

## Explosion proof emergency light



- Rated Voltage: AC110-270 V
- Charging Time: 48 H
- Discharge Time > 120 MIN
- Anticorrosion Grade: WF2
- Cable entry: 8MM - 14MM Cable
- Weight: 2.5 KG / 5.5 LBS
- Size: 230 × 260 × 85 MM / 9 × 10 × 3.3 IN
- Ex-proof Grade: ExdIIBT6

| SPECIFICATIONS                   |                                     |
|----------------------------------|-------------------------------------|
| VIDEO INPUT                      |                                     |
| Rated Voltage                    | AC220 V                             |
| Power                            | 2 W                                 |
| Frequency                        | 50/60 HZ                            |
| Light Efficiency                 | 120 LM                              |
| Power Factor                     | >0.95 PF                            |
| Operating Temperature            | -30~50 °C / -22~122 °F              |
| Storage Temperature              | -30~50 °C / -22~122 °F              |
| Protection Level                 | IP65                                |
| Lighting Angle                   | 38 °                                |
| Light Source                     | LED                                 |
| Correlate Color Tem-<br>perature | 3000-6500 K                         |
| Color Rendering Index            | ≥70 RA                              |
| LED Qty                          | 2 X 1 PCS                           |
| Base Specifications              | CREE3030                            |
| LED'S Operating Life             | 100000 H                            |
| Start-Up Time                    | ≤0.2 S                              |
| Anti-Corrosion Grade             | WF2                                 |
| Explosion Proof Grade            | EXDEMBIIICB T6                      |
| Executive Standard               | GB3836.1 / GB3836.2                 |
| Weight                           | 2.5 KG / 5.5 LBS                    |
| Size                             | 230 × 260 × 85 MM / 9 × 10 × 3.3 IN |

**Light Distribution Diagram**

This diagram shows the beam spread and illuminance for various beam angles. The radial scale represents distance in meters (m), with markings at 1.00, 1.40, 2.00, 2.80, and 3.50. The angular scale represents beam diameter in degrees (°), with markings at -150, -120, -90, -60, -30, 30, 60, 90, 120, 150, and 180. The legend indicates the following beam angles and their corresponding illuminance values (lx):

- CO/180, 99.3° (Red line)
- C0/210, 121.7° (Orange line)
- C60/240, 102.3° (Green line)
- C90/270, 99.2° (Blue line)

**Illuminance Figure**

This graph plots illuminance (lx) on the y-axis (0.0 to 8.0) against distance (m) on the x-axis (0.0 to 9.0). The legend indicates the following beam angles and their corresponding illuminance values (lx):

- 460 (Red line)
- 380 (Orange line)
- 310 (Green line)
- 230 (Blue line)
- 160 (Purple line)
- 77.0 (Pink line)
- 61.0 (Yellow line)
- 38.0 (Light Blue line)
- 31.0 (Light Green line)
- 21.0 (Light Yellow line)

