Suggested Specification: EL-EAM

* The taxiway edge and runway elevated light shall be omnidirectional complying with ICAO recommendations in Annex 14, Volume I, FAA AC 150/5345-46D, STNA, STANAG 3316, CAP 168 and BS 3224 part 4 standards.
* It shall be fitted with one 6.6 Amps halogen pre-focused Pk30d lamp 45 Watts, Lamp life shall be greater than 1,500 hours at full intensity. The optical system shall comprise of just an optical glass done with Fresnel prisms, clear or directly full colored.
* To ensure its water tightness the fitting is to be equipped with a flat gasket.
* The overall height shall not exceed 310 mm.
* The body shall be made of polyamide reinforced with fiberglass, full colored in yellow aviation.
* The body levelling and the support shall be made of aluminum alloy casting phosphate and painted in aviation yellow by an electrostatic process (powder coated). All fixings and fastenings shall be stainless steel.
* Its design shall allow installation onto a support equipped with 2”NPS, 2” BSP or 1.5” UNF thread.
* The power cable shall be protected by running through the support.
* The fitting weight shall not exceed 1.5 kg with the lamp.
* The adjustment shall be made by using a setting tool with spirit levels.
* The adjustment shall be locked by three Allen screws.
* Maintenance on site shall be high speed with replacement of the lamp made possible by unscrewing the glass dome.