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|--------------|--|
| 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 | <div> RoHS CERTIFIED COMPLIANT</div> |
| Color Options | <div></div> |

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 ZDCLink 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 ZDCLink. |
|----------------|---|

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

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|---------------|--|
| About Us | Lumascape 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. Lumascape is a member of the Hunter Industries Family of Companies. Learn more at lumascape.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) |

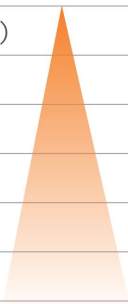
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Photometrics nSLA15 ZD35WFL

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](#).

nSLA15

Code

Control

Output

Light Source

Beam Angles

Compliance

Finish

Control

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



- ☐ **ZDCLink® Lighting Controller (ZDCLink)**
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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