REL (R-2150)
ELEVATED RUNWAY EDGE LIGHT

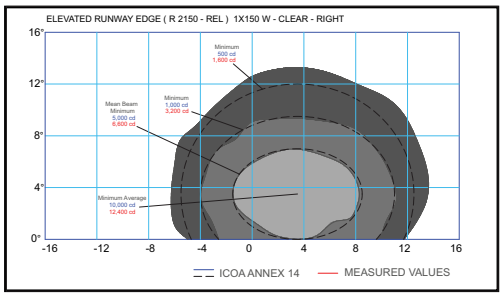
RELATED STANDARDS
FAA AC 150/5345-46 L-862
ICAO Annex 14 Vol. 1 Para. 5.3.9
IEC TS 61827
STANAG 3316

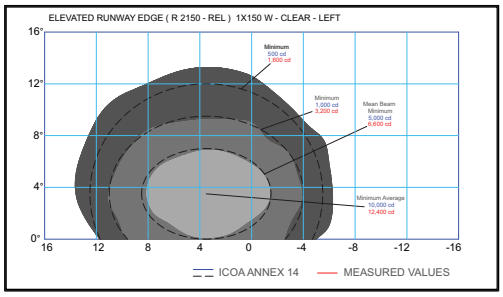
APPLICATIONS
• As high intensity, bi-directional edge lighting for runways up to 60 meters wide n CAT I, II & III conditions.
• As medium or high intensity runway edge, threshold and runway end light.

IMPORTANT FEATURES
• IEC TS 61827 certified.
• Small size helps resist heavy jet blasts at runway end and threshold.
• Easily mounted with frangible coupling over a 2” muff pipe.
• Needs very little maintenance thanks to simple construction and minimum number of parts.
• Accurate and effective photometric's with one PK30d pre-focused quartz halogen lamp.
• Re-lamping is fast and easy without any tools.
• Multipurpose optical system with 2 piece inner glass lens any combination of colours can be made.
• Long lamp life 1000 hours at full intensity (6.6A) increases to 2000-4000 hours in practice as the light usually operates at lower intensities.

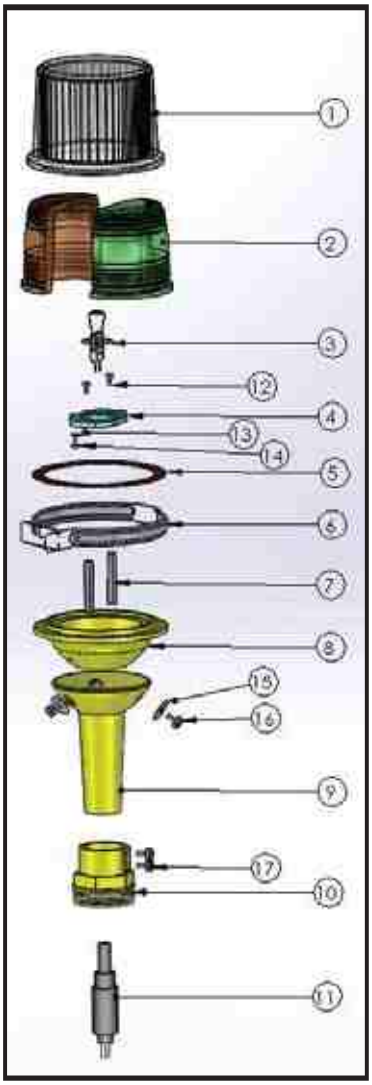
ELECTRICAL SUPPLY
Through a 100W, 150W or 200W isolating transformer.

PHOTOMETRIC PERFORMANCE





MATERIALS & FINISH
Chromate treatment and electrostatic powder coating. The colour is aviation yellow and hardware is made of stainless steel.



CONSTRUCTION
1. Outer dome, glass, externally smooth
2. 180° inner prismatic lenses, glass, through-coloured clear
3. Lamp, quartz halogen, pre-focused PK30d
4. Lamp base
5. O-ring gasket for heat
6. Clamping ring made of stainless steel
7. Lamp height adjustment jig
8. Upper body, die-cast aluminium alloy
8. Lamp base hardware
9. Lower body, die-cast
10. Frangible coupling
11. Style 1 & 6 plug
12. Screw
13. Screw
14. Screw
15. Washer
16. Aiming screw
17. Coupling to body screws

WEIGHT
With the inner lenses, Net weight is 2,2 kg.

PACKING INFO
In cardboard boxes of 15,8x15,8x31,5cm.

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