

EXPLOSION PROOF EMERGENCY EXIT LIGHT

(60/90/120/180 MIN BATTERY BACKUP)

CES-EX-LN-02P-20A

Applicable to hazardous areas of Zone 1, Zone 2, Zone 21
and Zone 22.



Engineered for Extremes. Trusted for Safety.

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QUALIFICATION CERTIFICATES

ATEX:

- II 2G Ex eb mb IIC T5...T6 Gb;
- II 2D Ex tb IIIC T**°C;
- IP66;

IECEX:

- Ex eb mb IIC T5...T6 Gb;
- Ex tb IIIC T**°C;
- IP66;

CERTIFICATE & STANDARD

Have certified CES-EX-LN-02P fixtures with the IECEX and ATEX standards for hazardous location and environments.



CES-EX-LN-02P-20A**Explosion Proof Emergency Exit Light** (60/90/120/180 Min Batery Backup)**SCOPE OF APPLICATION**

Wastewater treatment, oil and gas refineries, drilling rigs, offshore platforms, petrochemical facilities, chemical plants, coal mines, aviation bases, food factories, pharmaceutical plants, beverage processing plants, and locations with the presence of flammable vapors, gases, combustible dust, fibers, or fumes.

PRODUCT DESCRIPTION

CESP Ex-proof emergency light with a self-contained battery system and was designed for a 60/90/120/180 minutes hour Emergency Lighting duration. Adopt to the aluminum alloy (ADC12) + PC, anti-glare, anti-impact. Replace for the traditional fluorescent lamp type, without electronic ballast. They are used for emergency exit routes of Zone 1 Zone 2, Zone 21 Zone 22 hazardous location as normal lighting and emergency sign for identification of exits.

ATEX: EN IEC 60079-0-2018; EN 60079-7-2015; EN 60079-18-2015; EN 60079-31-2014;

IECEX: IEC 60079-0-2017; IEC 60079-7-2015; IEC 60079-18-2014; IEC 60079-31-2013;

PRODUCT FEATURES

- -40°C to +50°C ambient operating temperature.
- Wide optics for uniform illumination.
- Entry Size: M25X1.5 or NPT 3/4"-14.
- Material : Aluminum alloy (ADC12) + PC.
- High Efficiency LED driver, more than 50000 hours lifespan.
- Protection: IP66, high protection grade for waterproof and dust-proof.

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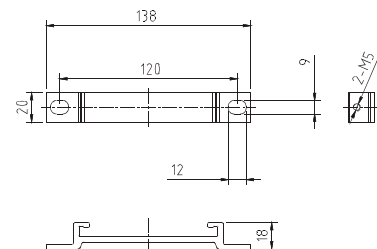
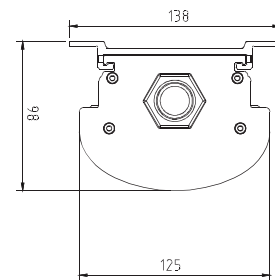
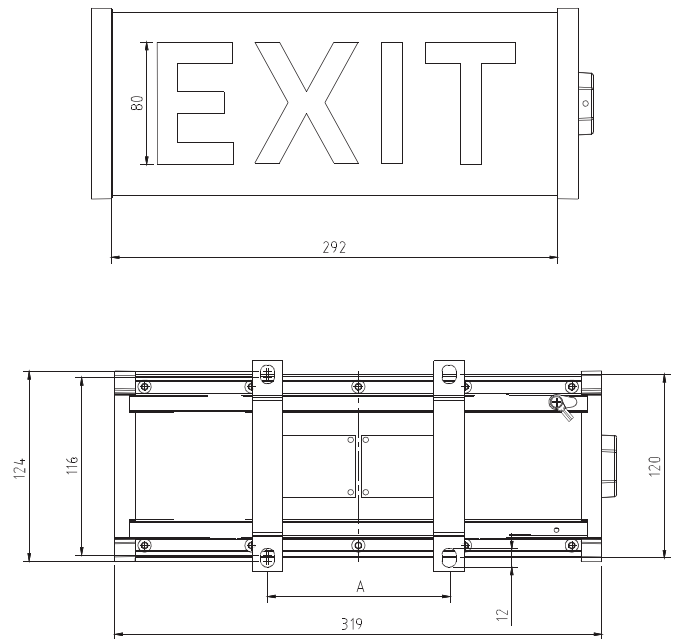
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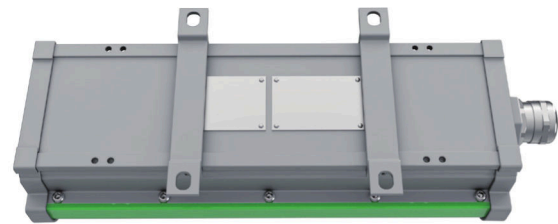
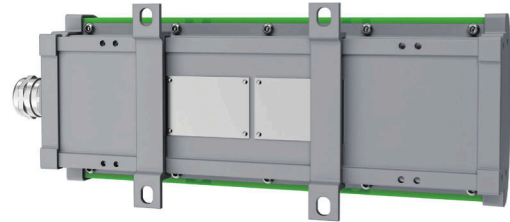
OVERALL DIMENSIONS

Product Size(mm)	319mm×125mm×98mm
Carton Size(mm)	480mm×185mm×145mm
QTY/CTN	1
Net Weight	2.5kg (1 Foot)
Gross Weight	—

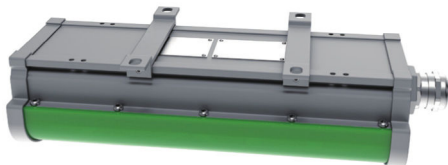
TECHNICAL SPECIFICATIONS

Power (W)	5W/8W/10W/12W/20W
Input voltage	100-277Vac 50-60Hz/DC24V
Power Supply	High Efficiency LED driver
LEDs	SMD 3030
Emergency power	5W/8W/12W
Emergency time	60/90/120/180 minutes
Power Factor	0.97
Operating Temperature	-40°C ~ +50°C
Entry Size	3/4"-14 NPT or M25 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)



CES-EX-LN-02P-20A**Explosion Proof Emergency Exit Light** (60/90/120/180 Min Batery Backup)**INSTALLATION METHOD**

- Simple suction top installation (also known as: wall installation, hoisting)

**Ceiling brackets**