

Lighting: LED Emergency Exit Sign, DFXT Series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The DFXT series can be used in petroleum mining, oil refining, chemical industry, military industry and other dangerous environment.

This luminaire is designed to use for safety reason in case of emergency situation.

Specification

- Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
- Lens : Heat and impact resistant clear glass
- Bolts : Stainless steel, SUS 304
- Bracket : Hot-dip galvanized steel
- Exit letter : One side white sign on green plate

LED System

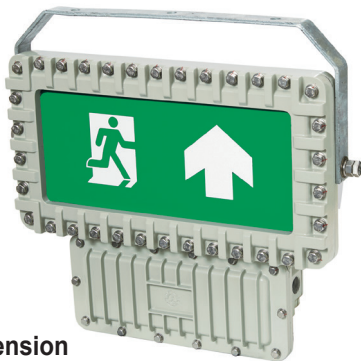
- Luminous efficient : 100 lm/W
- Colour temperature : 5700 K (cool white)
- Color Rendering Index (Ra) : >70
- Chip : CREE

Electrical for Emergency unit

- Operation : Maintained mode
- Battery : Ni-MH, 7.2V. 2.25Ah.
- Recharge time : 24-hours from fully discharge
- Emergency duration : 120Min. (2-Hours)

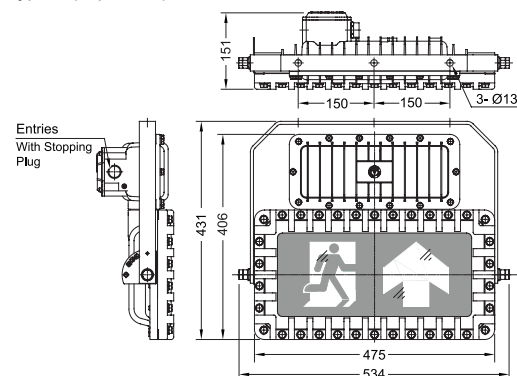
Option (specify)

- Body : Offshore painting (Acrylic polyurethane coating)
- Bracket, Bolts : Stainless steel, SUS 316
- 3-hours emergency duration (please specify)
- Battery : Ni-MH, 7.2V. 4.5Ah.
- Color Rendering Index (Ra) : >80

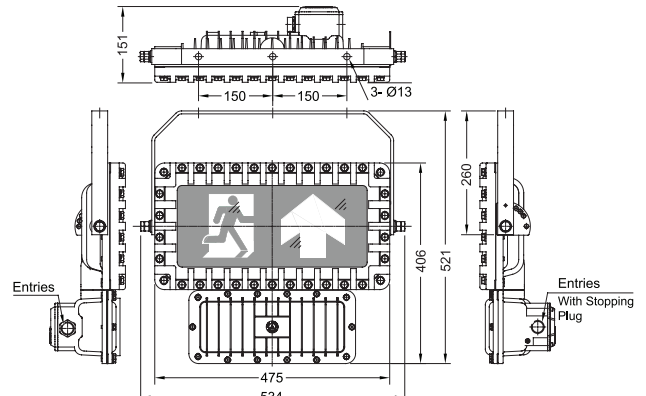


Dimension

Type-1 (Top driver)



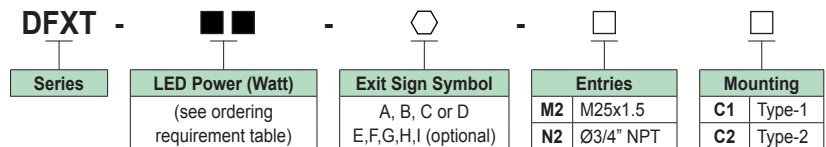
Type-2 (Bottom driver)



Technical Data

Hazardous Area Zones	Gas	Dust
Equipment Group/Category	Symbol of Protection	Certificate
Conformity to standards	Ambient Temperature	Index of Protection
Entries	Mounting	Connection
Rated Voltage		

Catalogue Number Logic

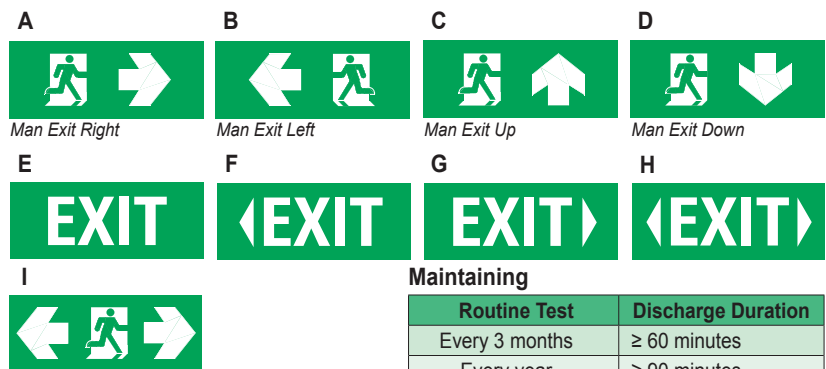


Ordering Requirements

Cat. No.	LED Power	Voltage	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Approx. Weight (kgs.)
			Ta 40°C	Ta 55°C	Ta 40°C	Ta 55°C	
DFXT-18-○-□	18W.	110-240V.ac 50/60Hz.	T6	T6	T85°C	T85°C	18.9

Remark * : The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.

Exit Signs Symbols (○)



Routine Test	Discharge Duration
Every 3 months	≥ 60 minutes
Every year	≥ 90 minutes