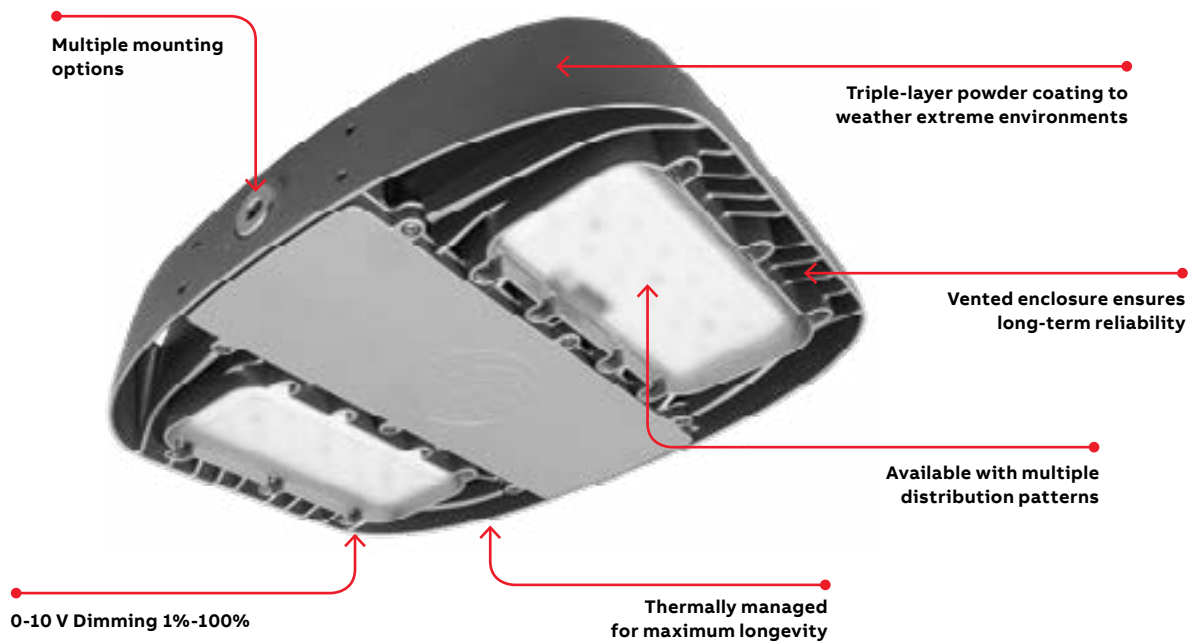


XSL10

LED Series

The unique combination of flexibility and robust design allows the implementation of this light fixture in various new or existing facilities. The XSL10 not only exceeds the expectations of an HID replacement, but establishes a new benchmark in versatility for industrial LED lighting.



CERTIFICATIONS



Not all XSL10 series are DLC qualified. For all qualified products, please visit: www.designlights.com.



UL844
UL1598A
UL8750



IP66/67

CLASSIFICATION

CLASS I	
Division 2	Groups A, B, C, D
Zone 2	Group IIC
Zone 22	
CLASS II	
Division 2	Groups F, G

Contact your ABB sales representative to verify classification

Applications

Hazardous locations
Indoor lighting
Tunnel lighting
Industrial facilities
Refinery and petrochemical facilities

XSL10 LED

Key features and benefits

Features

- Extremely robust
- Thermally managed for longevity
- Easy field angle adjustment
- -40 to 55 °C operating range
- Lifespan up to 100,000 hours
- Sealed to IP66
- Extreme vibration resistance

Junction box

- Direct heat transfer from power supply to external case for optimal performance
- Plenty of wiring space for optional accessories (contact your ABB representative for custom options)
- ¾" NPT entry
- IP 66/67 rated, suitable for wet locations

