Suggested Specification: FTH

The Threshold and Threshold Wingbar High-Intensity Inset Light shall be in compliance with ICAO Annex 14, Vol. I, para. 5.3. and FAA L-850E, specification AC 150/5345-46 (current edition) for use as threshold light in Category I, II and III.

Max. three lamps equally rated 105 W max. shall be used. For the threshold, the number of lamps shall be limited to two. 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.

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, rollover 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 max. 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.