



# 10cd Low-intensity Obstruction Light

## 230V<sub>AC</sub> ICAO Type A - replacement unit

### CEL-10-230-E27

#### Key features

- Based on LED technology
- Extremely reliable - long lifetime
- Very low power consumption
- 230VAC nominal supply voltage
- Stabilised light output
- Easy to install
- Absolutely no RF-radiations
- Safe and easy to use

#### 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 A Fixed Obstacle Light

#### Optical characteristics

- Intensity better than 10cd
- 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 100,000 hrs of operation

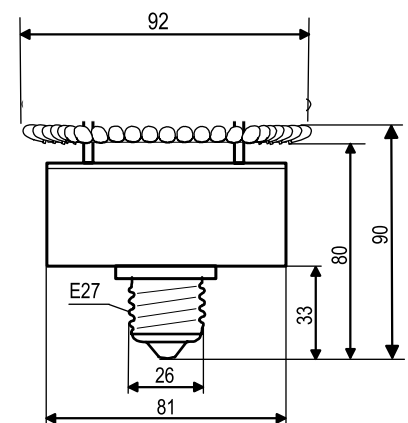
#### Electrical characteristics

- LEDs in separate groups
- Nominal operating voltage 230V<sub>AC</sub>
- Power consumption 2.3VA
- Operating voltage range 210 to 250V<sub>AC</sub>
- Internal 230V<sub>AC</sub> / 48V<sub>DC</sub> power supply
- Two-stage over-voltage protection

#### Mechanical characteristics

- Yellow ABS+PC body
- Degree of protection IP30
- Operating temperature range -55°C ... +55°C
- Height 90mm, diameter 92mm, weight 0,3kg

**Order Code: CEL-10-230-E27**



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