



# XR Series

8,000 – 20,000 LUMEN  
MULTI-FUNCTIONAL  
LUMINAIRE



Webpage

Approved for use in general, marine, & hazardous locations

## Essentials

Input voltage options: 120-277VAC or 347-480VAC  
Ingress protection: IP66 or IP68\*  
Ambient temperature range: -50°C to +75°C

Fixture weight: 8.1 kg | 17.8 lbs \*\*  
Fixture dimensions: 18.74" x 14.88" x 3.78" \*\*

\* General & marine location only

\*\* Excluding mounts

## Certifications

Certified for general & marine location use under:

- UL 1598, UL 1598A, UL 8750
- CSA C22.2 No. 250.0, CSA C22.2 No. 250.13

Certified for hazardous locations use under

- UL 844
- CSA C22.2 No. 137

Hazardous Location Ratings are:

- Class I, Division 2, Groups ABCD
- Class II, Division 2, Groups FG
- Class III
- Class I, Zone 2, Group IIC
- Zone 21
- Zone 22

## Warranty

- Five (5) year limited warranty

## Features

- Thermal separation of LED and power supply allows max ambient temperatures of up to +75°C.
- Wide range of optical distribution patterns for superior lighting quality.
- Approved for through-wiring of several units on a single circuit.
- Built-in junction area for simplified termination.
- 8 mounting options for installation flexibility.

The XR is a versatile LED fixture designed for applications in extreme environments. Thermal load separation permits use in high ambient temperature locations. Lightweight and low-profile aluminum housing for ease of installation. High-efficiency optical design for improved illumination.

 **Nemalux**<sup>TM</sup>  
A Cooper Lighting Solutions business

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 MADE IN CANADA



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## Product Features

### Junction Box

- Direct heat transfer from power supply to external case for optimal performance
- Built in JB with ample wiring space
- 3 x 3/4" NPT entries

### Housing

- Marine grade aluminum alloy housing with a multi-layer powder-coated finish for optimized corrosion resistance
- Pressure equalization vent to reduce stress on electronics
- Lens and case are designed to withstand severe impact
- IP66 rated
- IP68 variant\*

*\* Rated for use in general & marine locations. Fully sealed with an optically clear encapsulant and not field serviceable*

### Power Supplies

- Two input ranges for ultimate flexibility
- 0-10 V Dimmable

### LEDs

- High efficiency
- Superior CRI
- Several CCT options

### Thermal Management

- Ample surface area ensures LEDs are kept running efficiently
- Thermal separation of LED and power supply allows max ambient temperatures of up to +75°C
- Strategic positioning of electronics for increased system reliability
- Perimeter band adds ruggedness and channels air through fins with laminar flow principles

### Light Engine

- Metal core PCB (MCPCB) for improved thermal transfer
- Modular optics
- Fault-tolerant and fail-over design ensures reliability and resilience to damage





**MOUNTING OPTIONS** (Order Separately)



**XR-SFY**  
SLIP FITTER YOKE MOUNT



**XR-SFY-1.5**  
THREADED ADJUSTABLE POLE MOUNT



**XR-PM**  
POLE MOUNT



**XR-HK**  
HOOK PENDANT MOUNT



**XR-CC**  
ANTI-ROTATION CONDUIT CONNECTION



**XR-SM**  
SURFACE MOUNT



**XR-WM2**  
WALL MOUNT 2

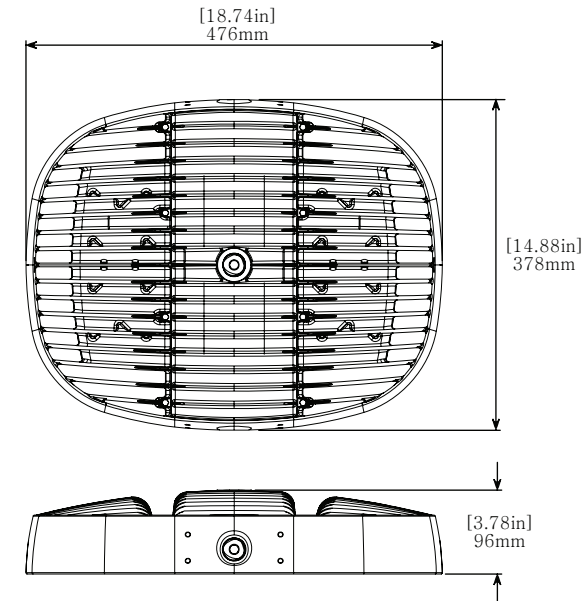


**XR-YM**  
YOKE MOUNT



**XR-YK**  
HIGH VIBRATION YOKE MOUNT

**DIMENSIONS**



**WEBPAGE WITH TECHNICAL DETAILS**



*XR Webpage*

*Specification sheets & part number selector are located on the XR webpage.*

**REQUEST INFORMATION**



*Contact us*

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Due to constant product development, details in this brochure are  
subject to change at any time. Contact us for the latest information.

**IP68 ENCAPSULATED VARIANT (XR-EN)**



*An optically clear encapsulant creates a permanent seal for IP68 applications. Maintaining protection against the ingress of water to a depth of up to 25'.*

**TOP HAT RETROFIT ADAPTER**



*Converts legacy light fixture hoods & upgrades them to an optimized Nemalux LED luminaire.*