

EUL-SR-LED

LED elevated approach side-row light - Airsafe



Airsafe

Contact details:



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Compliance

- ICAO Annex. 14, Vol. I
- FAA AC 150/5345-46
- EB 67 D
- UNE IEC-TS 61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-015_06-12

Uses

LED elevated approach side-row light for airports CAT I, II y III, according to ICAO Fig. A2-2.

Features

- Robust body built on high strength aluminum alloy, anti-corrosion treatment and excellent thermal dissipation.
- Reduced height to minimize the jet blast impact.
- Stainless steel hardware to grant the waterproof and corrosion resistance.
- Glass diffuser with high resistance to the temperature and abrasion.
- Long-life and robust design to guarantee the waterproof of the equipment over the years.
- Integrated electronic encapsulated in epoxy resin.
- Compatible with existing serial circuits without need of changing the isolation transformers.
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- Regulated light output.
- Optional "Fail Open" monitoring device.
- Integrated surge protection.
- Efficient control of LEDs operating temperature, increasing the light life and avoiding color change.
- Saturated LED colors ensuring clear identification of the lights at all brightness levels and any viewing angle.
- The long-life of the equipments, with low maintenance and consumption, involve directly a reduction of operational costs.
- Low energy LED light source, with a comprehensive lifespan of not less than 100.000 hours and light attenuation is less than 30%.

Specifications

- Power: 2.8A ~ 6.6A, according to FAA EB67.
- Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- Color: Red
- Consumption: $\leq 17VA$, Power factor: ≥ 0.9 .
- Index Protection: IP67
- Installation with isolation transformer 45W

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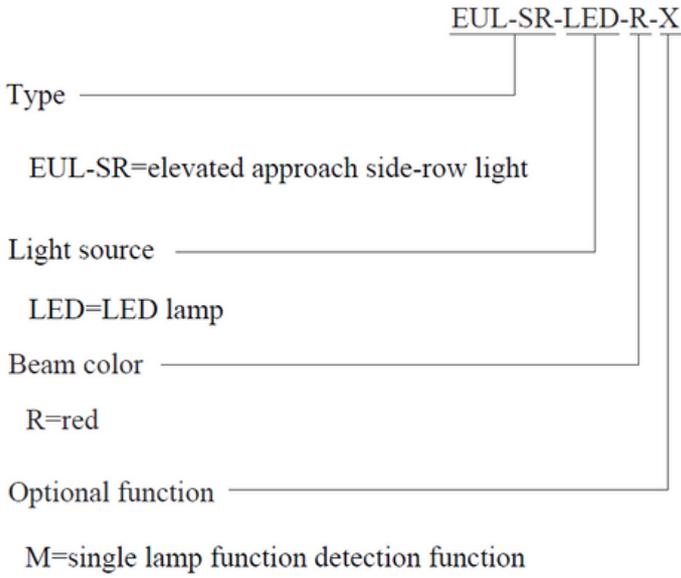


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Order Code



Installation

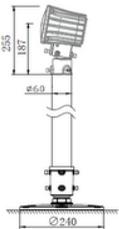


Fig 1. On extension pole.

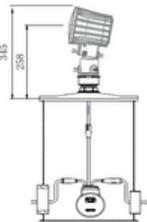


Fig 2. On 12" deep base.

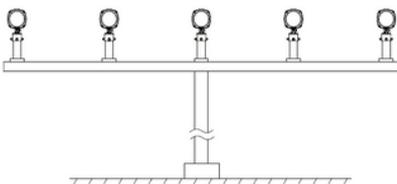
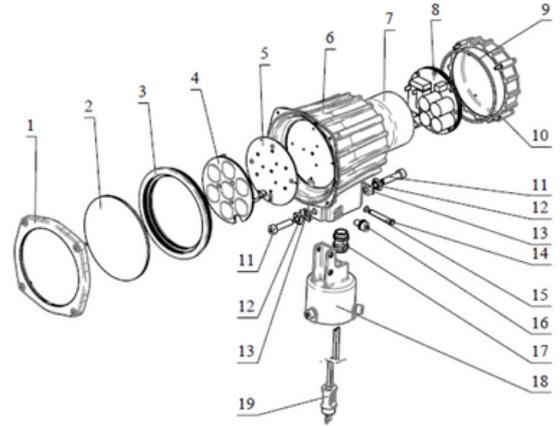


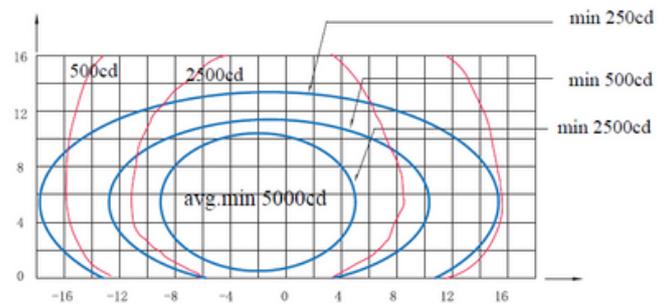
Fig 3. On approach mast.

Structure



- | | |
|-------------------------|---------------------------|
| 1. Front cover | 12. Nut |
| 2. Optical cover | 13. Nut positioning piece |
| 3. Optical cover gasket | 14. Light body hinge |
| 4. Lens | 15. Retaining ring |
| 5. LED lamp assy | 16. Side locking screw |
| 6. Light body | 17. Waterproof gland |
| 7. Transformer | 18. Light body base |
| 8. Driver assy | 19. Plug |
| 9. Light body gasket | |
| 10. Rear cover | |
| 11. Adjusting screw | |

Photometry



EUL-SR-LED, ICAO Fig A2-2, Red

