



TEKSAV TEKNOLOJİ

## HALOGEN INSET THRESHOLD AND RUNWAY END LIGHT UNI-BIDIRECTIONAL 12 INCH

### APPLICATIONS

- Threshold
- Runway end



### BENEFITS

#### Efficiency

- Designed and built with simplicity and ease of maintenance in mind
- Extensive use of aluminum alloys limits fixture weight to less than 8 kg to ease handling in the field
- Many components are common to all F-range lights
- Outer prisms mechanically clamped to light cover through molded, replaceable seals: prism replacement by airport maintenance personnel is fast and easy and does not require any sealing compound or resin
- No optical adjustment required after replacement of lamp or prism
- Specific tools have been developed to ease installation and subsequent maintenance
- Plug for pressure-testing of fixture after overhaul

### Accessories

Refer to the F-range user manual for 12-inch lights.

### COMPLIANCES

IEC 61827  
FAA AC150 / 5345-46 for mechanical requirements ICAO Annex 14, Volume I  
EASA CS-ADR-DSN  
STANAG 3316

### PERFORMANCES

- Lightweight, sturdy, low-energy and environment friendly lighting fixtures (no cadmium plating)
- Normal protrusion (12,7 mm) reduces vibrations induced in aircraft landing gear and in lighting fixture itself, thereby increasing lifetime, particularly for the lamps
- Smooth outer surface of light cover avoids tire damage and makes light less sensitive to snowplows
- Long life halogen lamps: 1000 hours at full intensity, in excess of 3000 hours in practical use
- Low temperature lights: temperature at center of top cover remains below 160 °C ICAO specified limit
- Finish: aluminum alloy cover, inner cover and optical support; plain stainless-steel



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## Power Supply

6.6 A through one 300-W transformer or one 200-W and one 100-W isolating transformer installed under the light in the base can or in a separate housing.

hardware

