



TYPE

CATALOG #

PROJECT

NOTES

LED IN-GRADE LUMINAIRES

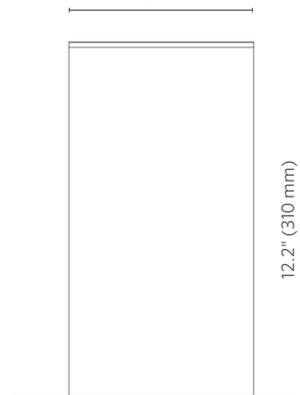
nSola

Versatile, classic halogen up light accepts MR-16 lamp.
Brass construction.

Quick Facts

- Die-cast brass
- Natural brass finish with tumbled effect
- MR-16 with GU5.3 base
- ProAim™ adjustability
- Tamper-resistant features
- Compatible with Luxor® technology
- Dimmable
- Input voltage: 10-15V

6.4" (163 mm)



nSola SPECIFICATIONS

Output	NL	LED20WFL	LED35WFL	ZD35WFL
Total Lumens	--	261	337	337
Input Voltage*	10 to 15V	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	--	4.0	5.0	5.0
VA	--	4.3	5.4	5.4
Efficacy (Lumens/Watt)	--	65	65	65
Color Rendering Index (CRI)	--	80	82	82
Center Beam Candlepower*				
Spot (17-20)	--	756	844	844
Dimming	--	Phase**	PWM, Phase**	PWM, Phase**
Luxor Compatibility				
ZD Option	--	--	--	Zoning/Dimming
ZDC Option	--	--	--	--
Minimum Rated Life (L70)				
	--	40,000 hrs	40,000 hrs	40,000 hrs

* Data collected using the 3,000K LED and/or flood (40°) optic.

Holm

Holm was born from an industry demand for a comprehensive offering of distinctive line- and low-voltage luminaires for the commercial market. Our products are designed to meet required specifications while echoing the aesthetics of each project. Holm is a Hunter Industries company with more than three decades of engineering expertise, now bringing its Luxor technology to the commercial architectural and landscape lighting market.

Materials

Die-cast C360 brass faceplate, machined aluminum (powder coated) lamp housing, and mix of brass and stainless steel hardware. PBT construction sleeve.

Lamp

LED MR-16 lamp with Cree® LEDs. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 40,000 hrs.

Aiming

External stainless steel adjustment screws, allowing 30° adjustment. Tamper-resistant positioning, ensuring design remains intact.

Optics

Stainless steel spring in housing ensures the lamp and additional lenses stay flush against the glass lens, optimizing output and beam angles. Recess the lamp farther inside the housing to hide additional glare with the Recessor Ring (specify separately). For additional color filters, spread lenses, hex baffles, etc., use MR-16 sized accessories (MR-16: 1.95" (49.5 mm) diameter x 1.1 mm thickness). Beam angle is calculated using LM-79 method for SSL luminaires.

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.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 36" (0.9 m) length.

Power

Input 10-15 VAC/VDC, 50/60 Hz. Remote transformer required (specify separately).

Housing

Sealed aluminum housing for MR-16 lamp. Powder coated bronze metallic and strain relief protected for proper sealing.

Construction Sleeve

6" (152 mm) PBT construction sleeve.

Faceplate

Die-cast brass flat faceplate with window and hemicycle eye drop pattern.

Lens

Extra thick tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

Weight

6.8 lbs. (3.1 kg)

Finish

Natural brass finish.

Hardware

Various brass and black oxide stainless steel fasteners.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Control

ZD or ZDC 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™.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high quality light at optimal energy efficiency, lifespan, and durability.

Installation Requirements

Housing/sleeve designed for installation in the upward direction.

Warranty

5-year limited warranty

Listings



nSola ORDERING INFORMATION

Luminaire-Size	Luxor Option	Output	Finish
nSLA-15		<input type="checkbox"/> NL <i>No Lamp Provided</i>	<input type="checkbox"/> BS <i>Natural Brass</i> 
		<input type="checkbox"/> LED20WFL <i>261 lms, 2,700K, 35°</i>	
		<input type="checkbox"/> LED35WFL <i>337 lms, 2,700K, 35°</i>	
		<input type="checkbox"/> ZD <i>Zone/Dim</i>	<input type="checkbox"/> 35WFL <i>337 lms, 2,700K, 35°</i>

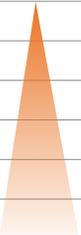
EXAMPLE LUMINAIRE CONFIGURATION: nSLA-15-ZD-35WFL-BS



nSola PHOTOMETRICS

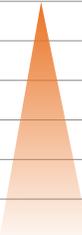
nSola LED20WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
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)



nSola LED35WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
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)



nSola ZD35WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
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)

