

CHLORIDE SYSTEMS

TYPE: _____

CATALOG NO.: _____

GENERAL DESCRIPTION

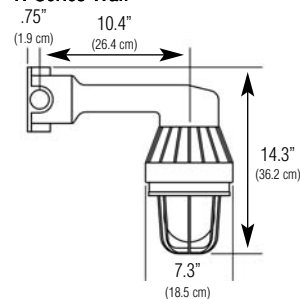
The Hazardous Fixtures, when used with the IX Series power pack, are ideal for use in hazardous locations where explosive materials may be present. The R-Series is suitable for use in extreme hazardous location areas.

ILLUMINATION

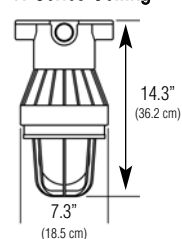
Illumination is accomplished with halogen incandescent or compact fluorescent lamps protected with a heat resistant globe.

DIMENSIONS

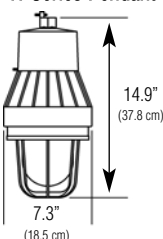
R-Series Wall



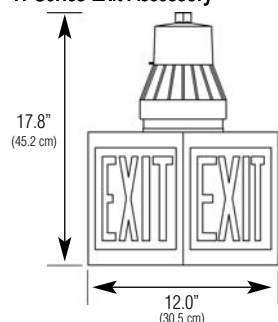
R-Series Ceiling



R-Series Pendant



R-Series Exit Accessory



Dimensions are approximate and subject to change.

R-Series

Hazardous Location Emergency Lighting Fixtures For Use With IX Series

HOUSING

Copper-free cast aluminum enclosure designed to withstand the pressure of explosions generated by internal arc without propagating them into the hazardous atmosphere. Enclosure has a corrosion resistant, epoxy powder coat finish.

Includes high impact, heat resistant globe with a cast aluminum globe guard, and stainless steel hardware.

Ceiling and wall mount fixtures have universal junction box with four tapped holes for $\frac{3}{4}$ " rigid conduit (3 close-up plugs provided.)

Pendant mount fixture has $\frac{3}{4}$ " top hub.

Optional exit accessory is available.

ELECTRONICS

Compatible with medium base incandescent, or 13 watt compact fluorescent lamps for non-emergency application.

Available with low voltage halogen lamps and 7 watt fluorescent lamps when powered by IX Series Emergency Lighting Unit.

CODE COMPLIANCE

UL listed to 924, 844

NFPA 70 and NFPA 101, NEC, BOCA, OSHA and IBC illumination standards

Suitable for use in Class I, Div. 1, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H₂ & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H₂ & IIC; Class II, Div. 1, Groups E, F & G; Class II, Div. 2, Groups F & G; and Class III hazardous location areas

Temperature performance rating T6
(maximum ambient temperature 160°C)



SHOWN:
RWTHF12



SHOWN:
RCTHF12



SHOWN:
RPTHF12



SHOWN:
RPTHF12EFK

ORDERING INFORMATION (EXAMPLE: RW120P13)



SERIES

R = R-Series



MOUNTING CONFIGURATION

W = Wall
P = Pendant
C = Ceiling



INPUT VOLTAGE (AC Only)

Incandescent
Blank = 120 V
Compact Fluorescent
120 = 120 VAC
277 = 277 VAC



LAMP WATTAGE

AC Only
HF = 150WA19 Incandescent ¹
P13 = 13w Compact Fluorescent ¹
P26 = (2) 13w Compact Fluorescent ¹
Emergency Only, Incandescent ³
HF7 = 6v, 7w Halogen
HF10 = 6v, 10w Halogen
HF12 = 6v, 12w Halogen
THF12 = 12v, 12w Halogen
AC/Emergency Operation
HFP7 = 7w Compact Fluorescent ²

ACCESSORIES (order as a separate line item)

AR = 25° angled dome reflector
EFK = Exit accessory kit (red letter only)
OB3 = 3-way explosion proof $\frac{3}{4}$ " conduit hub
SEA = Swivel elbow arm for use with pendant mount fixture to connect to OB3 or IX unit
SDR = Straight dome reflector

NOTES:

- Lamps not provided.
- For normally on use exclusively with IXPN14 Emergency Power Unit. The maximum remote mounting distance from the IXPN14 is 8 feet.
- Lamp provided.

