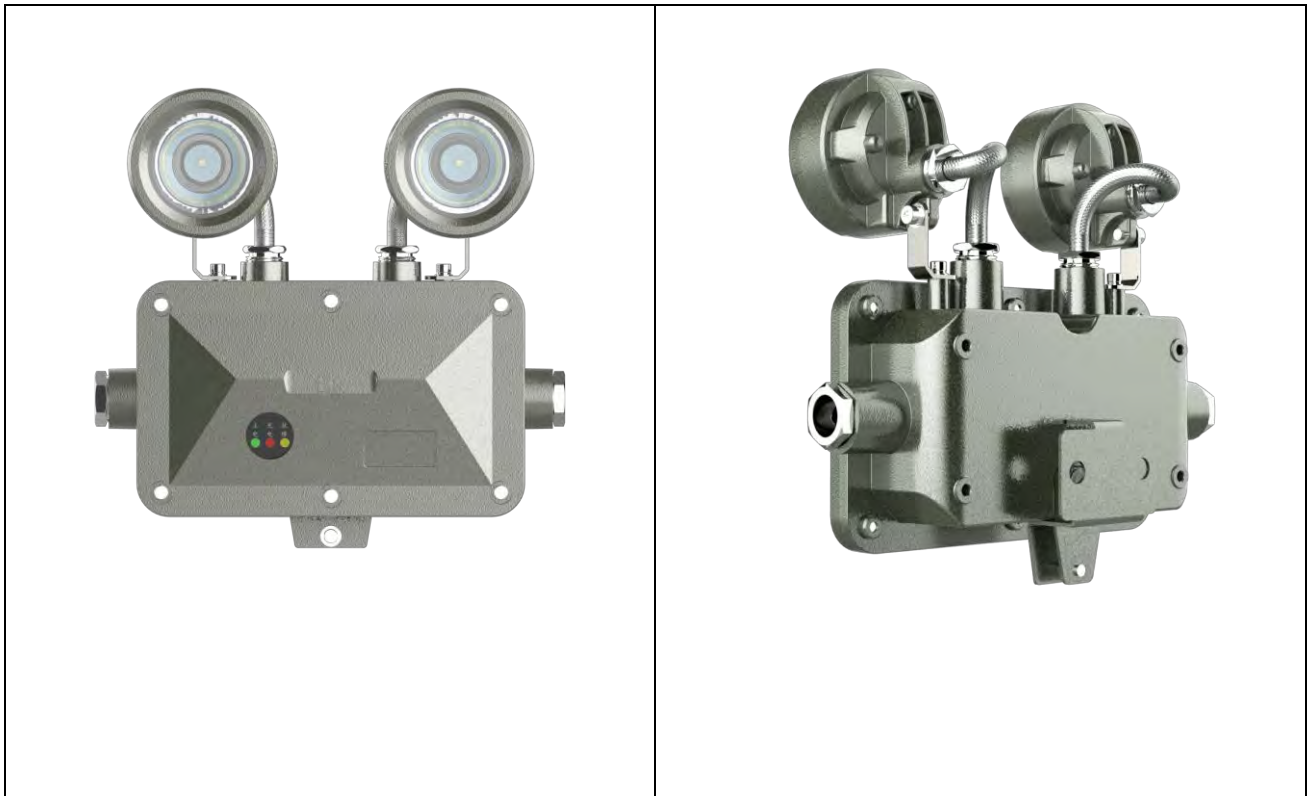# Explosion Proof Emergency Light
## CS-EXEL-06

## Pictures



## Features

### 1、Application scenario

This product has good explosion-proof function, suitable for various inflammable and explosive places, mainly used in railway, electric power, metallurgy, petroleum, petrochemical, chemical, steel, aviation, ship and each Efficient lighting in factories, stations, large facilities, venues and other places.

### 2、Product Features

1. The lamp body is made of aluminium alloy by die casting. The surface of the lamp is sprayed with high voltage electrostatic. The exposed fasteners are stainless steel with high corrosion resistance, and the overall anti-corrosion performance is excellent.

2. Adopting high-intensity transparent shield, high-transparency, impact-resistant,
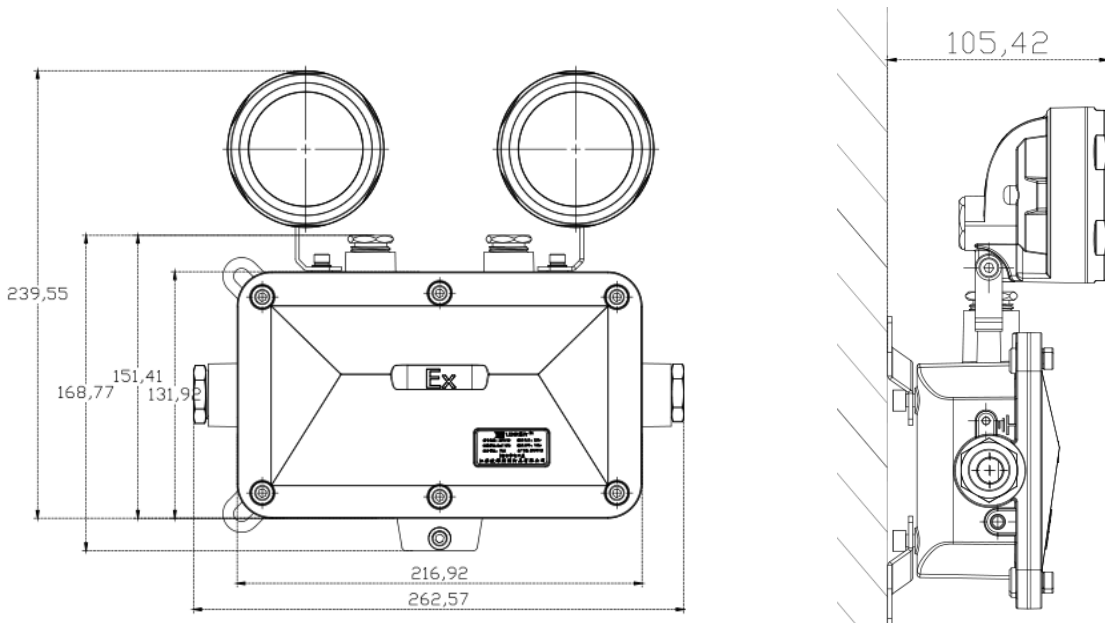
unique anti-glare design, with unique optical reflector, it has the characteristics of high light efficiency and low light decay.

