Suggested Specification: FAP

The Approach High Intensity Inset Light shall be in compliance with ICAO Annex 14, Vol. I, para. 5.3.4, and the mechanical requirements of FAA AC 150/5345-46 (current edition) for use as approach light in Category I, II and III. Maximum three lamps rated 105 W maximum shall be used. The expected life of lamps shall not be less than 1000 hours at full intensity. The projection above ground level shall not exceed 12,7 mm/0.5 inch. Major parts of the light shall be made from aluminum alloy. All parts, including hardware shall be fully corrosion proof. The prisms shall be user-replaceable without making use of sealing compounds. The light shall resist all stresses imposed by impact, roll over and static load of present-day aircraft without damage to light and to aircraft and vehicle tires.

The light shall suit for mounting on a 12” shallow base with a depth of 150 mm maximum or, using an adaptor/flange ring, on a standard FAA 12” to 16” deep base. It shall be equipped with a pressure relief plug to facilitate removal of inner cover and to allow for air pressure testing in water before reinstallation.