

HFL010EX Helideck Floodlight



Overview

The Orga HF010EX helideck floodlight is used for illumination of the touchdown and lift-off area of helidecks, as per ICAO Annex 14 Vol. II chapter 5 and CAP437 requirements.

Application

Used for operation on elevated and non-elevated helidecks onshore and offshore in harsh environments. The lights give the pilots visual illumination of the helideck.

Technical Data/Characteristics

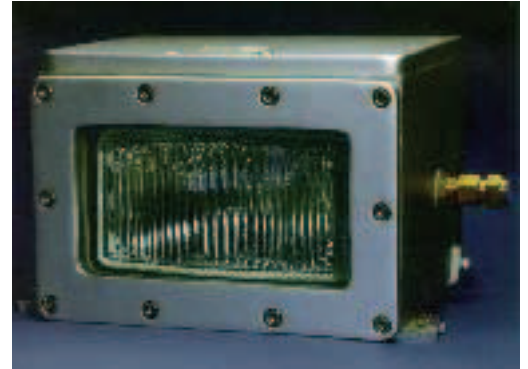
Effective intensity:	10 lux, with a uniformity ratio of not more than 8:1, when correct quantity of lights installed
Colour:	Clear
Lamp:	Quartz long life halogen lamp
Lamp life expectancy:	2000 burning hours
Power consumption:	Approx. 110 Watt
Operating voltage:	230Vac (170-265Vac 47-440Hz). Opt.: 85-132Vac or 230Vdc
Ingress protection:	IP67 (Design)
Base material:	Marine Bronze

Features

- Water tight
- Corrosion resistant
- Easy to install and maintain
- 2 entries for looping purposes
- Optional EEx-e junction box

Certificates

- Ex certificate for Zone 1 and Zone 2
- RLD approval



HFL010EX Helideck Floodlight



Type	: HFL010EX-120-AB; HFL010EX-230-AB; HFL010EX-24-AB
Make	: Orga
Purpose	: For use on elevated helidecks on Offshore platforms, specially when the helideck is the highest point and consequently there is no room for high floodlights.
Design	: As per ICAO Volume 2 Annex 14 and CAA (Civil Aviation Authority CAP437 requirements).
Approvals	: CAA (UK) and Directorate General of Civil Aviation (NL).
Standard EX	: Cenelec-EN 50014/18/19; ATEX Directive 94/9/EC
Protection EX	: II 2 G EEx d IIB T4 (EEx-de IIB T4, with junction box)
Suitable for zone	: 1 and 2
Certificate EX	: KEMA 02ATEX2059
Deck illumination	: 10 Lux on the entire helideck, with a uniformity ratio (average to minimum) of not more than 8:1, as per ICAO regulations, when using advised quantity of lights.
Ingress protection	: IP67 (Design)
Material	: Marine Bronze
Light source	: 55 W quartz long life halogen lamp
Operating voltage	: 230VAC (170-265VAC) 47-440Hz. Opt.: 85-132VAC or 230VDC
Power supply unit	: Provided, stabilized
Junction box	: EEx-e GRP junction box fitted to the fixture is available as an option .
Dimensions (lxwxh)	: Approx. 290 x 265 x 210 mm. (345 x 265 x 210 mm, with Junction box).
Mounting	: Three slotted holes \varnothing 12 mm
Cable entries	: 2 entries standard provided, M20X1.5mm
Cable looping	: Possible
Weight	: Approx. 31 kg

