

# ELEVATED TAXIWAY EDGE LIGHT AL-EMA-TEL(T-2045)

**AeroLED Aerodrome  
Lighting Systems**

**RELATED STANDARDS**

FAA AC 150/5345-46 L-861T  
ICAO Annex 14 Vol. I Para. 5.3.18  
IEC TS 61827  
STANAG 3316



**APPLICATIONS**

- As medium intensity taxiway edge light
- As omni-directional heliport perimeter light (FATO & TLOF)

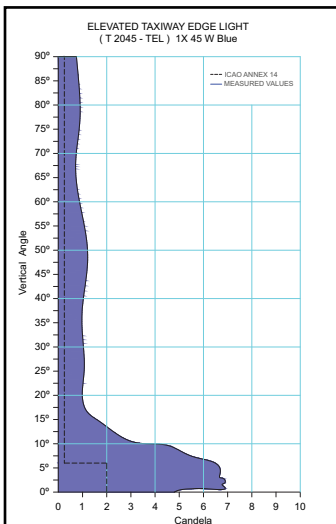
**IMPORTANT FEATURES**

- IEC TS 61827 certified
- Available with halogen lamp or LED module
- Small size helps resist heavy jet blasts
- Easily mounted with frangible coupling over a 2" muff pipe
- Needs very little maintenance thanks to simple construction and minimum number of parts
- Re-lampng is fast and easy without any tools
- Long lamp life 1500 hours at full intensity (6.6A) increases to 2000-4000 hours in practice as the light usually operates at lower intensities. LED fixture has an average life of 50000 hours at high intensity.

**ELECTRICAL SUPPLY**

- Through,
- 45 W isolatng transformer for halogen lamp.
  - 20/25 W isolatng transformer for LED.

**PHOTOMETRIC PERFORMANCE**



SOUTH AFRICAN



**CONSTRUCTION**

1. Blue colored, prismatic dome
2. Lamp, quartz halogen, prefocused PK30d
3. Silicone rubber gasket for watertightness
4. Stainless steel clamp
5. Lamp holder
6. Upper body, die-cast aluminium alloy
7. Lower body, die-cast
8. Breakable coupling
9. 2 pole FAA L-823 plug
10. Screw
11. Screw
12. Screw
13. Lamp height adjustment jig
14. Washer
15. Aiming screw
16. Coupling to body screws

**MATERIALS & FINISH**

Chromate treatment and electrostatic powder coating. The color is aviation yellow and hardware is made of stainless steel

**WEIGHT**

Net weight s 1,6 kg. Halogen, 2 kg. LED

**PACKING INFO**

In cardboard boxes of 15,8 x 15,8 x 31,5 cm.