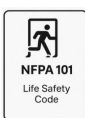




Class 1 Division 2



Compliance

UL 844
Rated for Class I, Division 2, Groups A, B, C, D
IP66
UL 924
UL for wet locations (0°C-50°C)
NEMA4X
OSHA
NEC
NFPA 101 Life Safety Code

Key Features

FEATURES: Remote head capable
Energy efficient
Red or green LED exit sign
6V/12V long life rechargeable NiCd battery
Snap out chevron directional indicators

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

Lamp Wattage	(2) 3.3W
Sign Wattage	15W Single Face, 12W Double Face

OPTICAL

Lamp Type	Fully adjustable, ultra bright, high performance MR-16 LED lamp head
Lamp Heads	0 or 2 No lamp head option enables unit to be used as remote head capable

ENVIRONMENTAL

Operating Temperature	-0°C to +50°C (-32°F to +122°F) Standard -20°C to +50°C (-4°F to +122°F) Optional Expanded Temperature Rating
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MECHANICAL

Housing Material	Fiberglass reinforced polycarbonate construction, Corrosion-resistant one piece high impact resistant design
Lens	UV stabilized polycarbonate lens
Hardware	Molded gasket and stainless steel hardware Tamper-proof hardware is available
Fixture Color	Grey
Mounting	Die-cast mounting brackets provided for surface wall mount installation. Pre-installed conduit hub for pendant-mount installation Universal knockout pattern on back Distance of maximum run is determined by system voltage, wire gauge and total maximum wattage on the run. (Wiring not provided)
Warranty	5 Year Standard Warranty

ELECTRICAL

Input Voltage	120/277VAC Dual Voltage
LED Display	Charge rate/power "ON" LED indicator light and magnetic test switch for mandated code compliance testing
Protection	Surge Protected, Solid State Circuitry Internal solid state transfer switch Battery Backup models offer external push button test switch Low voltage disconnect

EMERGENCY

NiCad Battery	6V/12V DC rechargeable NiCd battery (12W, 15W models) LED indicator light alerts battery condition (Green-normal, Red-check-battery)
Emergency Time	90 Minutes
Recharge Time	24 Hours
Signage	EZ snap-out chevron directional indicators
Color of Exit Sign	Long life, energy efficient Red or Green LED Exit sign illumination

OPTIONS

SDT	Self-diagnostic feature performs monthly, biannual and annual test to ensure reliable operation and meets electrical and life safety codes
CW	Optional internal heater and battery blanket for extreme cold temperature applications (-20°C-50°C)
TP	Tamper-proof hardware helps discourage unauthorized access to the unit
NH	No lamp heads attached to the unit enabling it to be used as a remote capable EXIT

Ordering Logic

ORDER EXAMPLE: HSHZ XC S R 6V 15W

(1) Product	(2) Faces	(3) Letter Color	(4) Battery Voltage	(5) Wattage
ESHZ XC	S - Single D - Double	R - Red G - Green	6V - 6 Volt (S) 12V - 12 Volts	15W - 15 Watts (Single Face) (S) 12W - 12 Watts (Double Face)
(6) Operation		(7) Lamp Heads	(8) Temperature Ratings	(9) Hardware
Blank - Battery Backup + Remote Head Capable SDT - Battery Backup + Self Testing		Blank - 2 Lamp Heads NH - No Heads	Blank - Standard Temperature Rating CW - Cold Weather	Blank - Standard Hardware TP - Tamper Proof Hardware

(S) Standard

Accessories



EX-Flexible Conduit 700mm 3/4NPT



EX-Junction Box



EX-Threaded Pipe

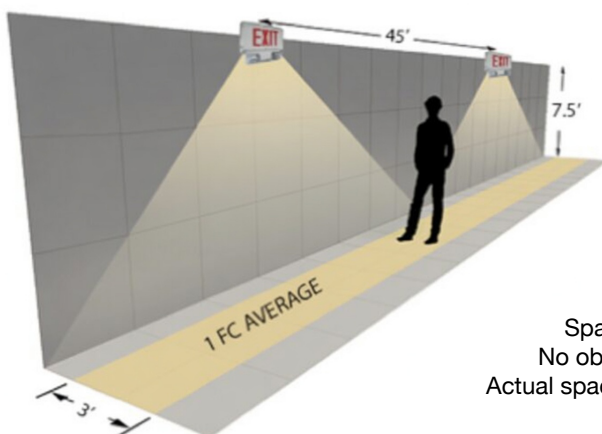


EX-Flexible Conduit 700mm 1/2NPT



EX-Junction Box Side Hole

Photometric

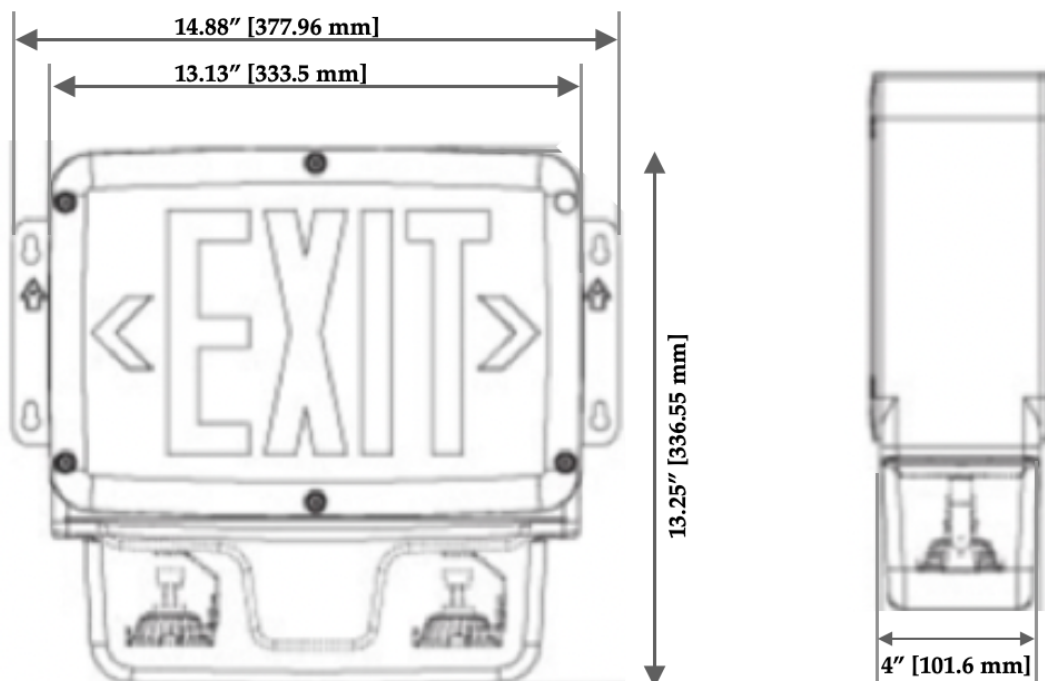


Standard mounting height of 7.5ft
illuminates 1 foot-candle
spaced at 45ft for a 3ft path of egress.

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

Product Dimensions



Product Information

Pieces	1
Fixture Dimensions	13.25" x 14.88" x 4" (336.55 mm x 337.96mm x 101.6 mm)
Net Fixture Weight	20 lb/9.07 kg