

LED AND HALOGEN ELEVATED TAXIWAY

APPLICATIONS

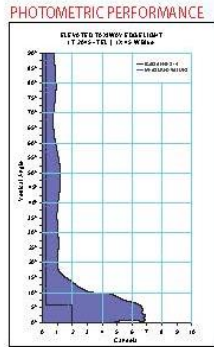
Taxiway edge for ICAO, FAA and military taxiways White Omnidirectional Approach and Unserviceability lights



TEK.245.M.02.(D)

BENEFITS

- 60000 hours LED rated life at full intensity, but over 100000 hours in field operating conditions
- 1500 hours Halogen bulb rated life at full intensity, but over 4000 hours in field operating conditions.
- In new installation, LED lights mean lower loads, lower size of CCRs and transformers, thus low life cycle costs
- The light output is variable like a traditional halogen lamp, as indicated by the FAA "Engineering Briefing No.67"
- Colour emitted directly by LEDs: absence of coloured lenses ensures no energy losses and no colour shifts
- Fully compatible with existing AFL infrastructure*
- Designed with simplicity allowing longer maintenance intervals and fewer spare parts
- Customized lens gasket to avoid the use of sealing
- No optical adjustment after LED module or lens replacement
- Operating with any topology of CCRs designed in compliance with IEC or FAA requirements
- For monitored fixtures, isolation transformer max size: 45W



COMPLIANCES

ICAO: Annex 14 - Volume I par. 5.3.18.8
EASA: CS ADR-DSM, Book 1, par.M.720 (c) (3)
FAA: L-861T AC150/5345-46 and EB No.67
IEC: TS 61827
NATO: STANAG 3316
CAA: CAP 168
IAAE: TP312

PERFORMANCES

- The electronic is strong-built and highly resistant to shock and vibration
- Automatic adaptation to the frequency of the supply current
- A surge protection device is provided in the electronics as required by the FAA "Engineering Briefing No.67"
- Immediate detection of an internal fault
- Lightweight and sturdy due to aluminium die-castings
- Powder coating surface finishing to provide good corrosion resistance
- Body balanced on the slip fitter for proper levelling by means of three screws
- High jet blast resistance due to the small size of the fixture, 250 mm high
- Protection degree: IP67
- Temperature range: -55°C to +55°C

INSTALLATION

- The fixture can be installed on pipe elbow or baseplate
- Specific tools available for easy and precise installation

