

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
- 3x 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



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 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

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

Finish

- Polyurethane multi-layer powder coating with anti-graffiti properties suitable for interior and exterior surfaces
- Easy cleaning and very smooth to prevent particulate from accumulating

Junction Box

- Direct heat transfer from power supply to external case for optimal performance
- 3 x 3/4" NPT entries
- IP66/67 rated
- IP68 variant*

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

Light Engine

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

LEDs

- High efficiency
- Superior CRI
- Several CCT options

Power Supplies

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



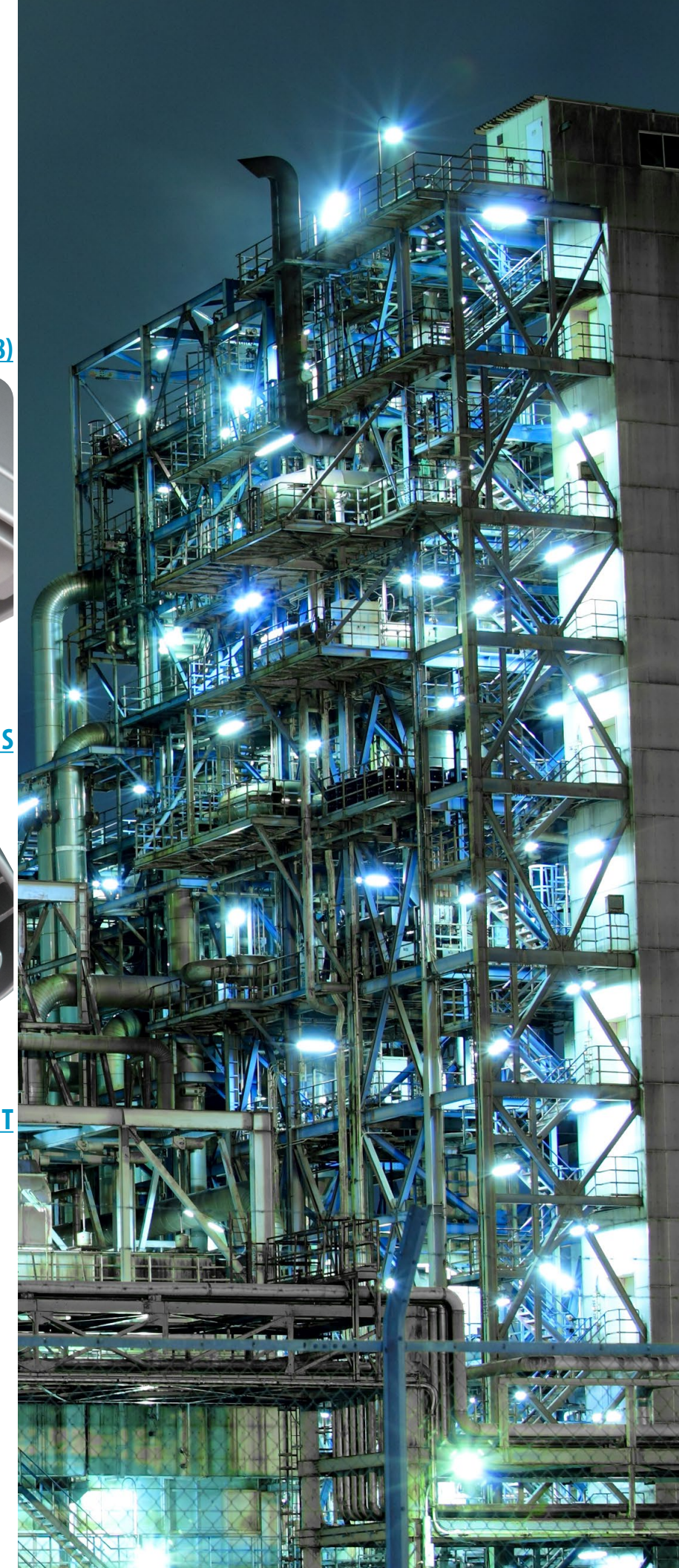
ENCAPSULATED (IP68)



OPTICS LENS



FLOODLIGHT



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

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MOUNTING OPTIONS (Order Separately)



JR-SFY
SLIP FITTER YOKE MOUNT



JR-SFY-1.5
THREADED ADJUSTABLE POLE 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

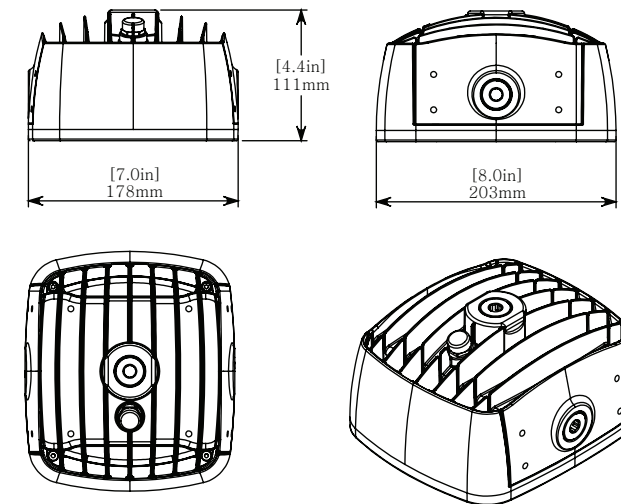


JR-YM
YOKE MOUNT



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

To view model selector, optic options, and custom requests please refer to the spec sheets on the webpage.

TOP HAT RETROFIT ADAPTER



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

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.