

GENERAL DESCRIPTION

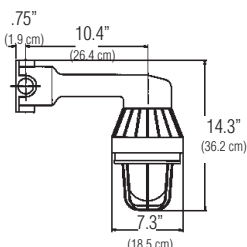
The Hazardous Fixtures, when used with the IX Series power pack, are ideal for use in hazardous locations where explosive materials may be present. The R Series is suitable for use in extreme hazardous location areas.

ILLUMINATION

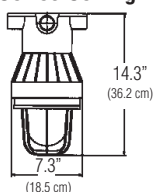
Illumination is accomplished with halogen incandescent or compact fluorescent lamps protected with a heat resistant globe.

DIMENSIONS

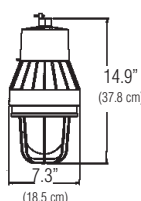
R-Series Wall



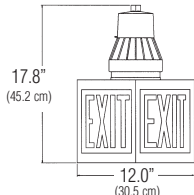
R-Series Ceiling



R-Series Pendant



R-Series Exit Accessory



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 3/4" rigid conduit (3 close-up plugs provided.)

Pendant mount fixture has 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

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

R

SERIES

R = R-Series

W

MOUNTING CONFIGURATION

W = Wall
P = Pendant
C = Ceiling

120

INPUT VOLTAGE (AC Only)

Incandescent
Blank = 120 V

Compact Fluorescent
120 = 120 VAC
277 = 277 VAC

P13

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 ^{1, 2}

ACCESSORIES (Ordered Separately)

AR = 25° Angled dome reflector
EFK = Exit accessory kit (red letter only)
OB3 = 3-way explosion proof 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.

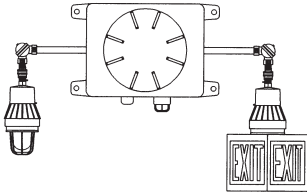
See below for sample application with the IX Series:

CODE COMPLIANCE

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

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.

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

SUGGESTED SPECIFICATION

Furnish and install Chloride Systems 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.