    3. The explosion-proof structure designed in accordance with the national standard GB3836 document has reliable explosion-proof performance, long life, special constant current power supply, low power consumption and constant output power. It adopts high temperature and aging resistant silica gel sealing ring with high protection grade.
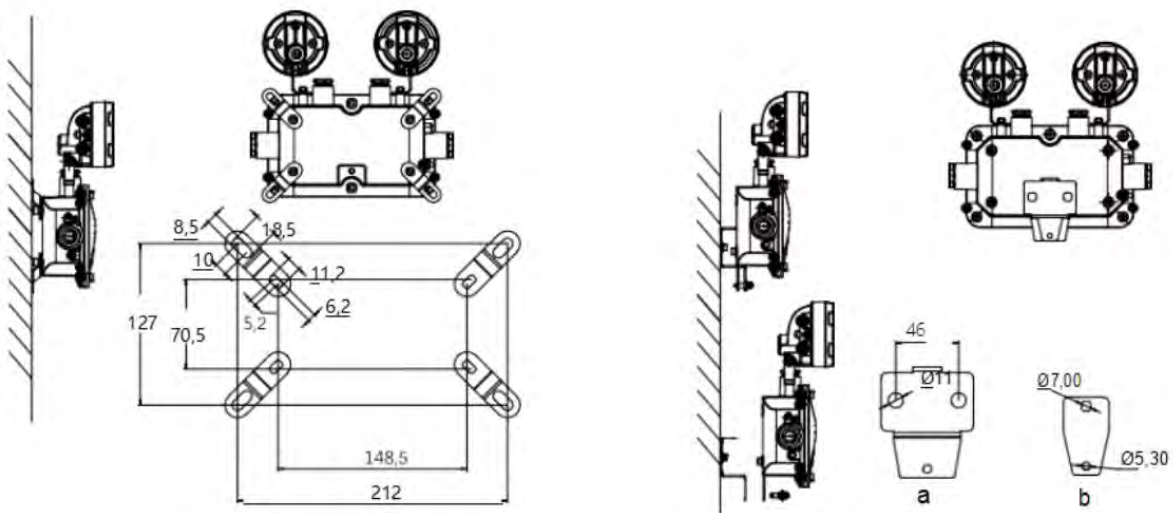
## Product parameters

| ITEM | symbol | Description | UNIT |
|---|---|---|---|
| Rated Voltage | VOLT | AC220 | V |
| Emergency voltage | / | DC1.2 | V |
| Power | P | 2*3 | W |
| Protection Level | IP | IP65 | IP |
| Lighting Angle | θ | 38 | ° |
| LED Qty | / | 2*1 | PCS |
| Base specifications | / | CREE3030 | |
| Anticorrosion grade | / | WF2 | |
| Explosion proof grade | / | Ex d IIB T6 | |
| Light efficiency | η | 120 | Lm/W |
| Frequency | f | 50/60 | Hz |
| Power Factor | PF | ＞0.95 | PF |
| Operating Temperature | TOPR | -20~40 | ℃ |
| Storage Temperature | TOPR | -20~40 | ℃ |
| Light Source | / | led | PCS |
| Correlate Color Temperature | CCT | 3000-6500 | K |
| Color Rendering Index | CRI | ≥70 | RA |
| LED'S Operating Life | LIFE | 100000 | Hours |
| Start-up time | T | ≤0.2 | S |
| Executive standard | / | GB3836.1、GB3836.2 | |
| Weight | / | 2.5 | KG |
| Size | / | 230x260x85 | mm |
| Emergency Time | / | 120 | Min |

![cressa]

## Dimensions



## Installation

## Package

| Name | Description | (pcs) Quantity | Name | Parameter |
|------|-------------|----------------|------|-----------|
| Outer box | 59*32*28CM 纸 | 1 | N.W. | 10 kg |
| Inner box | 30*14*25.5cm | 1 | G.W. | 11.5kg |
| Packaging method | 4pcs/CTN | | | |

## Caution

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. When transporting, the lamp should be installed in the carton equipped with foam shock absorption.

2. When using, the surface of the lamp has a certain temperature rise, which is a normal phenomenon.

3. The power supply voltage can work normally in the rated voltage. If the power supply voltage is too high, the lamp will be damaged; if the voltage is too low, the lamp will not start normally.

4. The luminaire must be reliably grounded.