





Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The nSola is a versatile, classic halogen up light that accepts MR-16 lamps and is manufactured in die-cast brass.

Features

Total Lumens	337 lm
Power Consumption	4.3 W 5.4 W
Input Voltage	10-15 Vac/dc, 50/60 Hz
Lamp Type	MR-16
Installation Requirements	Upward Direction Only
Typical Lifetime	White: 72,000 hrs
Weight	6.8 lb (3.1 kg)
Compliance	
Color Options	

Technology



Written Specifications

Electrical

Power Consumption	Specified power consumption indicates the full apparent power.
Input Voltage	10–15 Vac/dc, 50/60 Hz. Remote transformer required (specify separately).
Lamp	MR-16
LED	Cree®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >40,000 hours (L70, B10, TM21 Reported)
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

Control

Luxor® Control	The ZDLink Controller utilizes Luxor Technology™ to zone luminaires in up to 250 groups, dim each group in 1% increments between 0% and 100%, or change to one of 30,000+ colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard luminaire is zoneable with ZDLink.
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Physical

Construction	Die-cast C360 brass faceplate, machined aluminum (powder coated) lamp housing, and mix of brass and stainless steel hardware. PBT construction sleeve.
Finish	Natural metal finish.
Beam Angles	Dependent upon selected lamp.
Installation	Designed for installation in the upward lighting direction only.
Installation Accessories (Included)	Item ships with a 6" (152 mm) diameter PBT sleeve.
Adjustability	Internal module offered 20° of tilt.
Wiring	18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 36" (0.9 m) length.
Socket	MR-16 GU5.3 socket with retaining clips. Ceramic socket base with heat-resistant contact pad. Stainless steel retaining clips ensure high spring force retention.
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C).
Lens	OptiClear™ tempered glass for exceptional optical purity and load strength.
Lens Transparency	Clear
Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Standard MR-16 lamp
Weight	6.8 lb (3.1 kg)

Compliance

IP Rating	IP67
Environment	Dry, Damp, Wet locations
Certifications	UL 1838. Compliant per IEC 60598-1 and IEC 60598-2-4 when used with the Ground Mount ("GM-XX") or alternate mount greater than or equal to IP65.

Overview

About Us	Lumascap transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, advanced technologies, quality materials, and rigorous testing to manufacture a comprehensive range of lighting systems that consistently exceed performance expectations. Lumascap is a member of the Hunter Industries Family of Companies. Learn more at lumascap.com .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

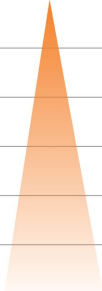
Specifications

Photometrics nSLA15 LED20WFL

nSola Directional Luminaire
nSLA15 LED20WFL Photometrics

nSola LED20WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 35°
3.0' (0.9 m)	84.0 fc (904 lx)	1.6' (0.5 m)
6.0' (1.8 m)	21.0 fc (226 lx)	3.2' (1.0 m)
9.0' (2.7 m)	9.3 fc (100 lx)	4.7' (1.4 m)
12.0' (3.7 m)	5.3 fc (57 lx)	6.3' (1.9 m)
15.0' (4.6 m)	3.4 fc (37 lx)	7.9' (2.4 m)
18.0' (5.5 m)	2.3 fc (25 lx)	9.5' (2.9 m)




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Photometrics nSLA15 LED35WFL

nSola Directional Luminaire
nSLA15 LED35WFL Photometrics

nSola LED35WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 35°
3.0' (0.9 m)	93.8 fc (1,010 lx)	1.7' (0.5 m)
6.0' (1.8 m)	23.5 fc (253 lx)	3.4' (1.0 m)
9.0' (2.7 m)	10.4 fc (112 lx)	5.1' (1.6 m)
12.0' (3.7 m)	5.9 fc (64 lx)	6.8' (2.1 m)
15.0' (4.6 m)	3.8 fc (41 lx)	8.4' (2.6 m)
18.0' (5.5 m)	2.6 fc (28 lx)	10.1' (3.1 m)



