

Signum 16 - Standard



16-inch aperture high lumen signum with lumen output 9890 - 17130lm.



Quantity	Type
Project	Note

Electrical System

- 11870lm (115W)
- 14505lm (145W)
- 17130lm (195W)
- Power Input: Universal (120-277V)
- Operating Temperature: -40°F~113°F
- Surge Protection: 4KV
- Remote Emergency Pack: Bodine BSL20LV

LED Technology

- 3000K, 4000K, 5000K
- 75 CRI, 85 CRI, 93 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: Non-dimming**
- **DMX:** high resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- **Superior 0-10V:** dims to 1%

Housing

- Diameter: 15.9" (404mm)
- Height: 13.6" (345mm)
- Material: Steel, Aluminum
- Weight: 115W / 27.5lbs, 145W / 28.6lbs, 195W / 30.3lbs

Mounting

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

Warranty

- 5 year limited warranty

Listing

- ETL Listed
- DLC Listed
- CE
- IK10



Not all Signum 16 are DLC qualified. For all qualified products. Please visit: www.designlights.org/qpl

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How To Specify:

Ordering Example: SS16-195-408-UNV-DMX-25-BLK-BRK-WG

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

Model	Wattage	CCT / CRI	Voltage	Dimming
SS16			UNV	
SS16 Signum 16	115 115W 145 145W 195 195W	308 3000K / CRI85 408 4000K / CRI85 507 5000K / CRI75 309 3000K / CRI93	UNV 120-277V	NOD Non-Dimming SPV Superior 0-10V dims to 1% DMX DMX dims to 0.1% (XLR Sockets)

Beam Angle	Finish	Mounting	Accessories
25 25° 40 40° 60 60°	BLK Black WHT White	BRK Surface Mount ST2 Stem 2ft ST4 Stem 4ft AD10 Adjustable Aircraft Cable 10ft	SPD² Surge Protector EMP Remote Emergency Pack WG² Wire Guard (IK10 Rating) DF² Diffuser
<p>*Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees)</p> <p>¹Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries. ²Please factor in change in lumen output of -14%. ³Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).</p>			

DesignLights Consortium™ Qualified Luminaires:

DLC QPL Model Number : SS16-115-408, SS16-115-507, SS16-145-507, SS16-195-507
 Not all product variations listed on this page are DLC qualified.
 To ensure that a specific model is qualified, visit www.designlights.org/search.

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Delivered Lumens*

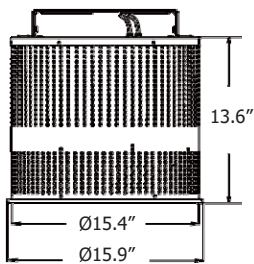
Wattage \ CCT	115W	145W	195W
	Beam Angle: 25°		
5000K	11870 lm	14505 lm	17130 lm
4000K	10205 lm	12470 lm	14730 lm
3000K	9890 lm	12090 lm	14285 lm

Current Consumption

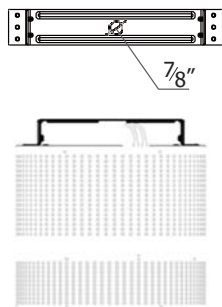
Wattage \ Volt	120V	277V
115W	1.26A	0.54A
145W	1.57A	0.68A
195W	1.89A	0.82A

*Tolerance±8%

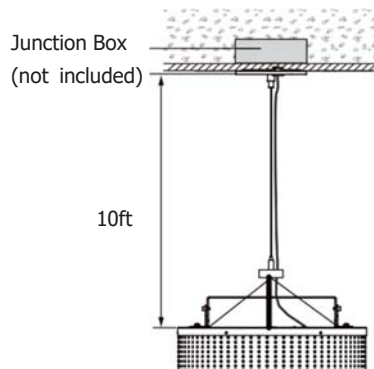
Dimensions



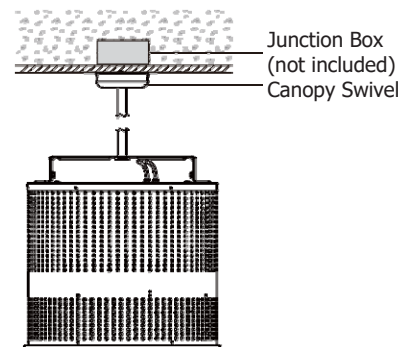
Mounting Options



Bracket



Adjustable Aircraft Cable



Stem

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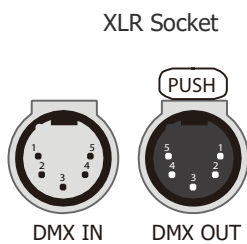
DMX Requirements*

The Signum 16 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.)

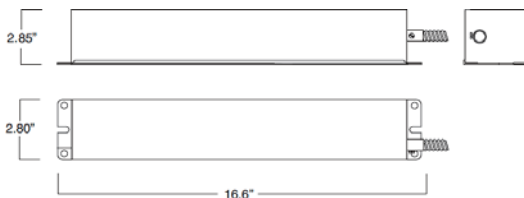
The LED fixture provide XLR socket to connect. (DMX cable NOT included.)

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



CONNECTION	5-PIN XLR
Common	PIN 1
Signal -	PIN 2
Signal +	PIN 3
Spare	PIN 4
Spare	PIN 5

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 ceiling recessed Junction BOX

