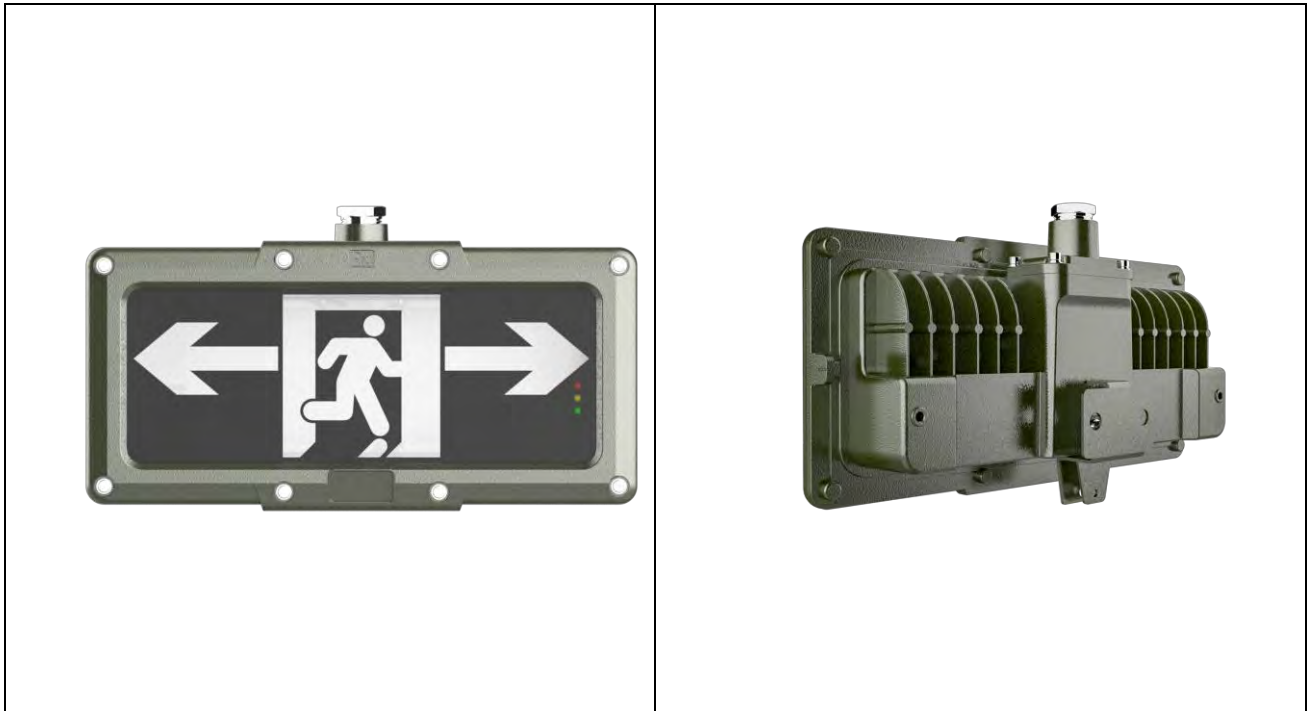# Explosion proof sign
CS-EXECL-03

Pictures

Features

1、Application scenario

This product is suitable for road sign indication and safe evacuation guidance instruction in workshop and passageway of petroleum, chemical industry, oil depot, ship and other industries.

2、Product Features

1.It is higher than the explosion-proof grade of national standard document GB3836. It can work safely in various inflammable and explosive places. Intelligent protection circuit is adopted to automatically cut off power after opening the cover, so as to ensure safer maintenance.

2.The light-emitting technology combined with LED chip and light guide plate has the characteristics of high-resolution display, no dark area, energy saving and environmental protection, and the light source life is up to 100,000 hours.

3.Precision structure design and high-voltage electrostatic spraying treatment,

dustproof and waterproof, corrosion-resistant, impact-resistant, reliable and durable.

4.The main power is automatically converted to emergency function after power failure. The emergency working time is 120minutes, twice as long as that of the ordinary sign lamp.
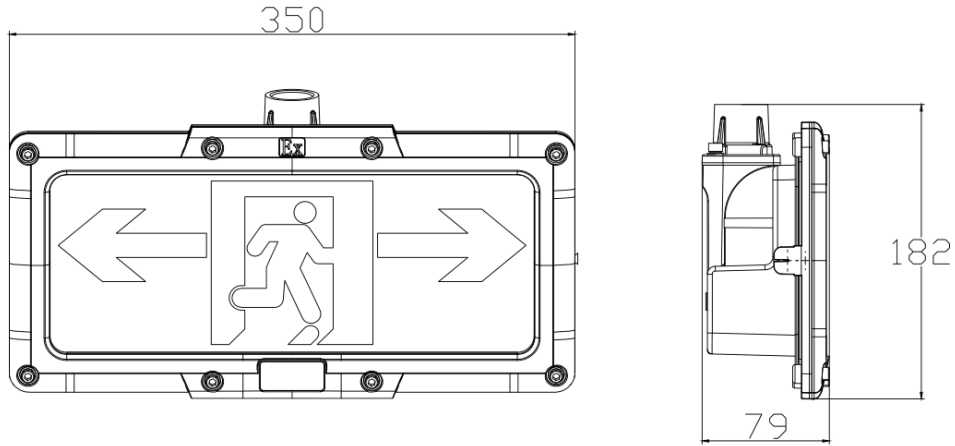
5.Unique shape, beautiful and full of design sense. Graphic and text signs can be customized according to customers'needs.

