

AR Series

10,000 – 48,000 LUMEN
HIGH OUTPUT
LUMINAIRE



Webpage



Approved for use in general, marine, & hazardous locations

Essentials

Input voltage options: 120-277VAC or 347-480VAC
Ingress protection: IP66/67
Ambient temperature range: -40°C to +55°C

Fixture weight: 16.4 kg | 36.0 lbs *
Fixture dimensions: 24.0" x 20.0" x 4.3" *

* 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, T4
- Class II, Division 2, Groups FG, T4A
- Class III
- Class I, Zone 2, Group IIC
- Zone 22

Warranty

- Five (5) year limited warranty

Features

- Optimized thermal management of electronics for longevity.
- Multiple 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.
- Available in 90+ CRI.

Nemalux's AR is a versatile light fixture for harsh and hazardous location use. With a high lumen output package, the AR delivers exceptional illumination. This fixture is capable of long-term exposure to contaminated environments.

 **Nemalux**[™]
A Cooper Lighting Solutions business



CERTIFIED
SAFETY US-CA
MARINE US
E477827

CERTIFIED
SAFETY US-CA
MARINE US
E477829

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

info@nemalux.com
www.nemalux.com

 MADE IN CANADA

AR Series

Product Features

Junction Box

- Direct heat transfer from power supplies 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
- IP66/67 rated

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
- 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)*



AR-SFY
SLIP FITTER YOKE MOUNT



AR-SFY-1.5
THREADED ADJUSTABLE POLE MOUNT



AR-PM
POLE MOUNT



AR-HK
HOOK PENDANT MOUNT



AR-CC
ANTI-ROTATION CONDUIT CONNECTION



AR-SM
SURFACE MOUNT



AR-WM2
WALL MOUNT 2

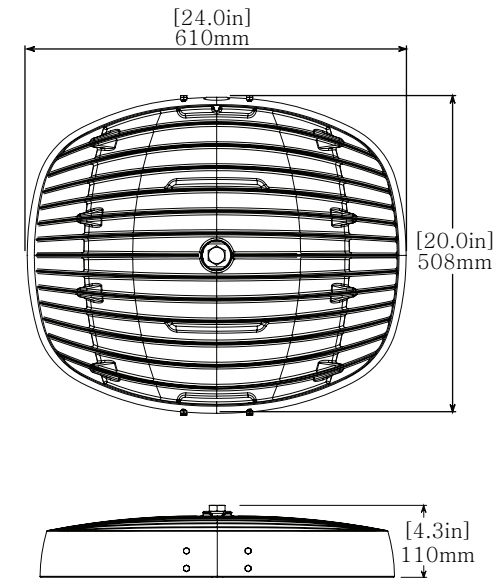


AR-YM
YOKE MOUNT



AR-YK
HIGH VIBRATION YOKE MOUNT

DIMENSIONS



WEBPAGE WITH TECHNICAL DETAILS



AR Webpage

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

REQUEST INFORMATION



Contact us