

**10 - 60 V_{DC} ICAO Low-intensity Type B, FAA L-810 Obstacle Light
with Photocell & Flasher**
Key features

- Based on LED-technology
- Extremely reliable - long lifetime
- Suitable for off-shore use
- Very low power consumption
- Wide 10 to 60 VDC input voltage
- Stabilised light output
- Lightweight and small – low wind load factor
- Easy to install, several mounting sets available
- Two cable glands, easy to chain without external junction boxes
- No RF-radiations
- Five (5) year warranty

Benefits

- Long maintenance intervals
- Low energy cost
- Supply voltage variations do not effect light output
- Very low total lifetime costs
- Low wind load

Specifications met

- ICAO International Standards and Recommended Practices:
Aerodromes - Annex 14 Volume 1, 3rd Edition, July 1999,
Chapter 6: Low-intensity, Type B Fixed Obstacle Light
- FAA Advisory Circular 150/5345-43E 10/19/95 L-810 Light Unit

Optical characteristics

- Intensity better than 32.5 cd
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 15°
- LED supply current stabilised by constant current generator
- Light output degradation less than 30% after 100.000 h of operation

Electrical characteristics

- Input voltage range 10 - 60 V_{DC}
- Power consumption less than 2.5 W
- Current consumption when light is OFF: 2 mA
- Overvoltage protection

Mechanical characteristics

- Anodised marine grade aluminium body and end parts
- AISI 316 acid proof steel screws
- Colourless (clear) glass cover
- Terminal box for 1,5 - 6 mm² wires
- Degree of protection IP 65
- Operating temperature range -55°C to +75°C
- Height 210 mm, diameter 104 mm, weight 1.1 kg
- Wind load with CEL-MS-EV60 mounting kit @ 200 km/h less than 40 N

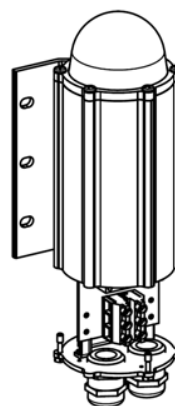
Options

- Mounting kits
- Without Photocell & Flasher: Ref CEL-LI-32-DCW-F datasheet

Order Code: **CEL-LI-32-DCW-PCFL**



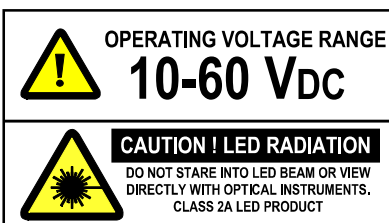
CEL-LI-32-DCW-PCFL - LED obstacle light


Photocell characteristics

- Turn on delay 1 s
- Turn off delay 200 s
- User selectable photocell sensitivity (bold = factory default)
OFF/200 lux / 400 lux / **800 lux**

Flash controller characteristics

- User selectable flashing rate (bold = factory default)
Steady burning / 20 fpm / 40 fpm / 60 fpm
- 250 ms flash duration



Made in EU

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