



# 32cd Low-intensity Obstruction Light

## 12V<sub>DC</sub> ICAO Type B - FAA L-810 - replacement unit

### CEL-32-12-E27

#### Key features

- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 12VDC nominal supply voltage
- 32cd nominal intensity
- Stabilised light output
- Easy to install
- No RF-radiations

#### Benefits

- Long maintenance intervals
- Low energy cost
- Supply power voltage variations do not affect light output
- Very low total lifetime costs
- Comes with five (5) years warranty

#### Specifications met

- ICAO International Standards and Recommended Practices:  
Aerodromes - Annex 14 Volume 1, 5th Edition, July 2009,  
Chapter 6: Low-intensity, Type B Fixed Obstacle Light
- FAA Advisory Circular 150/5345-43F 09/12/06 L-810 Light Unit

#### Optical characteristics

- Intensity better than 32cd
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 50°
- LED supply current stabilised by constant current generator
- Light output degradation less than 30% after 100,000hrs of operation

#### Electrical characteristics

- LEDs in several separate groups
- Nominal operating voltage 12V<sub>DC</sub>
- Power consumption 5W
- Operating voltage range 11.5 to 19V<sub>DC</sub>
- Over-voltage protection

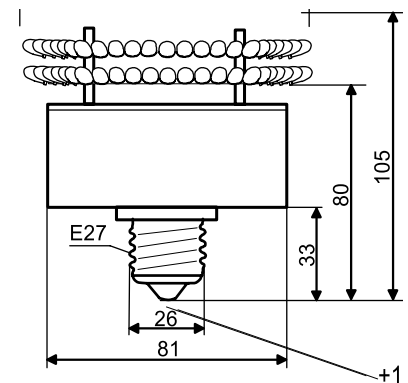
#### Mechanical characteristics

- Yellow ABS body
- Degree of protection IP30
- Operating temperature range -55°C ... +55°C
- Height 105mm, diameter 92mm, weight 0,1kg

#### Installing instructions

- The E27 base polarity connection,  
+ 12VDC E27 center pole  
0VDC E27 base

**Order Code: CEL-32-12-E27**



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