



Heliport & Helipad Lighting

FATO

Final Approach & Take-Off

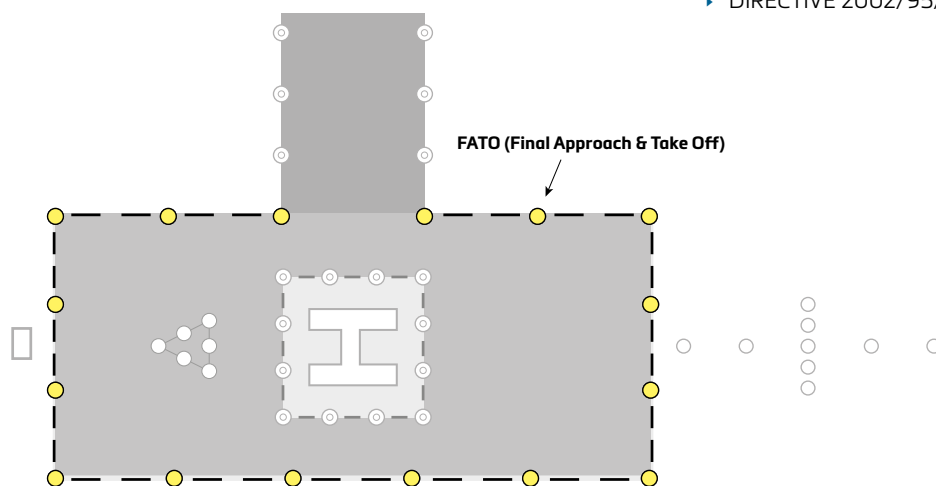
Application

- ▶ Where a FATO is established at a surface-level heliport on ground intended for use at night, FATO lights shall be provided except that they may be omitted where the FATO and the TLOF are nearly coincidental or the extent of the FATO is self-evident.
- ▶ FATO lights shall be placed along the edges of the FATO. The lights shall be uniformly spaced as follows:
 - a) for an area in the form of a square or rectangle, at intervals of not more than 50 m with a minimum of four

lights on each side including a light at each corner; and
 b) for any other shaped area, including a circular area, at intervals of not more than 5 m with a minimum of ten lights.

Compliant with latest International standards

- ▶ ICAO Aerodromes, Annex 14 Aerodrome Design and Operations
- ▶ DIRECTIVE 2002/95/EC:2003 Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)



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Heliport Lighting
FATO

Heliport Series | Final Approach & Take-Off



Technical Data	
Body material	Powder coated aluminium
Body colour	Yellow aviation (RAL 1004)
Total power	10W
Power supply	Powered from DCR
Horizontal dispersion	360 degrees
Disperser	Transparent polycarbonate
LEDs power	2,5W

Light source characteristics

- ▶ Light intensity > 100 cd (10%, 30% and 100%)
- ▶ High power OSRAM LEDs
- ▶ Specially designed lenses
- ▶ Period of use of LEDs is minimum 50000 hours
- ▶ Light color: White - according to CIE Chromaticity Boundary

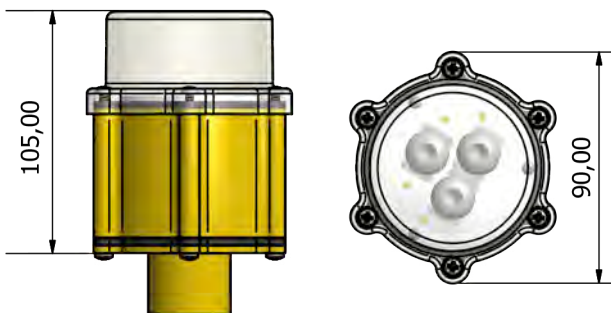
Technical characteristics

- ▶ The casing is made out of aluminum painted in electrostatic field
- ▶ The disperser is made of transparent polycarbonate, UV protected
- ▶ The degree of protection IP66
- ▶ The fitting is bolted on any flat surface with a frangible coupling
- ▶ Nominal operating temperature from -40 to +50 °C

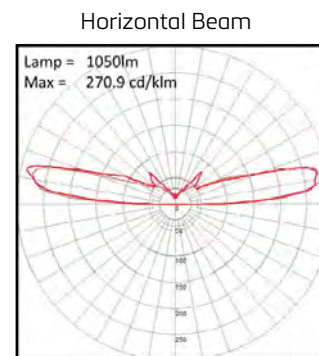
Electrical characteristics

- ▶ Standard power supply from DCR
- ▶ Power cable length 2 m
- ▶ Electrical insulation resistance is I

Dimensions



Photometrics



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