

JR Series

2,000 – 5,000 LUMEN
MULTI-FUNCTIONAL &
COMPACT LED LUMINAIRE



Webpage

Approved for use in general, marine, & hazardous locations

Essentials

Input voltage options: 120-277 VAC or 347 VAC*
Ingress protection: IP66 / IP67 / IP68*
Ambient temperature range: -40°C to +60°C

Fixture weight: 2.58 kg | 5.68 lbs **
Fixture dimensions: 8.0" x 7.0" x 4.4" **

*General & marine locations 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, T3
- Class II, Division 1 & Division 2, Groups FG, T3
- Class III, Division 1 & Division 2
- Class 1, Zone 2, Group IIC
- IEC 60529, C22.2

Warranty

- Five (5) year limited warranty

Features

- Compact and multi-functional luminaire for challenging applications
- Marine grade copper-free aluminum housing with multi-layer powder-coated finish
- Approved for through-wiring of multiple luminaires on a single circuit
- Available in two different lumen output models with several beam profiles
- Polycarbonate or glass lens with a clear or frosted finish
- 3 x 3/4" NPT entries
- 0-10V dimmable

JR is a versatile, compact LED luminaire designed for industrial applications. It features lightweight, low-profile aluminum housing for easy installation and a high-efficiency optical design for improved illumination.

 **Nemalux**TM

A Cooper Lighting Solutions business



1-877-636-2589
1-877-NEMALUX

info@nemalux.com
www.nemalux.com

 MADE IN CANADA

JR Series

Product Features

Thermal Management

- Unique design creates increased airflow for improved thermal management
- Physical separation of electronics for increased system reliability
- Perimeter band adds ruggedness and channels heat through fins with laminar flow principles

Junction Box

- Direct heat transfer from power supply to external case for optimal performance
- 3 x 3/4" NPT entries

Light Engine

- Metal core printed circuit board (MCPCB)
- Modular optics

Housing

- Copper-free, high-pressure, die-cast aluminum case
- Marine grade aluminum alloy housing with a multi-layer powder-coated finish for optimized corrosion resistance
- Pressure equalization vent to reduce stress on electronics
- Polycarbonate or glass lens with a clear or frosted finish
- IP66/67 rated
- IP68 variant*

* fully sealed with an optically clear encapsulant and not field serviceable



ENCAPSULATED (IP68)



OPTICS LENS



FLOODLIGHT



To inquire about products, discuss your needs or get a
no-obligation lighting layout from our experts, please contact us.

1-877-636-2589 | info@nemalux.com

MOUNTING OPTIONS (Order Separately)



JR-SFY
SLIP FITTER YOKE MOUNT



JR-PM
POLE MOUNT



JR-HK
HOOK PENDANT MOUNT



JR-CC
ANTI-ROTATION CONDUIT CONNECTION



JR-SM
SURFACE MOUNT



JR-WM2
WALL MOUNT 2

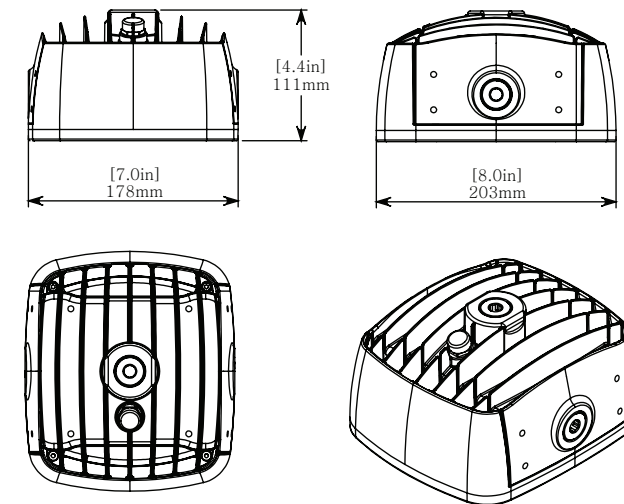


JR-YM
YOKE MOUNT



JR-YK
HIGH VIBRATION YOKE MOUNT

DIMENSIONS



IP68 ENCAPSULATED VARIANT (JR-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'.

WEBPAGE WITH TECHNICAL DETAILS



JR Webpage

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

TOP HAT RETROFIT ADAPTER



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

REQUEST INFORMATION



Contact us

Copyright© 2025 Nemalux LED Lighting, Rev. A3
Due to constant product development, details in this brochure are subject to change at any time. Contact us for the latest information.