ADVANCED HIGH CEILING

Signum 10 Series

METEOR

10-inch aperture high lumen 10 signum with lumen output 6220 – 9800lm.

Quantity		Type	
Project		Note	

Electrical System

- 8590lm (85W)
  9800lm (110W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV
- Remote Emergency Pack: Bodine BSL20LV

LED Technology

- 2700K, 3000K, 3500K, 4000K, 5000K
- 85 CRI
- Beam Angle: 25°, 40°, 60°, 100° (with diffuser)
- 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%

85W only:

- **TRIAC:** Line-voltage phase control, dims to 1% **(120V only)**
- **3-wire:** LUTRON Hi Lume 3-wire, dims to 1% **(UNV only)**
- **ECOsystem:** LUTRON Hi Lume ECOsystem, dims to 1 % **(UNV only)**

Housing

- Diameter: 9.84” (250mm)
- Height: 10.83” (275mm)
- Material: Steel, Aluminum
- Weight: 85W / 16.53 lbs, 110W / 17.19 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 Listed
- Damp Location Listed
- DLC Listed
- CE

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How To Specify:

Ordering Example: SS10-110-358-UNV-SPV-40-BLK-AD10

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

Model

SS10

SS10	Signum 10

Wattage

85	85W
110	110W

CCT / CRI

278	2700K / CRI85
308	3000K / CRI85
358	3500K / CRI85
408	4000K / CRI85
508	5000K / CRI85

Voltage

UNV

UNV	120-277V

Dimming

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)
TRC*	TRIAC dims to 1% (120V only)
ECO*	LUTRON ECOsystem dims to 1% (UNV only)
3WIR*	LUTRON 3-wire dims to 1% (UNV only)

*Available for **85W** only.

Beam Angle

25	25º
40	40º
60	60º
WD*	100º (with diffuser)

*Please factor in change in lumen output with diffuser (-20% with DF).

Finish

BLK	Black
WHT	White

Mounting

SUM	Surface Mount
ST2	Stem 2ft
ST4	Stem 4ft
AD10	Adjustable Aircraft Cable 10ft
WLM	Wall Mount
YKM	Yoke Mount

Accessories

SPD[1]	Surge Protector
EMP	Remote Emergency Pack
DF[2]	Diffuser
CB[3]	Cross Baffle
HC[3]	Honey Comb

[1] Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.
[2] Please factor in change in lumen output with diffuser (-20% with DF).
[3] Please factor in change in lumen output of -30%.

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Delivered Lumens*

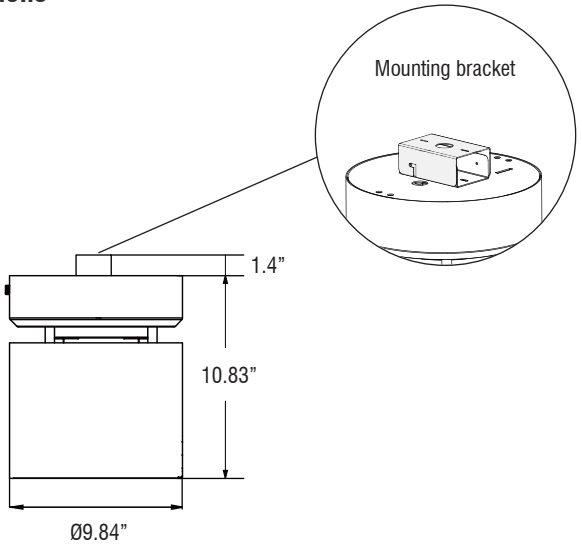
Wattage / CCT	SS10-85	SS10-110
	Beam Angle: 40°	Beam Angle: 60°
5000K	8590 lm	9800 lm
4000K	7600 lm	8890 lm
3500K	7000 lm	8440 lm
3000K	6730 lm	7760 lm
2700K	6220 lm	7430 lm

*Tolerance ± 8%

Current Consumption

Volt / Wattage	120V	277V
85W	0.87A	0.38A
110W	1.11A	0.48A

Dimensions



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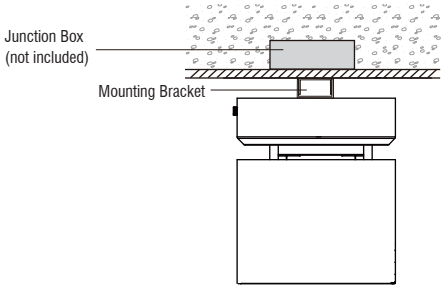
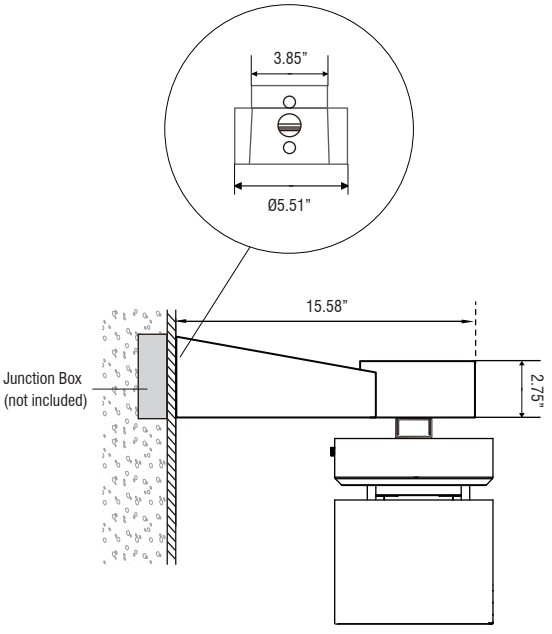
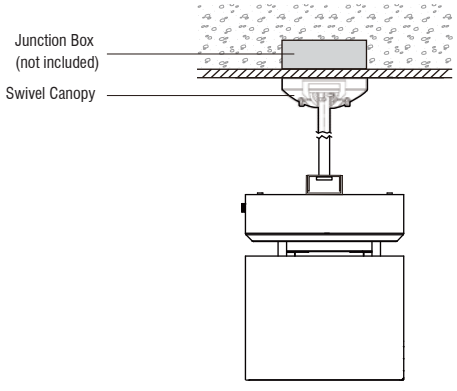
Mounting Options