Thermal management

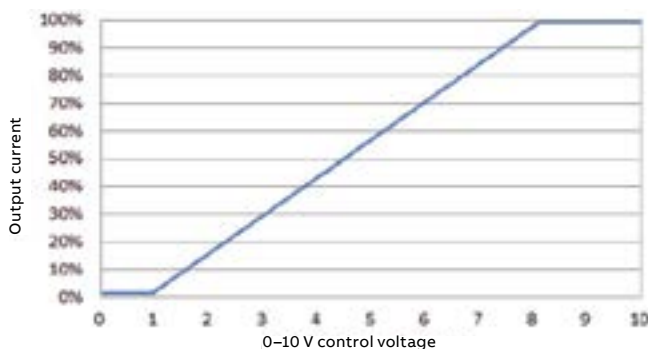
- Ample surface area of head ensures LEDs are kept running at maximum efficiency, even at 55 °C temperature
- Unique heat sink design creates increased airflow for optimal LED and power supply operating temperature
- Physical separation of electronics for increased system reliability
- Perimeter band adds ruggedness and channels heat through fins with laminar flow principles

Output

3050 to 6265 lumens

Dimming

Driver will source a maximum of 200 μ A for control needs. A controller must sink current from 0–10 V control leads.

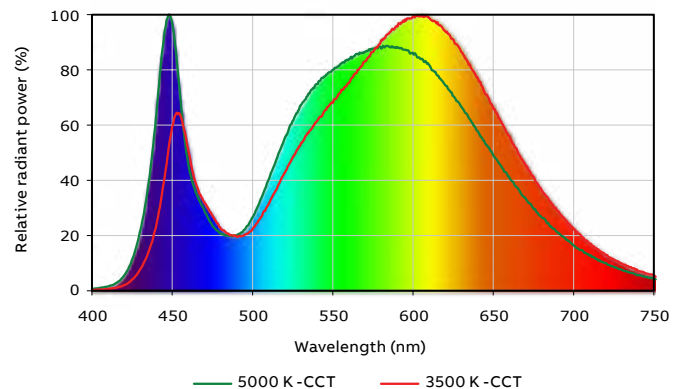


Applications

Hazardous locations
Indoor lighting
Tunnel lighting
Industrial facilities
Refinery and petrochemical facilities

Color temperature

Available standard 5000 K, with additional color temperatures available from 2700 to 6500 K.



Nichia LEDs

- Proven reliability
- High efficiency
- Superior CRI (80+)
- Several CCT options for added design flexibility

Housing

- Copper-free high pressure die-cast aluminum case
- Triple-layer coating suitable for marine applications
- Physical separation between power supply and LEDs
- Lens and case are designed to withstand severe impact

Power supplies

- Two input ranges for ultimate flexibility
- Utilizes high performance LED drivers for better efficiency and up to 100,000 hours of maintenance-free operation
- Built-in junction box with ¾" NPT entry

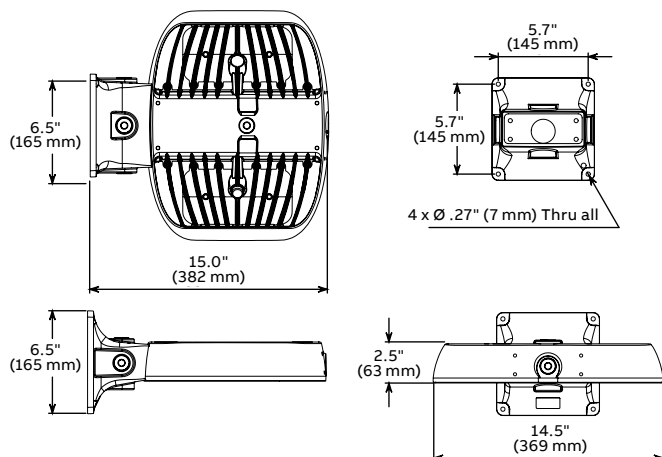
Power	XSL103: 26 W (WF) - 29 W (2F, OF, SF)	
	XSL106: 51 W (WF) - 57 W (2F, OF, SF)	
Current	XSL103: AC - 0.25A@120 VAC	HV - 010A@347 VAC
	XSL106: AC - 050A@120 VAC	HV - 020A@347 VAC

