

PRODUCT OVERVIEW

The HDZ series offers emergency and EXIT illumination that is designed to perform in hazardous environments. The HDZ series is approved for installation in NEC Class I, Divisions 1 or 2, Groups C & D; or Class II, Divisions 1 or 2, Groups E, F and G areas. The HDZ series uses copper-free cast aluminum housings that offer trouble-free installation and durability.

EXTERNAL SPECIFICATIONS

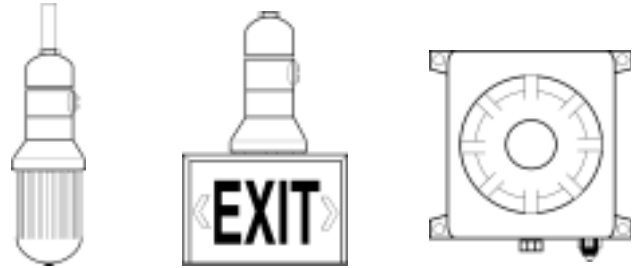
The HDZ series housings are constructed from corrosion resistant, copper-free cast aluminum. The quick access thread on cover allows for trouble-free installation and reduces general maintenance time. A one-way stainless breather provides proper and effective unit ventilation. External test switch and monitor LED are standard. The HDZ series is capable of supporting remote emergency fixtures and exit signage.

LAMP SELECTION

6V SEALED BEAM:	(SB) standard: 9w, 12w, 18w (SBH) halogen: 12w, 20w
12V SEALED BEAM:	(SB) standard: 12w, 18w (SBH) halogen: 8w
120V COMPACT:	(CF) compact fluorescent: 2x13w



DIMENSIONS (in.)



Wattage	A"	B"	C"
36W-100W	Please consult factory for dimensions		
2x13W	Please consult factory for dimensions		
L1, L2, L3	Please consult factory for dimensions		
X1, X2	Please consult factory for dimensions		

ORDERING INFORMATION

Series	Operation	Capacity	Light / EXIT	Mounting	Options
HDZ	6 (volt DC)	36 (6v, 12v)	L1 (single head)	CM (ceiling mount)	RF (reflector hood)
	12 (volt DC)	54 (6v, 12v)	L2 (double head)	PM (pendant mount)	WG (wireguard)
	120 (volt DC)	100 (6v, 12v)	L3 (triple head)	WM (wall mount)	GL (green lens)
			26 (120v CF)		X1 (single face exit)
			X2 (double face exit)		

EXAMPLE: HDZ-120-26w (CF)-L2-CM

DESCRIPTION: HDZ emergency luminaire, emergency only, 120/277, 120v, 26w, 2x13w compact fluorescent lamps, ceiling mount.



Certified by ETL
or CSA to UL924
Standards.

HDZ Technical Data

MECHANICAL SPECIFICATIONS

The HDZ series is constructed from corrosion resistant, copper free aluminum. The quick access thread-on cover allows for trouble-free installation and maintenance. The HDZ series incorporates a one way stainless steel breather that provides proper unit ventilation. External test switch and monitor LED are standard.

CHARGER SPECIFICATIONS

The HDZ series utilizes a pulse switching charger that is up to 70% more efficient than traditional constant voltage chargers. The charger is a fully automatic current limited charger with solid state line-latched low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

CONFIGURATIONS

The HDZ series can be configured to suit most hazardous applications. Unit mounted or remote capable, the HDZ series can power multiple emergency lighting heads and/or exit signs. Custom signage is also available. The HDZ series can be ceiling, wall or pendant mounted. The exact mounting configurations must be specified when ordering. Please consult the Beghelli Customer Service with any questions regarding the HDZ series.

INSTALLATION

The HDZ luminaire is suitable for surface wall or ceiling and pendant mounting. Suitable for installation and operation in NEC Class I, Div 1 or 2, Groups C & D; or Class II, Div 1 or 2, Groups E, F & G areas.

BATTERY TECHNOLOGY

The HDZ series is designed to be used with maintenance free, sealed valve regulated lead acid batteries that provide a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four (24) hours. Other batteries including Nickel-Cadmium are available, please contact Beghelli Customer Service for additional information.

MODEL RATING GUIDE

Model	Voltage	Wattage				Cabinet
		30	60	120	240	
HDZ-6-36	6	36	24	18	12	A
HDZ-6-54	6	54	36	24	18	A
HDZ-6-100	6	100	72	54	36	A
HDZ-12-36	12	36	24	18	12	A
HDZ-12-54	12	54	36	24	18	A
HDZ-12-100	12	100	72	54	36	A
HDZ-120-26	120	26	20	12	NA	A

WARRANTY

The HDZ comes from the factory with an unconditional 5 year product warranty. Lamps are not covered.