BC5210 Explosion proof LED Emergency Light

IECEx ATEX IP 66 Ta 45 Ta 0



Ex marking: Ex db eb IIC T6 Gb
Ex tb IIIC T80℃ Db



Application

■ It is suitable for hazardous locations in Zone 1 and Zone 2 containing explosive mixtures of Class II C, T1-T6 groups of combustible gas or steam and air, and hazardous locations containing inflammable dust in Zone 21 and Zone 22.

■ Explosion-proof emergency light has the characteristics of small size, light weight, and easy installation. It is widely used in petroleum, chemical, dock, port, aerospace, aviation, military, processing and other places.

Characteristics

■ The luminaires use flameproof requirement to ensure that the products work safely in various flammable and explosive places. With automatic emergency function, emergency work time is up to 3 hours.

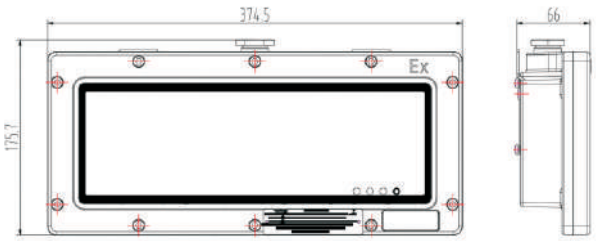
■ The optimized structure is designed with a lightweight aluminum alloy casing that is dust-proof, waterproof and impact-resistant, ensuring maintenance-free lighting and avoiding unsafe factors during maintenance.

■ LED light source, high brightness, long life, high efficiency and energy saving. Advanced and reasonable circuit design, high electrical efficiency and high reliability.

■ The cable is connected to the terminal through the connecting device wiring cavity, and the grounding screw is provided inside and outside the casing, and the user should be grounded reliably when using the product.

■ It is treated with high-tech surface electrostatic spray technology. It is waterproof, dustproof and anti-corrosive. It is reliable and durable and can be used reliably in harsh environments.

Drawing of dimension (Dimensions in mm)



Main technical parameter

Item	Technical data
Rated voltage (V)	100~240V AC
Rated frequency (Hz)	50/60Hz
Rated wattage (W)	2W
Emergency time (min)	180min
Efficiency (lm/W)	> 90
Color temperature (K)	5000(3000K, 4000K option)
Color rendering index (Ra)	>70
Service life (h)	>5000
Ingress protection	IP66
Factor	>0.8
Total harmonic distortion (THD)	>15%
Highest surface temperature (℃)	<80
Leading-in cable entry	G3/4"* 1nos, suitable for unarmored cable outer diameter φ9~φ11mm