

# EXPLOSION PROOF LED LANTERN

## GBLED-EEX-SC or -SA

1 to 10 NM+



GBLED-EEX-SA-5

The GBLED-EEX is a LED lantern specifically designed for use in explosive atmospheres.

It is composed of a 360° horizon LED light inside an ATEX envelope.

There are different models available:

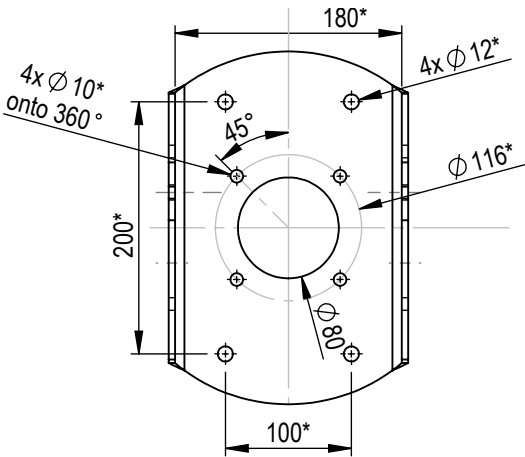
- GBLED-EEX-SC-3, with a self-contained lantern
- GBLED-EEX-SA, with a standalone lantern (need an external power supply)

High performance in extreme weather conditions

Service life over 10 years

### Technical Features

- Vertical divergence > 7° (GSC-3, GSA-5) or > 9° (GSA-8) or > 10° (GSA-8-10D)
- Colors: white, red, green or yellow
- Programmable flash characters: 369 + 1 personalized
- Adjustable range and ambient light levels
- Option: GPS synchronization system



### RANGES OF THE LANTERNS TYPE GBLED-EEX

| GSC-3 | Colors                          | White       | Red | Green | Yellow |
|-------|---------------------------------|-------------|-----|-------|--------|
|       | Intensity I <sub>max</sub> (Cd) | 68          | 68  | 68    | 56     |
|       | Range (NM) @0.74T               | up to 4 NM+ |     |       |        |
|       | Range (NM) @0.85T               | up to 6 NM+ |     |       |        |

| GSA-5 | Colors                          | White       | Red | Green | Yellow |
|-------|---------------------------------|-------------|-----|-------|--------|
|       | Intensity I <sub>max</sub> (Cd) | 184         | 106 | 56    | 129    |
|       | Range (NM) @0.74T               | up to 6 NM+ |     |       |        |
|       | Range (NM) @0.85T               | up to 8 NM+ |     |       |        |

| GSA-8 | Colors                          | White        | Red | Green | Yellow |
|-------|---------------------------------|--------------|-----|-------|--------|
|       | Intensity I <sub>max</sub> (Cd) | 1440         | 774 | 702   | 612    |
|       | Range (NM) @0.74T               | up to 10 NM+ |     |       |        |
|       | Range (NM) @0.85T               | up to 14 NM+ |     |       |        |

| GSA-8-10D | Colors                          | White        | Red | Green | Yellow |
|-----------|---------------------------------|--------------|-----|-------|--------|
|           | Intensity I <sub>max</sub> (Cd) | 1404         | 981 | 1710  | 720    |
|           | Range (NM) @0.74T               | up to 10 NM+ |     |       |        |
|           | Range (NM) @0.85T               | up to 14 NM+ |     |       |        |



GBLED-EEX-SC-3



GBLED-EEX-SA



### ENVELOPE MATERIALS

Body: marine aluminium alloy  
Borosilicate glass globe

### LANTERN INTRUSION PROTECTION

IP 68

### WEIGHT

12 kg

### MOUNTING

4 holes Ø10 on 116mm PCD  
or 4 holes Ø12 on 200\*100 rectangle

