

ADVANCED HIGH CEILING

Signum 16 Series



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

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

Warranty

- 5 year limited warranty

Listing

- ETL Listed
- DLC Listed
- CE



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

Signum 16 Series



How To Specify:

Ordering Example: SS16-195-408-UNV-DMX-25-BLK-STD-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° WD* 100° (with diffuser) | BLK Black WHT White | STD Standard Bracket ST2 Stem 2ft ST4 Stem 4ft AD10 Adjustable Aircraft Cable 10ft | SPD ¹ Surge Protector EMP Remote Emergency Pack WG ² Wire Guard DF ³ Diffuser |
| <p><small>* Please factor in change in lumen output with diffuser (-20% with DF)</small></p> <p><small>¹ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.</small></p> <p><small>² Please factor in change in lumen output of -14%.</small></p> <p><small>³ Please factor in change in lumen output with diffuser (-20% with DF)</small></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.

Signum 16 Series



Delivered Lumens*

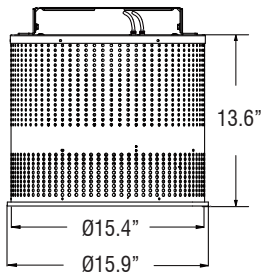
| Wattage | 115W | 145W | 195W | |
|---------|-----------------|----------|----------|----------|
| CCT | Beam Angle: 25° | | | |
| | 5000K | 11870 lm | 14505 lm | 17130 lm |
| | 4000K | 10205 lm | 12470 lm | 14730 lm |
| | 3000K | 9890 lm | 12090 lm | 14285 lm |

Current Consumption

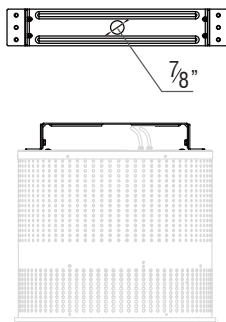
| Wattage | 120V | 277V |
|---------|-------|-------|
| 115W | 1.26A | 0.54A |
| 145W | 1.57A | 0.68A |
| 195W | 1.89A | 0.82A |

*Tolerance ± 8%

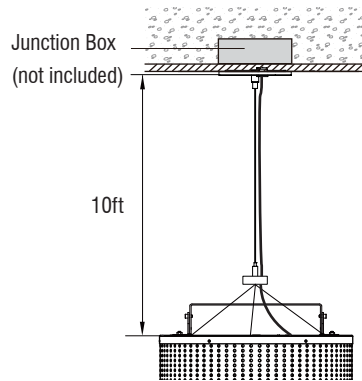
Dimensions



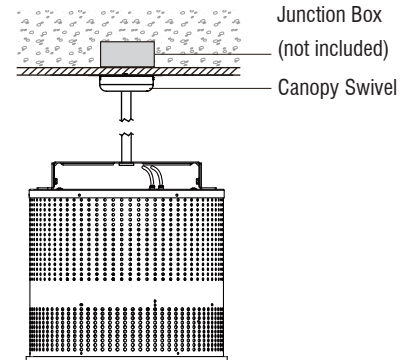
Mounting Options



Standard Bracket



Adjustable Aircraft Cable



Stem

Signum 16 Series



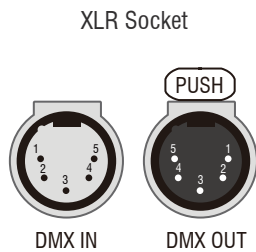
DMX Requirements*

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.)

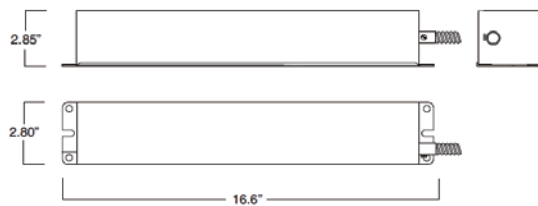
The LED fixture provide XLR socket to connect. (DMX cable NOT included.)

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

