

## Heliport Surface Mounted Floodlight

Airfield Lighting Systems LED Heliport surface mounted floodlight for Touch down and lift-off area as identified by ICAO and FAA.

The surface mounted floodlight is one of the components of the Touchdown and Lift-off area lighting system. At elevated heliports and helidecks, surface texture cues within the TLOF are essential for helicopter positioning during the final approach and landing. Such cues can be provided using floodlights in addition to perimeter lights.

**20W Floodlight**



**60W Floodlight**



## Compliance



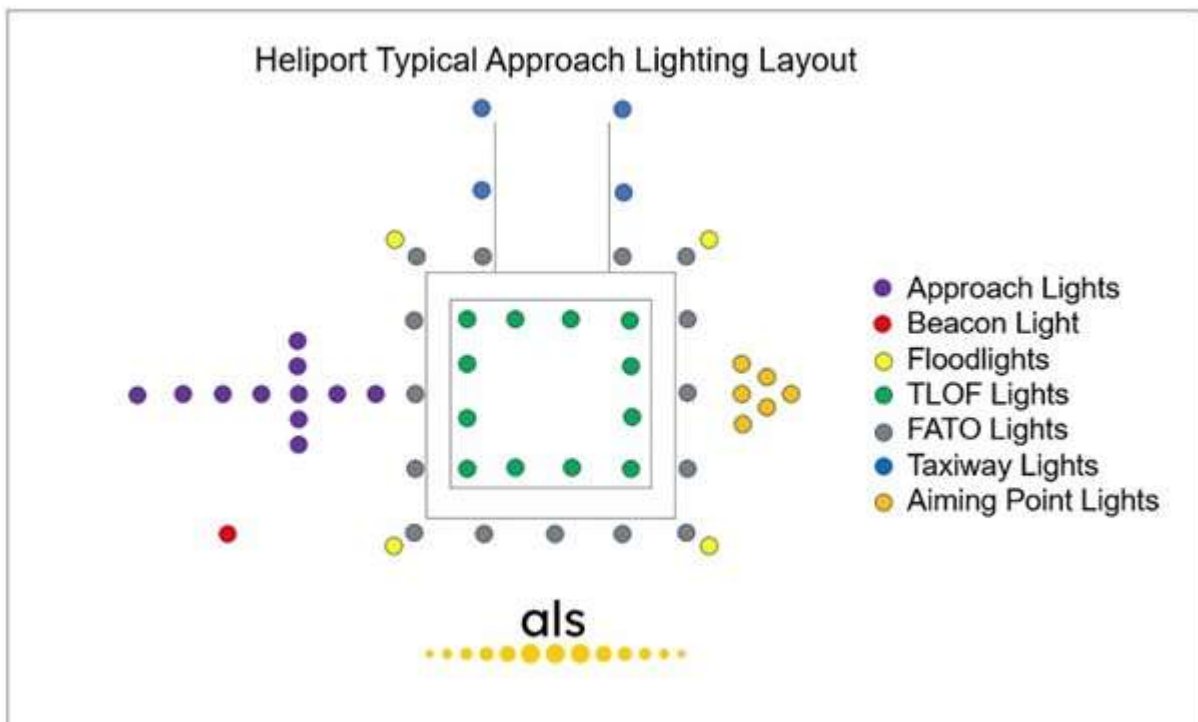
- ICAO Annex 14 Vol 2. Heliports
- ICAO Annex 14 Vol 1. Aerodrome design and operation
- IEC TS 61827 electrical installations for lighting and beaconing of aerodromes



## Features

- Efficacy 20W - 145 lm/w – 2320 lumens
- Efficacy 60W – 116 lm/w – 6658 lumens
- Cool White colour LED chips
- Beam Angle 23 degrees
- Protection Degree: IP66 certified
- Expected Life of LEDs:> 100.000h. Will not require any replacement for the whole life of the product
- CE certified
- Compact and low protrusion
- Optimized for integration in elevated Helipads
- Corrosion resistant anodized Aluminium-housing
- NVG Option available
- Ka Tested – Salt Mist in accordance with IEC 60068-2-11 and IEC 60068-2-25

