

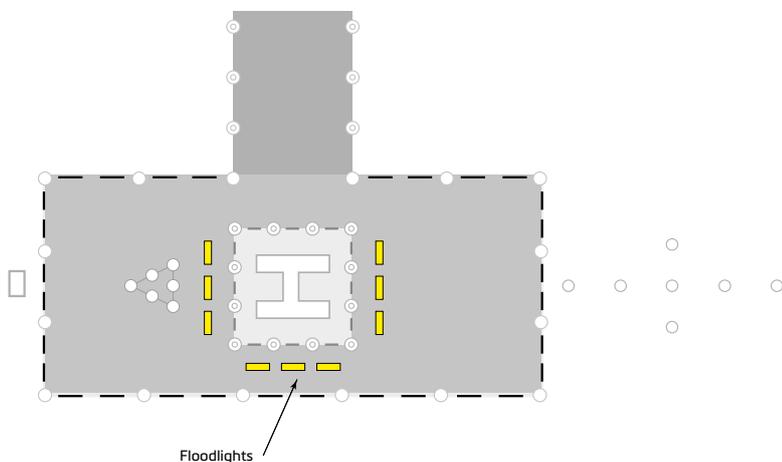


Heliport & Helipad Lighting

Floodlight Helipad Lighting System

Application

- ▶ The Surface Floodlights are designed to satisfy all the ICAO required performances:
 - > they will provide the correct Touchdown and Lift-Off area illumination, as alternative or as integration of the perimeter lights, with a minimum of 10 cd/m²,
 - > the maximum height is 13cm, less than the required 25cm, to increase safety during hovering/ final approach operations,
 - > the two pivoting lamp holders provides the correct illuminations in any installation, aside from helipad shape and light positioning
 - > defenses on the lamp prevent the pilot from dazzling or direct light
- ▶ The floodlights are normally installed along the perimeter of the Touchdown and Lift-Off area. They can be fixed on a special base by means of screws or bolts, or directly to the ground and must be carefully oriented, in order to achieve the most effective spreading of the light.

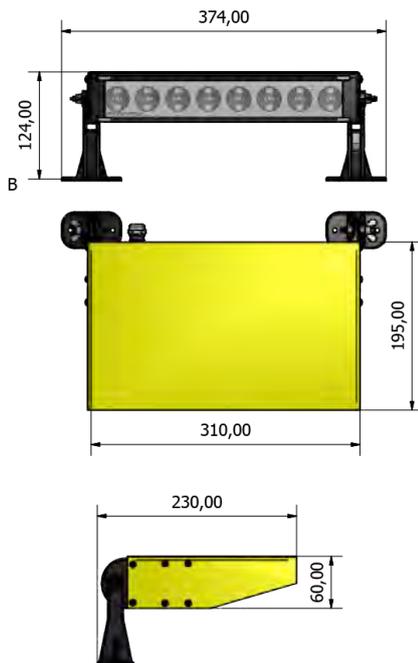


Heliport Series | Floodlight Helipad Lighting System



| Technical Data | |
|----------------|----------------------------|
| Body material | Powder coated aluminium |
| Body colour | Yellow aviation (RAL 1004) |
| Total power | 20W |
| Power supply | Standard: 230V AC |
| Driver | Included, inside body case |
| Disperser | Transparent polycarbonate |
| LEDs power | 2,5W |

Dimensions



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)

Light source characteristics

- ▶ LFixture Luminous efficiency: 120lm/W
- ▶ High power OSRAM LEDs
- ▶ Specially designed lenses
- ▶ Period of use of LEDs is minimum 50000 hours
- ▶ Light color: White - according to CIE Chromaticity Boundary

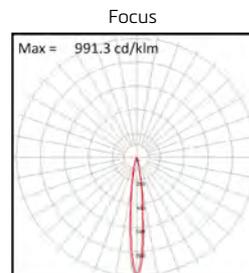
Technical characteristics

- ▶ The casing is made out of aluminum powder coated in electrostatic field
- ▶ All the external assembly elements are made of polycarbonate
- ▶ The disperser is made of transparent 3 mm polycarbonate, UV protected
- ▶ The degree of protection IP66
- ▶ The orientation system is hinge type which can be orientated to the desired angle
- ▶ The fitting is bolted on any flat surface
- ▶ Nominal operating temperature from -40 to +50 °C

Electrical characteristics

- ▶ Standard power supply is 230 V, 50/60 Hz
- ▶ Power cable length 2 m
- ▶ Electrical insulation resistance: I

Photometrics



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Heliport Lighting
Floodlight