

Elevated light EL425-LED

Omnidirectional inset light for heliport lighting

The inset lights type EL425-LED are omnidirectional inset lights for lighting of heliports and can be used in many applications.

Applications:

- Lighting of touch-down and lift-off area (TLOF)
- Lighting of final approach and take-off area (FATO)
- Approach lighting
- Aiming point
- Marking of the taxiway centrelines / taxiway edges
- Edge marking of apron

For using as TLOF-lights they are equipped with green LEDs and approve together with the flood lights OP425 the surface perceptibility of the touch-down and take-off area. The lights are equipped with a frangible coupling.

For other applications, for example FATO-lights, aiming point lights, marking of taxiways and apron the inset light is available also in the colours white, yellow and blue.

It has an excellent photometric performance obtained by the high-performance-LEDs and therefore a better luminous output in relation to a traditional lamp. Due to high optical stability no internal adjustment is necessary, the LED are positioned at factory and cannot be disturbed. The photometric data comply with ICAO Annex 14 Volume II.

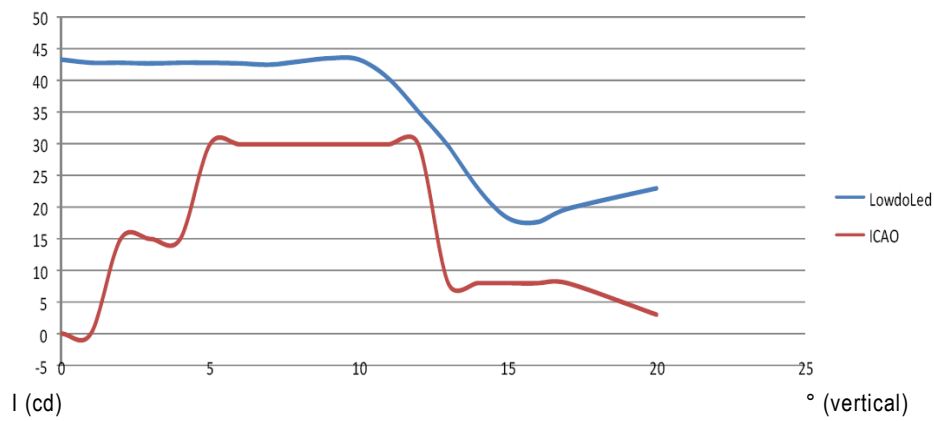
The elevated light EL425-LED is easily to maintain and to replace. The small dimensions and the light weight make an easy installation possible. The base body is made of aluminium (stainless steel on request available), the fixings are made of stainless steel.

The inset light can be installed at surface level and elevated heliports. several installation solutions are available.



Technical data:

- Input voltage 12 to 48 VAC/VDC or 110 to 230 VAC (with separate current regulator [CCR])
- Power consumption 10W
- Light source High-performance-LED
- Light intensity in 3 steps adjustable (with CCR)
- Average life time 40'000 hours
- Degree of protection IP 54
- Height 245 mm
- Diameter Ø 135 mm (base plate Ø 165 mm)
- Weight 1.6 Kg
- Photometric data:



Types:

- EL425-LED-G Colour green
- EL425-LED-W Colour white
- EL425-LED-Y Colour yellow
- EL425-LED-B Colour blue
- Other types on request (for example stainless steel)

In accordance with the following recommendations:

- ICAO Annex 14 Vol. II 5.3.3/5.3.6/5.3.7/5.3.9
- Helicopter Manual