XSL10 LED

Mounting options

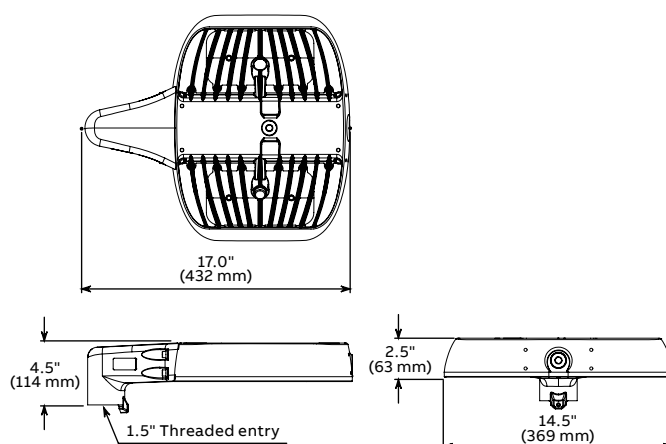
Wall pack mount XSL10-WM

6.8 kg | 15 lbs



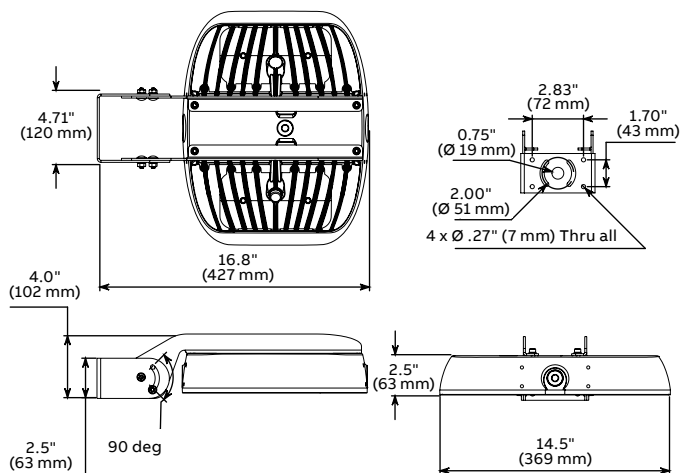
Pole mount XSL10-PM

5.6 kg | 12.4 lbs



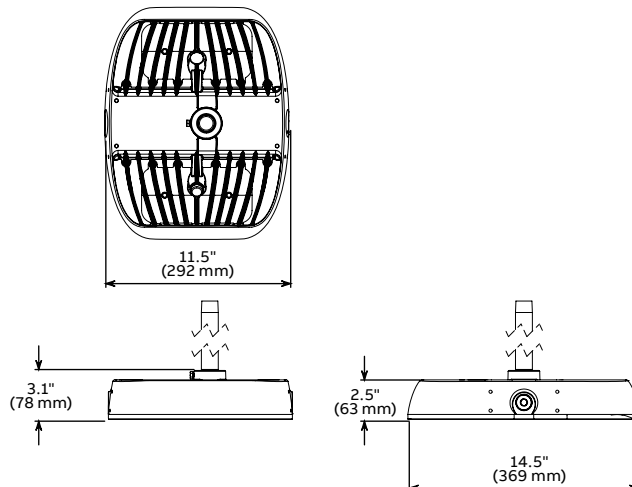
Yoke mount XSL10-YM

6.3 kg | 13.9 lbs



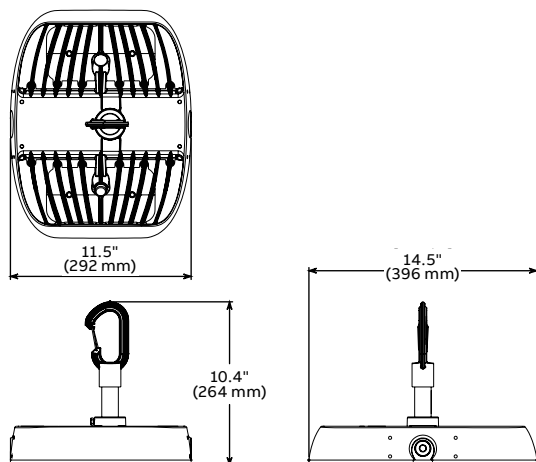
Conduit connection XSL10-CC

5.3 kg | 11.7 lbs

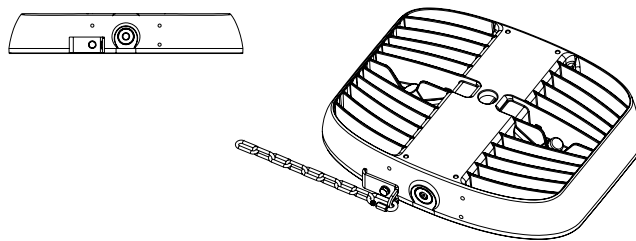


Hook pendant mount XSL10-HK

4.9 kg | 10.8 lbs

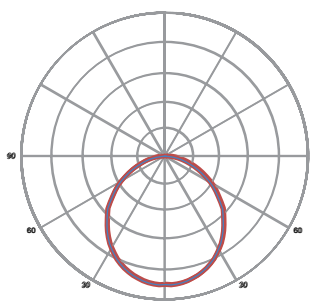


Secondary safety XSL10-SS



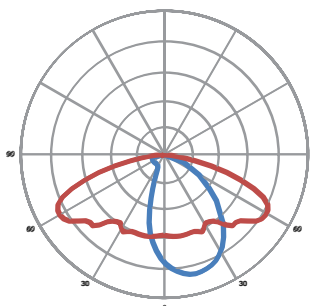
XSL10 LED

Optic options



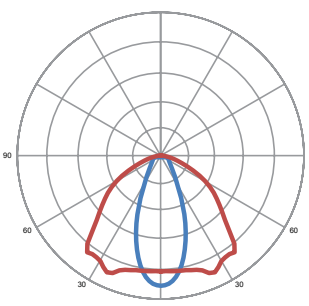
CUT – Wide beam (no optic)

Model	Lumen output (CW)
XSL103	3050
XSL106	5650



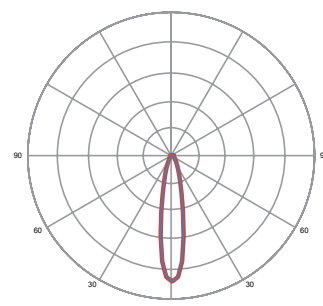
R2 – IESNA Type 2

Model	Lumen output (CW)
XSL103	2980
XSL106	5520



OC – Oval 26° x 108°

Model	Lumen output (CW)
XSL103	3290
XSL106	6090



SF – Spot 18°

Model	Lumen output (CW)
XSL103	3380
XSL106	6265

Standard offering above, 13 alternate optical profiles available upon request.

Contact sales representative for further details. Minimum order quantities, additional costs and lead times may incur.

Numbering system

Lighting fixture



Lighting fixture

Part	Part number	Description
1 Series	XSL1003	2980 to 3380 lumens
	XSL1006	5520 to 6265 lumens
2 Optics	SF	Spot 18°
	R2	IESNA Type 2
	OC	Oval 26° x 108°
	CUT	Wide (no optic)
3 Finish	GY	Gray
4 Color	CW	Cool white (5000 K)
5 Power	AC	120 - 277 VAC
	HV	347 VAC
6 Location	HL	Hazardous location
7 Market	Blank	US market

Mounting options (order separately)

XSL10-WM-GY	Wall mount, gray finish
XSL10-PM-GY	Pole mount, gray finish
XSL10-YM	Yoke mount ¹
XSL10-CC-GY	Conduit connection
XSL10-HK-GY	Hook pendant mount
XSL10-SS	Secondary safety

¹Only available in stainless steel