

ESHZ RH

REMOTE HEAD



Class 1 Division 2



Compliance

Class I, Division 2, Groups A, B, C, D
IP66
UL 924
OSHA
NEC
NFPA 101 Life Safety Code

Key Features

FEATURES: Corrosion Resistant Enclosure
Polycarbonate high impact lens
3.3W high performance high output MR-16 base LED lamps
Adjustable LED lamp heads allow for optimal center to center spacing

Applications

Oil and Gas

Petroleum production and refining
Petroleum loading, storage, transportation and retail
Confined spaces with vapor accumulation
LNG and LPG handling
Oil tankers and shipping vessels
Fuel system testing facilities

Power Plants

Coal-fired power plants, including coal handling and storage areas
Gas-fired power plants with fuel storage
Nuclear power facilities in hazardous auxiliary areas
Biomass or waste-to-energy plants with combustible dust risks

Industrial

Industrial storage facilities
Paper mills, sawmills and lumber yards
Loading dock platforms
Manufacturing plants for heavy industrial goods
Warehouses handling flammable materials

Waste Treatment

Wastewater treatment plants
Pumping stations
Solid waste processing and incineration facilities
Sewage treatment with methane gas risks
Hazardous waste recycling centers

Mining

Operations and service areas
Underground mining tunnels with gas accumulation

Chemical Industry

Chemical production, processing and storage facilities
Solvent handling and mixing areas
Chemical research labs with flammable substances

Infrastructure

Bridges
Tunnels

Ocean, Marine and Aerospace

Offshore platform operation facilities and structures
Marine and saltwater environments
Aerospace clean rooms and production areas
Ocean vessel operations
Shipyards and dry docks
Aircraft hangars with fuel vapors

Metal Treatment

Paint facilities
Steel and aluminum factories
Metal smelting, foundry and fabrication
Welding and cutting areas with gas risks

Military and Defense

Ammunition storage and handling
Fuel depots and refueling stations
Explosives manufacturing
Vehicle maintenance bays in hazardous zones

Food, Alcohol and Agriculture Industry

Flour and fine particle production and storage
Food and distilling production
Grain storage elevators and silos
Breweries and fermentation tanks
Feed mills with dust risks
Fertilizer production and storage

Pharmaceutical Industry

Drug manufacturing and solvent handling
Clean rooms with volatile compounds
Pill coating and drying areas
Research and development labs

Other high humidity, high dust, high temperature and vapor locations

Specifications

Wattage	(2) 3.3W
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OPTICAL

Lamp Type	Fully adjustable, ultra bright, high performance MR-16 LED lamp head
Lamp Heads	1 or 2

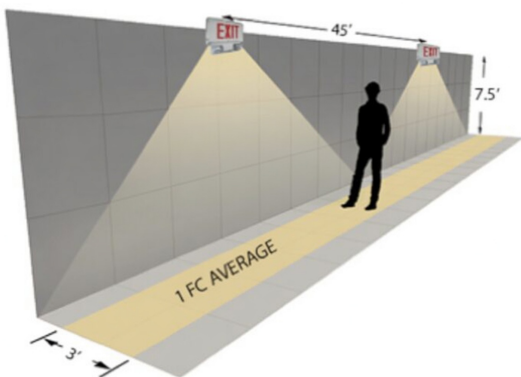
MECHANICAL

Housing Material	Fiberglass reinforced construction One piece, high impact, corrosion-resistant enclosure
Lens	UV stabilized polycarbonate lens
Hardware	Molded gasket and stainless steel screws Tamper-proof hardware is available
Mounting	Die-cast mounting brackets provided for surface wall mount installation. Distance of maximum run is determined by system voltage, wire gauge and total maximum wattage on the run.
Finish	Grey
Warranty	5 Year Standard Warranty

ELECTRICAL

Electrical Component	Powered from low voltage 6V/12V DC power source with low voltage wiring (not provided). Distance of maximum run is determined by system voltage, wire gauge and total maximum wattage on the run.
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Photometric



Single Lamp Head

Mounting height of 7.5ft-10ft Illuminates 1 foot-candle spaced at 20ft for a 3ft path of egress.

Double Lamp Head

Mounting height of 7.5ft Illuminates 1 foot-candle spaced at 45ft for a 3ft path of egress.

Mounting height of 10ft Illuminates 1 foot-candle spaced at 38ft for a 3ft path of egress.

Spacing is measured in lab condition with an assumed open space
No obstruction and reflection rates of 80 (ceiling), 50 (wall) and 20 (floor)
Actual spacing may vary depending on what environment the fixture is installed in

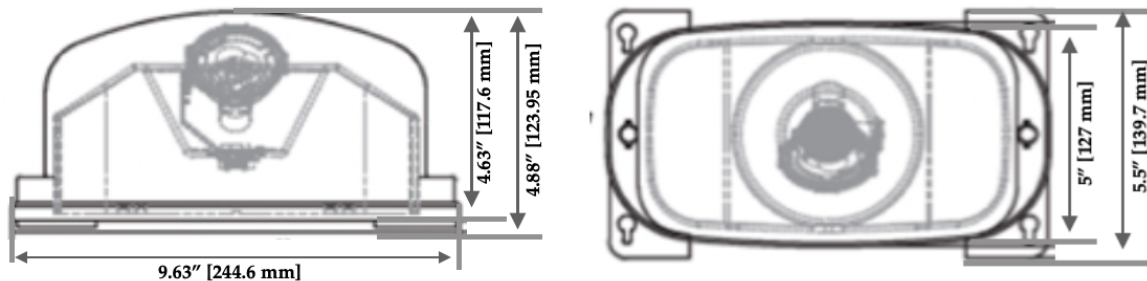
Ordering Logic

ORDER EXAMPLE: ESHZ RH DH G

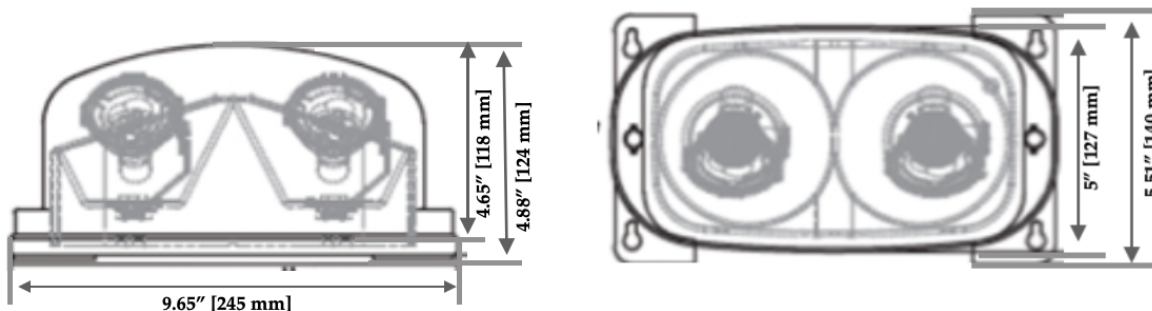
(1) Product	(2) Heads	(3) Housing Color	(4) Hardware
ESHZ RH	SH - Single Head Lamp DH - Double Head Lamp	G - Grey	Blank - Standard Hardware TP - Tamper Proof Hardware

Product Dimensions

HZ RH Single Lamp



HZ RH Double Lamp



Product Information

Pieces	1
Fixture Dimensions	9.65" x 4.88" x 5.5" (245 mm x 123.95 mm x 139.7 mm)
Net Fixture Weight	15 lb/6.80 kg