Specification Data for R-Series Hazardous Location Emergency Lighting Fixtures

HOUSING

Copper-free cast aluminum enclosure is designed to withstand the pressure of explosions caused by internal arc without propagating them into the hazardous atmosphere.

Enclosure has a corrosion resistant, epoxy powder coat finish.

Includes a high impact, heat resistant lamp globe with a cast aluminum globe guard, and stainless steel hardware.

Ceiling and wall mount fixtures have universal junction box with four tapped holes for 3/4" rigid conduit (3 close-up plugs provided.) Pendant mount fixture has 3/4" top hub.

Housing is suitable for use in Class I, Div. 1, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H₂ & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H₂ & IIC; Class II, Div. 1, Groups E, F & G; Class I, Div. 2, Groups F & G; and Class III hazardous location areas.

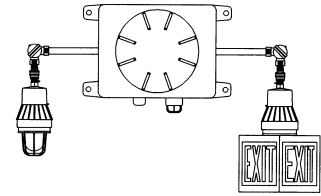
ELECTRONICS

AC Only incandescent models are exclusively 120VAC. Compact fluorescent models can be selected for 120V or 277V operation.

Emergency Operation and AC/Emergency Operation are powered by the IX Series Emergency Unit.

See below for sample application with the IX Series.

SAMPLE APPLICATION



The above sample application consists of:

- (1) IXPN14 - 14 watt power pack for exclusive use with compact fluorescent fixtures
- (2) SEA - Elbow arms
- (1) RPHP7 - 7 watt compact fluorescent lamp fixture
- (1) RPHEP7 - 7 watt compact fluorescent lamp fixture with exit accessory

CODE COMPLIANCE

The R-Series meets or exceeds all performance standards as required by UL 924, UL 844, NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC.

The R-Series is suitable for use in Class I, Div. 1, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H₂ & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H₂ & IIC; Class II, Div. 1, Groups E, F & G; Class II, Div. 2, Groups F & G; and Class III hazardous location areas.

Directional Head



EVLA12

Class I, Div. 1 & 2, Groups B⁺, C & D; Class II, Div. 1, Groups E, F & G; Class III; NEMA 3, 3R, 12

Temperature performance ratings: Class I = T4A; Class II = T3B; Class III = T3B. Maximum ambient temperature is 55°C

Can be attached or remoted from IXN50 or remoted from a non-hazardous area via a 12 VDC battery unit

12V, 12W halogen lamp included

Fully adjustable head assembly

Epoxy coated, copper-free cast aluminum construction

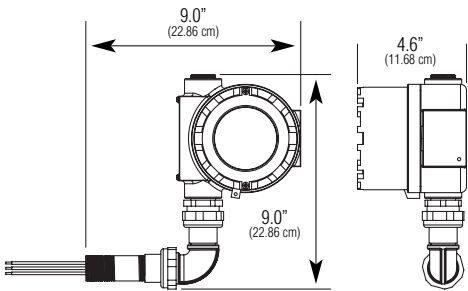
ORDERING INFORMATION (Ordered Separately)

+ To order for Group B, add suffix "GB"

EVLA12

SERIES

EVLA12⁺ = 12V, 12W Directional Head



SUGGESTED SPECIFICATION

Furnish and install Chloride's emergency lighting fixture model _____. The fixture shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and the National Electrical Code (NEC). Fixtures operating from 120 volt emergency power shall utilize a medium base 150A21 lamp or 13 watt compact fluorescent lamps, and shall be easily mounted on the ceiling, wall or top pendant. The ceiling and wall mount fixtures shall have a universal junction box with four tapped holes for 3/4" rigid conduit. The pendant mount fixture shall have a 3/4" top hub. Fixtures operated from the IXN emergency power unit shall utilize 6/12 VDC lamps, or a specially configured 7 watt compact fluorescent lamp, and will be easily attached via a swivel elbow arm.

The fixture housing shall be constructed of copper-free cast aluminum. The fixture shall include a high impact, heat resistant globe with a cast aluminum globe guard. The fixture shall have a corrosion-resistant, epoxy powder coat finish.



CHLORIDE
SYSTEMS

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