



EXC Series

1200 LUMENS
CLASS I, DIVISION 1 RATED
EXPLOSION-PROOF LUMINAIRE



Webpage

Approved for use in CID1 designated.

Essentials

Input voltage options: 120-277VAC or 22-28VDC
Ingress protection: IP66
Ambient temperature range: -50°C to +58°C

Fixture weight: 4.4 kg | 9.8 lbs *
Fixture dimensions: 11.5" x 6.5" x 3.76" *

*Excluding mounts

Certifications

Certified for explosion proof use under:

- UL 844, UL 1598, UL 8750
- CSA C22.2 No. 137, CSA C22.2 No. 250.00, CSA C22.2 No. 250.13

EXC Safety Ratings

- Class I, Division 1, Groups CD, T5
- Class II, Division 1, Groups EFG, T4A
- Class III, Division 1
- Class I, Zone 2, Group IIB
- Class II, Zone 20, Groups IIIC

As per NEC 505.15(A) and CEC 18-108, no conduit seals are required during the installation.

Warranty

- Five (5) year limited warranty

Features

- Copper-free, marine-grade aluminum housing with glass lens.
- No arcing, sparking, or hazardous temperature components.
- Tested to withstand more than 2,500 psi internal pressure.
- Built-in junction box with 3/4" NPT entries on three sides.
- Thermally managed for maximum longevity.

EXCs are one of the smallest explosion proof LED light fixtures on the market. They are suitable for installation in confined areas needing a low-profile solution. The EXC provides illumination for dangerous workplaces to keep operators safe.

 **Nemalux**
A Cooper Lighting Solutions business



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

info@nemalux.com
www.nemalux.com

 MADE IN CANADA

EXC Series

Product Features

Housing

- Robust copper-free, marine grade cast and machined aluminum
- Tempered glass lens
- Lens and case tested to withstand more than 2,500 psi internal pressure

Thermal Management

- Surface area ensures LEDs are kept running at maximum efficiency in temperatures of up to 58°C
- Unique heat sink design creates increased airflow for optimal LED and power supply operating temperatures
- No arcing, sparking or hazardous temperature components

Finish

- Multi-layer powder-coated housing for chemical and UV resistance
- Resistant to impact, humidity and high chlorine environments

LEDs

- High efficiency
- Superior CRI (90+)
- Available in 2,700K - 6,500K

Light Engine

- Metal core PCB
- Fault tolerant and fail-over design ensures reliability and resilience to damage

Power Supplies

- Both AC and DC versions available
- Integral JB with three ¾" NPT entries for electrical termination within sealed cavity.

Mounting

- Versatile brackets allow for several mounting styles



MOUNTING OPTIONS ([Order Separately](#))

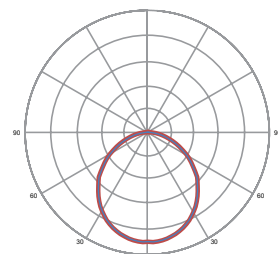


EXC
SURFACE MOUNT (BUILT IN)



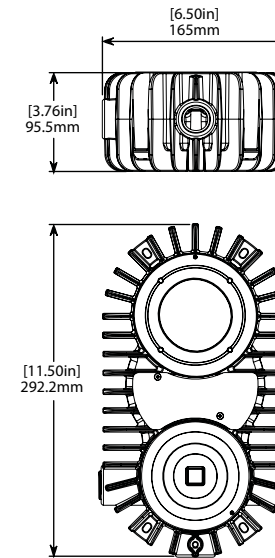
EXC-YM
YOKE MOUNT

OPTIC OPTIONS



WC - Wide Beam (No Optics)
Approximately 90°

DIMENSIONS



WEBPAGE WITH TECHNICAL DETAILS



EXC Webpage

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

REQUEST INFORMATION



Contact us