Suggested Specification: F2.1 Omnidirectional Elevated Light

* The Approach, FATO edge, TLOF edge and taxiway edge elevated light shall be omnidirectional complying with ICAO recommendations, with FAA, STANAG, CAP 168 and British Standards BS 3224.
* It shall be fitted with one E 27/PK30d lamp of 105 W for FATO and E27 lamp of 70 W for TLOF Lamp lifetime must be longer than 2,000h.
* The optical system shall be comprised of just an optical glass dome with Fresnel prisms, clear or directly full colored.
* Its water tightness is obtained by using a flat gasket.
* It shall be able to be mounted at ground level (on long or short frangible holding tube) or higher on pole or tilt table mast.
* The overall height shall be 250mm with short frangible holding tube or 340 mm with long frangible holding tube.
* The weight shall not exceed 1.5 kg with the lamp.
* The body shall be made of polyamide reinforced with glass fiber, full colored in yellow aviation. The support tube shall be made of aluminum. All fixings and fastenings shall be stainless steel.
* The Power cable shall be protected by running through the support.
* Maintenance on site shall be high-speed as replacement of the lamp is to be made possible by unscrewing the glass dome.
* The fittings mounted at ground level on frangible holding tube shall be (as an option) equipped with a day marking cone.