



EXPLOSION PROOF LARGE ESCAPE SIGN

Explosion proof led large Escape Sign: DAESUVE GH01

The explosion proof led Escape Sign ceiling light (battery back-up) is designed to meet the requirement of flameproof enclosure (EX “db”), increased safety (Ex “eb”), encapsulation (EX”mb”) and dust ignition protection by enclosure (Ex “tb”). This escape sign which is composed of non-metallic globe cover and non-metallic enclosure includes a separately certified lamp holder, interlock switch, ballast and terminal block.

The DAESUVE GH01 explosion proof escape sign is designed to operate in hostile environments. Constructed from corrosion resistant materials, this Escape light sign can be used in indoor and outdoor areas that are subject to water spray or moisture. This Escape Sign fixture was designed to function in areas where flammable gases or vapors and/or combustible dust exist. In these types of environments, a normal fixture could accidentally ignite an explosive reaction. As a result, the DAESUVE GH01 is the ideal Escape Sign in engine rooms of LNG-powered vessels.

Available safety sign layouts

All desired layouts can be delivered. Below you find some proposals according the IMO regulations and the ISO standard 24409.



Any other layout is available upon request.

Certificates & standards

The DAESUVE GH01 Explosion Proof Escape Sign is wheelmark approved and has a EU-type examination certificate by KR Hellas. The KRH certifies that this equipment has been found to comply with the Essential Health & Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the directive 2014/34/EU of 26 February 2014. Compliance with the Essential Health 7 Safety Requirements has been assured by compliance with: EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015, EN 60079-18:2015, EN 60079-28:2015 and EN 60079-31:2014.



Explosion Proof LED Ceiling Light

EXLED-125edG



Protection degree IP66 / IP67

Explosion degree

- Ex de mb IIC T4 Gb (-25 °C ≤ Ta ≤ +50 °C)
- Standard : IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-18

Materials

- Body : GRP (Glassfiber Reinforced Polyester)
- Globe : Clear polycarbonate

Finish

- Body & Bar & Globe : Natural
- Reflector : White powder coating

Light Source

- Top View LED : 25 W / 50 W
- LED module : Silicon Molding Type

Equipment

- Cable gland : M20, M25

Electrical

- AC 100 ~ 250 V, 50/60 Hz
- Ambient Temperature : -25 °C ~ 50 °C

Warranty Period

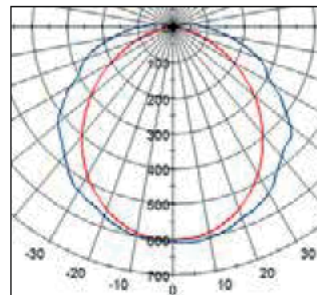
- 5 years



Explosion proof type LED module & Interlock switch

Light Distribution Curve [cd]

EXLED-125edG



Specification

Model No.	Capacity	L(mm)	W(mm)	H(mm)	Weight(kg)	Remarks
EXLED-125edG	25 W	745	213	147	6.5	

CURIOUS?

Curious about the possibilities for your organization? Please feel free to contact us!

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