

GENERAL DESCRIPTION

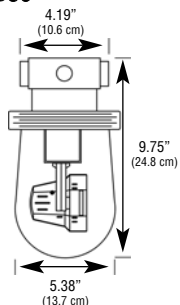
The CD Series is designed for remote and unit equipment mounting applications where suspended metal carbon and grain dust create an explosive or ignitable atmosphere.

ILLUMINATION

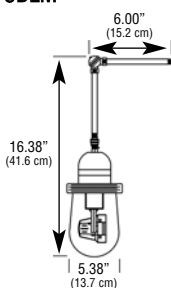
Illumination is accomplished with halogen or incandescent lamps that are adjustable to 360°.

DIMENSIONS

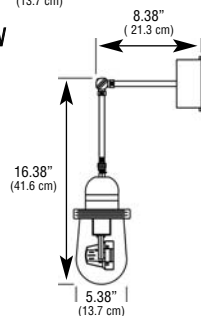
CDSC



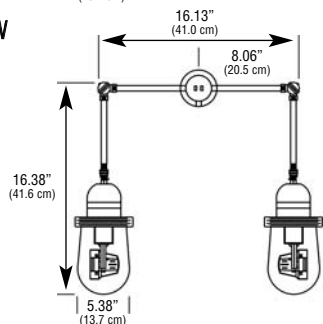
CDEM



CDSW



CDDW



Dimensions are approximate and subject to change.

CD Series

Combustible Dust Emergency Lighting Fixtures Class II & III, Division 1 & 2, Groups E,F, G Class III



HOUSING

Constructed of corrosion-resistant, cast aluminum alloy with an epoxy polyester finish.

Ceiling mount fixture and single wall remote have universal junction box with four tapped holes for 3/4" rigid conduit (three close-up plugs included.)

Double wall remote has junction box with two tapped holes for 3/4" rigid conduit (one close-up plug provided.)

CDEM1(2) fixture is designed for direct mounting to the IXN50 battery unit (IXN50 unit not included.)

ELECTRONICS

120 VAC voltage configuration is ideal when using an AC inverter/UPS lighting system.

Remote mount from an area located outside the hazardous area via a 6 VDC or 12 VDC battery unit.

CODE COMPLIANCE

Suitable for use in Class II, Division 1 & 2, Groups E, F & G, and Class III areas

Temperature performance rating is T3B

Supply wire rating 150°C

UL file card U522R



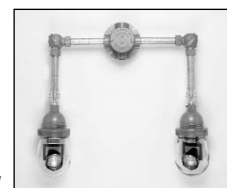
SHOWN:
CDSC



SHOWN:
CDEM



SHOWN:
CDSW



SHOWN:
CDDW

ORDERING INFORMATION (EXAMPLE: CDEM1)

CD

SERIES

CD = Combustible
Dust Fixture



FIXTURE
TYPE

SC = Ceiling Mount
EM = End Mount
SW = Single Wall Remote
DW = Double Wall Remote



VOLTAGE

1 = 6 VDC, 12 W²
2 = 12 VDC, 12 W²
3 = 120 VAC¹

ACCESSORIES (order as a separate line item)

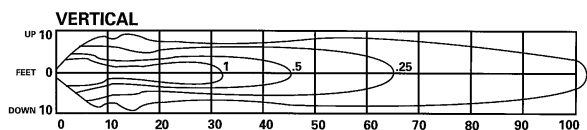
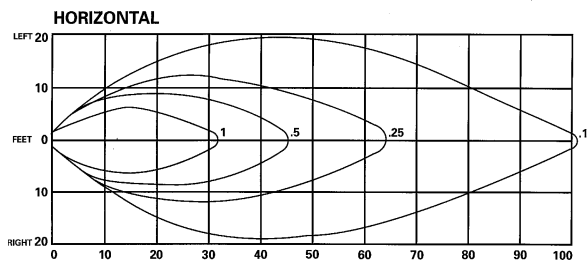
WGG = Wire Guard for Globe Only

NOTES:

- 1) Uses (1) 150W A19 medium base lamp (not included)
- 2) Uses (1) 6 or 12 VDC watt halogen lamp (included)

Specification Data for CD Series Combustible Dust Emergency Lighting Units

PHOTOMETRICS (BASED ON 12 VOLT, 12 WATT HALOGEN LAMP)



SUGGESTED SPECIFICATION

Furnish and install Chloride's combustible dust emergency lighting model _____. The unit shall be designed to meet Underwriters Laboratories standards for Class II, Div. 1 & 2, Groups E, F, G and Class III atmospheres.

INSTALLATION/OPERATION - Unit shall operate halogen or incandescent lamps, and shall be available in 6 VDC, 12 VDC or 120 VAC voltage configurations. Installation must comply with the NEC Code as well as other applicable codes. Upon utility power failure or brownout, the unit shall operate from emergency power and maintain the required illumination for a minimum period of 90 minutes. **HOUSING** - The enclosure shall be constructed of corrosion resistant, aluminum alloy with an epoxy polyester finish, and suitable for use in Class II and III Division 1 or 2 areas.



CHLORIDE
SYSTEMS

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