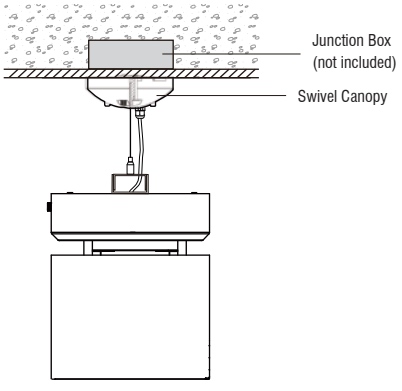
Surface Mount



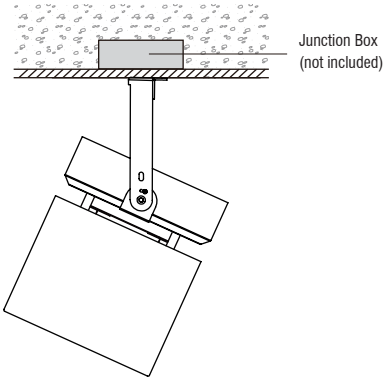
Wall Mount



Stem



Adjustable Aircraft Cable



Yoke Mount

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DMX Requirements*

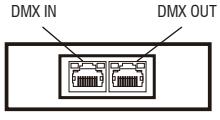
The Signum 10 LED fixture with DMX is a ONE CHANNEL DMX unit.

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

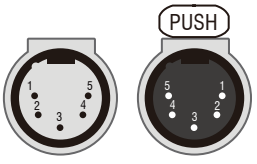
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

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

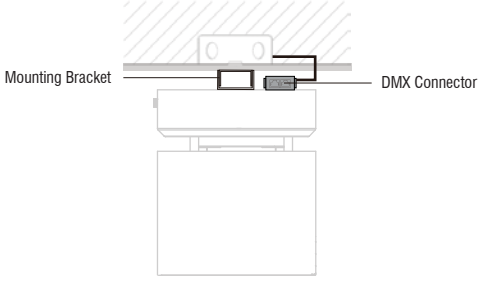
RJ45 Sockets



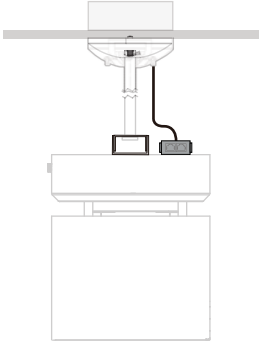
XLR Sockets



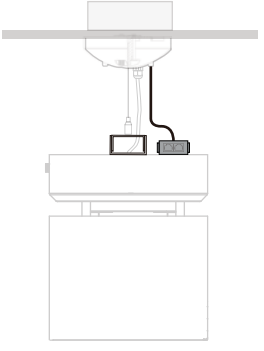
CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN(PIN 8)	PIN 1
Signal -	ORANGE(PIN 2)	PIN 2
Signal +	WHITE/ORANGE(PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5



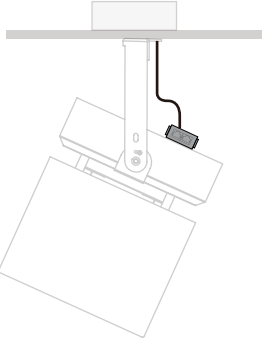
Surface Mount



Stem



Adjustable Aircraft Cable



Yoke Mount

Compatible TRIAC 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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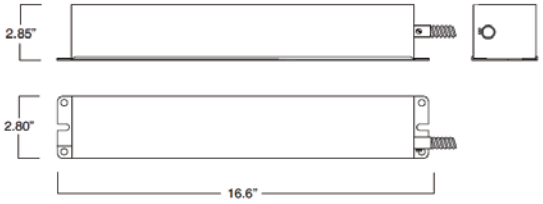
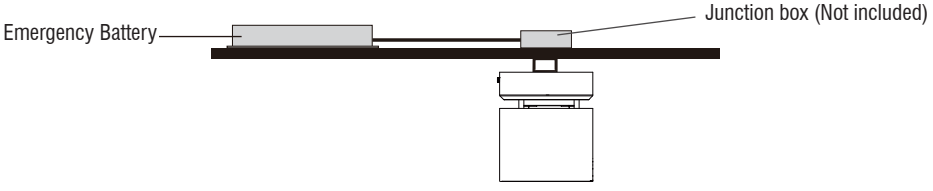
Remote Emergency Pack



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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