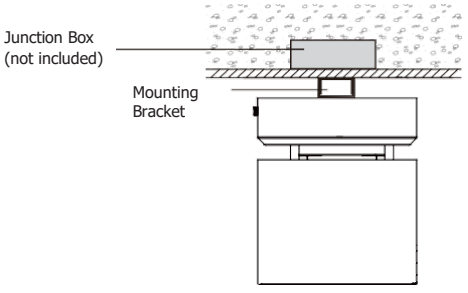
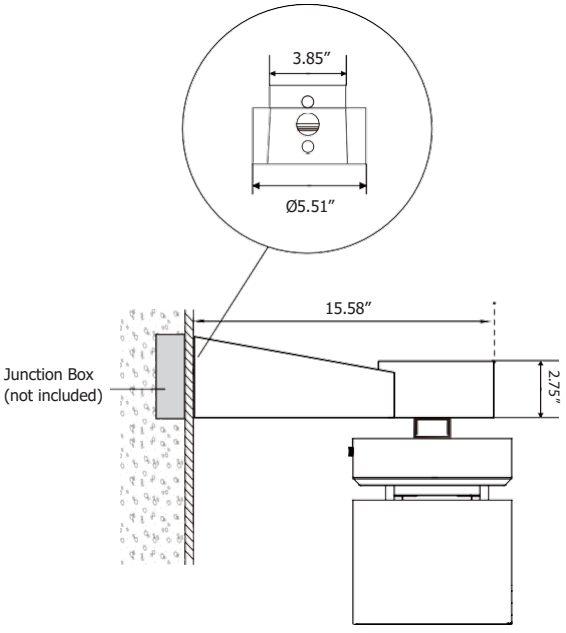
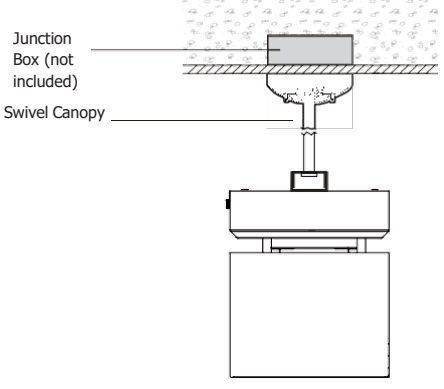
Mounting Options



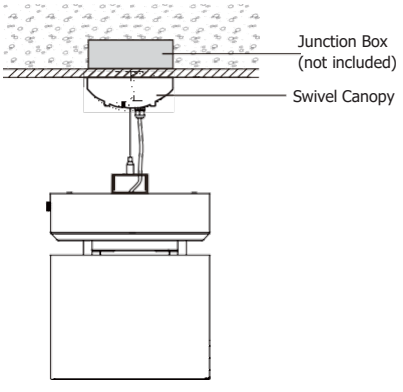
Surface Mount



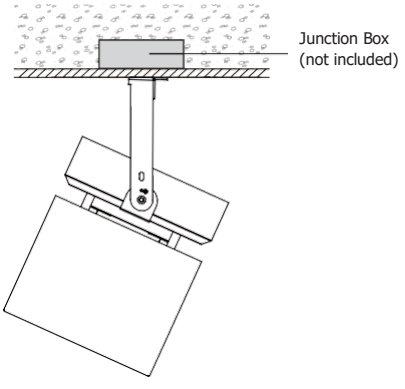
Wall Mount



Stem



Adjustable Aircraft Cable



Yoke Mount

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DMX Requirements*

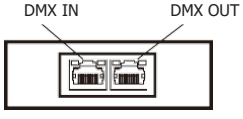
The Signum 8 LED fixture with DMX is a ONE CHANNEL DMX unit.

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

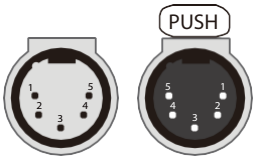
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

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

RJ45 Sockets



XLR Sockets

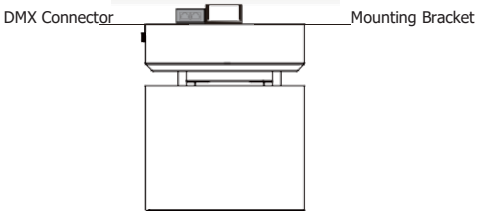


CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN(PIN 8)	PIN 1
Signal -	ORANGE(PIN 2)	PIN 2
Signal +	WHITE/ORANGE(PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

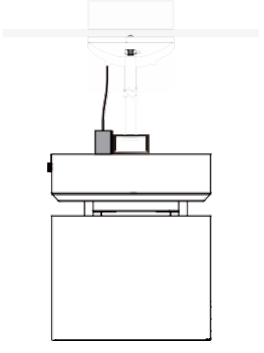
Compatible DMX Cabling List

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.

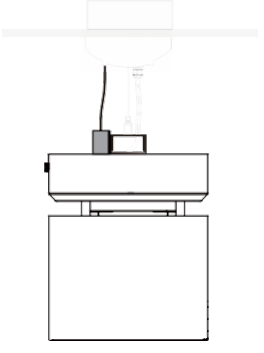
Meteor recommends the use of Belden 9729 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.



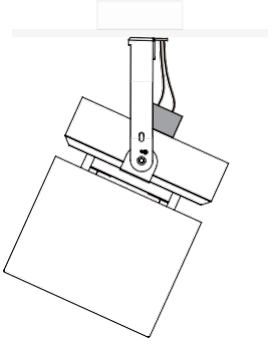
Surface Mount



Stem



Adjustable Aircraft Cable



Yoke Mount

Compatible LTE Dimmer List

LUTRON PART NO.

RRD-6NA-	RRT-G5NEW-	RRT-GH	HQRD-10ND-	HQRT-GH	HQRD-HN	PD-10NXD-
RRD-6ND	RRT-G25LW-	HQRD-6NA-	MRF2-6ND-120-	HQRT-G25LW-	GT-250M-	PD-5NE-
RRD-10ND-	RRD-HN	HQRD-6ND-	MRF2S-6ND-120-	HQRT-G5NEW-	GTJ-250M-	

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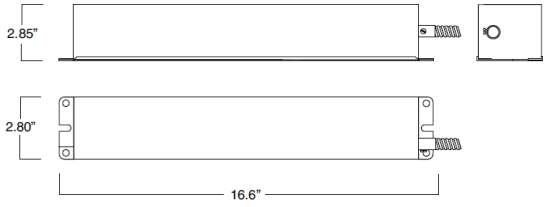
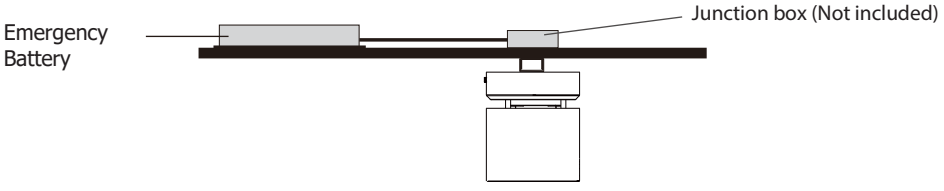
Remote Emergency Pack



Emergency Pack Lumen Output Table

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

Mounting with standard celling recessed Junction BOX



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