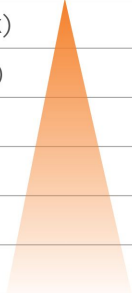
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Photometrics nSLA15 ZD35WFL

nSola Directional Luminaire
nSLA15 ZD35WFL Photometrics

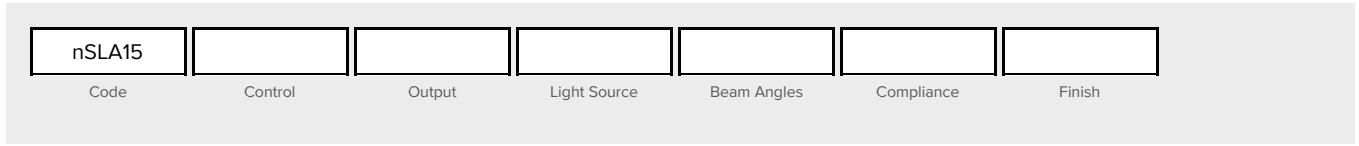
nSola ZD35WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 35°
3.0' (0.9 m)	93.8 fc (1,010 lx)	1.7' (0.5 m)
6.0' (1.8 m)	23.5 fc (253 lx)	3.4' (1.0 m)
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Configuration

For complete and up-to-date product options, configure the nSLA15 using our online [product configurator](#).



Control

- Default (LED)**
1) On/Off or 2) Phase-cut Dimming
- Zone/Dim (ZD)**
Zone/Dim with Luxor® Technology using the ZDLink Lighting Controller.

Output

- 4.3 W (20)**
261 lm
- 5.4 W (35)**
337 lm

Light Source

- Static White (W)**
2,700 K (80+ CRI)



Beam Angles

Published angles may vary slightly to photometric data. Please refer to IES files where relevant.

- Flood (FL)**
35° beam angle
- Wide Flood (WF)**
60° beam angle

Compliance

- North America**
UL listed
- International (E)**
UL listed and CE approved. Required for shipment outside of North America.

Finish

Natural Brass (BS)



Accessories

Mounting & Installation

Specify Separately

- Protective Insert (KG-CPI)**
A clear, protective insert for in-ground well lights to prevent debris from entering the luminaire's primary tube.



Lens Accessories

Specify Separately

- RecessorRing® (RR-MR16)**
Spacer pushes the lamp farther into the fixture body to reduce glare.



Power Supplies

Specify Separately

- Multi-Tap Transformer (PROLINK)**
The industry's most reliable multi-tap transformer.



- ZDclick® Lighting Controller (ZDclick)**
A combined lighting controller and transformer (120 Vac to 14 Vac) that offers powerline zoning, dimming, RGBW color changing, and optional Wi-Fi control via Luxor Technology™



- Dimmable Mini Transformer (ST-120-DIM)**
60 W, 120 V to 12 Vac step-down transformer.



- Non-Dimmable Mini Transformer (ST-UV)**
30 W universal voltage step-down transformer.



- 30 W Plug-in Transformer (MT-30W)**
Standard North American Type A, Class 2 transformer with 30 W capacity and 1' (300 mm) flying leads.

- 6 W Plug-in Transformer (MT-6W)**
Standard North American Type A, Class 2 transformer with 6 W capacity and 1' (300 mm) flying leads.

Supplemental Surge Protection

Specify Separately

- In-Line Surge Arrestor (SURGE-MOD)**



Provides two additional layers of surge protection (up to 10KW) to any 12 Vac/dc LED luminaire.

Wire Connections

Specify Separately

- Heat Shrink Wire Connectors - Small (WCHSSM20)**



Tin-coated copper butt splices with adhesive-filled heat shrink tubes.

- Heat Shrink Wire Connectors - Medium (WCHSMD20)**



Tin-coated copper butt splices with adhesive-filled heat shrink tubes.

Custom Color

A one-off setup fee applies for each custom color per order. Add to your enquiry.

- Custom Color Setup Fee: Essential Series (Custom RAL Color Setup)**



Custom RAL colour setup fee

Give every landscape the light it deserves



When it comes to lighting design, why should architecture have all the fun? We've added more than 50 new landscape luminaires, offering unmatched performance, simple installation, and compatibility with state-of-the-art Luxor® Technology. Discover endless new possibilities to bring your next landscape lighting project to life at lumascap.com.



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Learn more. Visit lumascap.com

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