## Lighting Layout





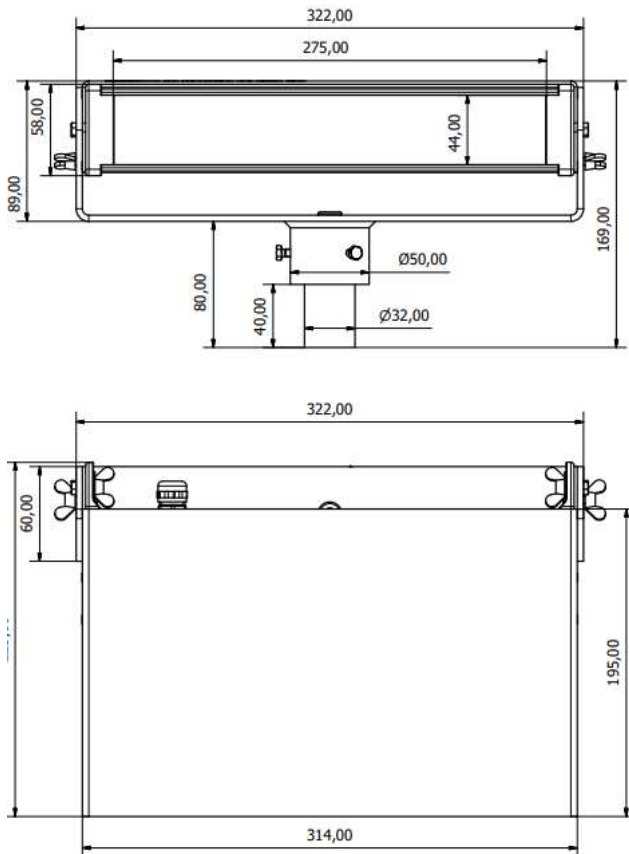
## Characteristics

- Power consumption: 20W or 60W
- Power supply 90-230V, 50/60Hz – non dimmable
- Housing – powder-coated aluminium, RAL 1004 (aviation yellow)
- Anti-glare visor – powder-coated aluminium, RAL 1004 (aviation yellow)
- Diffuser – 3mm clear polycarbonate
- Cable gland – nickel-plated brass
- Fastening system – powder-coated aluminium, RAL 1004 (aviation yellow)
- Fasteners – stainless steel
- Light fixtures are provided with anti-condensation valve
- Light fixtures are UV protected

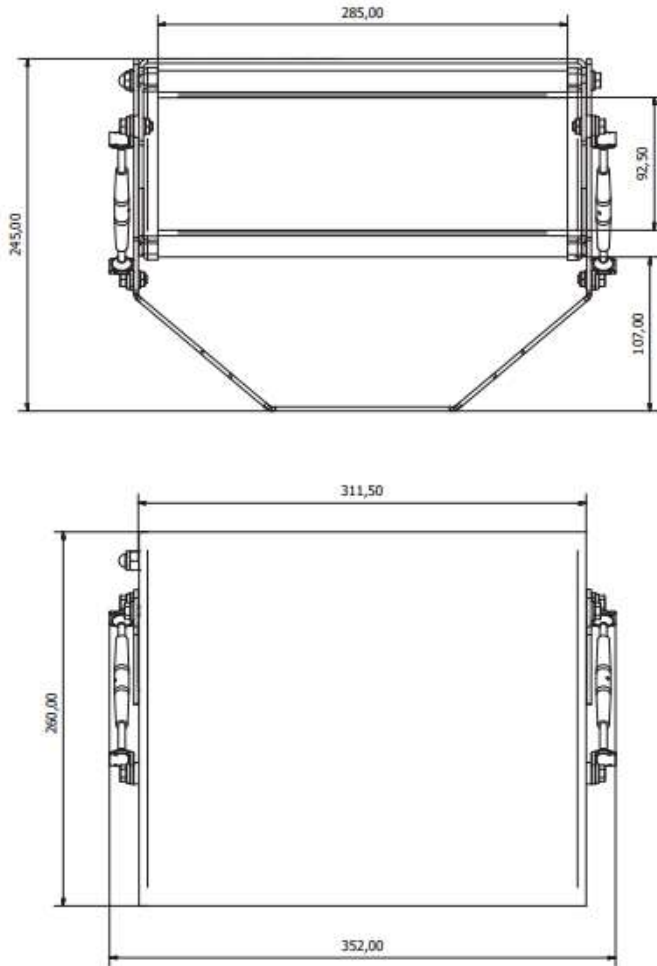
## Dimensions

Type	Lumens	Length	Width	Height	Weight
20W	2320 lumens	322	225	169mm	2.2Kg
60W	6658 lumens	352	260	245mm	4.25Kg


## Line Drawing 20W



### Line Drawing 60W




### Accessories

Description	Code	Image
Φ32mm Coupling Tube <i>*Not suitable for 60W</i>	AL0100-AX	

<p>Frangible Coupling  <i>*Not suitable for 60W</i></p>	<p>AL-101-AX</p>	
<p>Φ260mm Base Plate  <i>*Not suitable for 60W</i></p>	<p>AL-102-AX</p>	
<p>Mounting flange  <i>*Not suitable for 60W</i></p>	<p>AL103-AX</p>	
<p>Standard Φ160mm          Shallow Base</p>	<p>AL-104-AX</p>	
<p>Adapter Ring for 8"          Shallow Base</p>	<p>AL-105-AX</p>	
<p>Φ160mm Surface          Mounted Base</p>	<p>AL-106-AX</p>	



IP68 Electrical Junction Box	AI-107-AX	
Φ160mm Shallow Base Installation Jig	AL-108-AX	