Suggested Specification: SL-TE-I

SafeLED lights include numerous technical benefits:

• Taxiway Edge and Stand Guidance inset LED lights.

• Monitors LED lamp status. (Integrated Fail Open technology/SafeLED 6.6A only)

• Acts like a halogen lamp and does not pulsate due to resistive load.

• 10 mm elevation point, only.

• No negative slope (dirt advert design).

• Over voltage surge and lightning protection.

• All-in-one integrated and moulded electronics with a connector.

• An easily replaced prism.

• Backwards compatible with halogen lamps on CCR series circuit.

• Photometrics and colours in compliance with recommendations in ICAO Annex 14 Volume 1, FAA AC150/5345-46D and FAA EB67D.

• Can be powered by an isolating transformer on a standard 6.6A AGL primary loop, due to the internal converter in the fitting (6.6A version only).

• LED life depends on operation.

• All external parts are made of anodised aluminium alloy casting.

• All fixings and fastenings are stainless steel.

• The fitting has a maximum outer diameter of 203 mm (8”) and its projection shall not exceed 10 mm (<1/2“;) omni-directional.

• The weight of the fitting is less than 3.0 kg.

• The fitting is installed directly on an 8” shallow base minimum 100mm (6.6A version only), or in a Thorn AFL adapter ring on a FAA L-868B deep base.

• The fitting is designed to allow easy maintenance.

Compliance

The inset light is in compliance with standards:

• ICAO: Annex 14 Vol. I Paragraphs 5.3.17 and 5.3.26 for use in CAT I, II, III

• FAA: L-852T AC150/5345-46D

• FAA: EB67D

• IEC 61827

• NATO: STANAG 3316

• STAC