6.It can be installed by hoisting, embedded and wall hanging, which is convenient and practical.

Product parameters

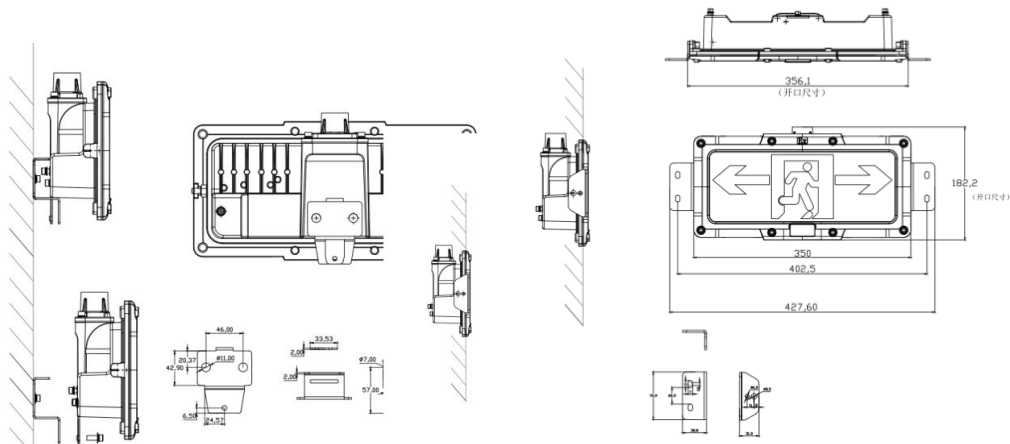|	symbol	Description	UNIT
Rated Voltage	VOLT	220	V
Power	P	3	W
Frequency	f	50/60	Hz
Light efficiency	η	120	Lm/W
Power Factor	PF	＞0.95	PF
Operating Temperature	TOPR	-20～+40	℃
Storage Temperature	TOPR	-20～+40	℃
Protection Level	IP	IP66	IP
Light Source	/	led	PCS
Correlate Color Temperature	CCT	3000-6500	K
Color Rendering Index	CRI	≥70	RA
LED Qty	/	6	PCS
Base specifications	/		
LED'S Operating Life	LIFE	100000	Hours
Start-up time	T	≤0.2	S
Anticorrosion grade	/	WF2	
Explosion proof grade	/	ExdIIBT6Gb	
Executive standard	/	GB3836.1、GB3836.2	
Weight	/	2.8	KG
Size	/	350*193*79	mm

Dimensions

Package

Name	Description	(pcs) Quantity	Name	Parameter
Outer box	47.7*37.8*45.4 CM	1	N.W.	28Kg
Inner box	36.1*9*21.6CM	10	G.W.	30Kg
Packaging method	10pcs/CTN			

Installation

Shenzhen Cresea Technology Co.,Ltd
Website:www.cressaled.com   Email: info@cressaled.com
Tel:+86 755 27063335

Caution

1、Schematic diagram

1.Before installation, it is necessary to check whether the actual operating conditions are in conformity with the parameters listed on the lamp nameplate.

2.Before installation, please test the lighting according to the parameters of the lamp nameplate to ensure that there is no quality problem before installation.

3.Before installation, it is necessary to determine the installation location and mode of the lamps according to the installation mode provided by the product, in combination with the on-site use environment and lighting requirements, so as to ensure that the installation is firm and reliable.

4.Connect the prepared cables with the input cables of lamps and lanterns according to the corresponding fire (brown), zero (blue) and ground (yellow-green) wires, so as to ensure that the connection is firm, and make good insulation and waterproof measures at the connection.

5.The input end of the cable can be connected to the power supply of the corresponding voltage to illuminate.

2、Using The Matters Needing Attention

1, transport lights should be installed in the cartons equipped with foam shock absorption.

2. When used, there is a certain temperature rise on the surface of lamps and lanterns, which is a normal phenomenon.

3. Power supply voltage can work normally in the range of specified voltage, too high power supply voltage will damage the lamp; too low voltage will cause the lamp can not start normally.

4. The red light of the indicator indicates that the lamp is being charged, the green light indicates that the main power is being used, and the yellow light represents the failure of the lamp.

5. Lamps must be grounded reliably.