

► **FEATURES**

- A thermostatically controlled heater is provided to prevent the accumulation of snow and ice from covering the light output (optional)
- Designed for durability and withstanding shock and vibration
- Omnidirectional, 8" dia.
- Drop-forged dome and cast aluminum lower cover make the fitting sturdy, but lightweight too for ease of handling in the field
- The flat surface of the dome ensures that rough weather conditions do not impact the light output
- Protection degree: IP68
- Temperature range: -55°C to +55°C

► **INSTALLATION**

Suitable for 8" dia. Bases
 Adaptor ring for installation on 12" dia. bases
 Specific tools available for easy and precise installation

► **COMPLIANCES**

- ICAO** Annex 14 - Volume II
- IEC** TS 61827
- NATO** STANAG 3619

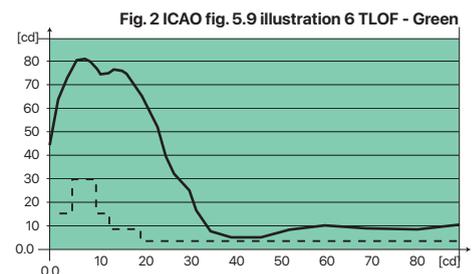
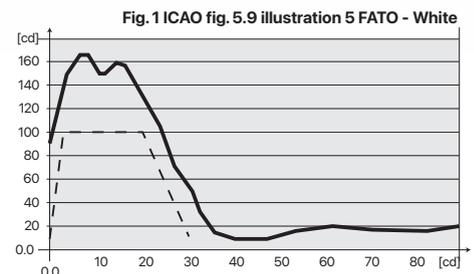
► **BENEFITS**

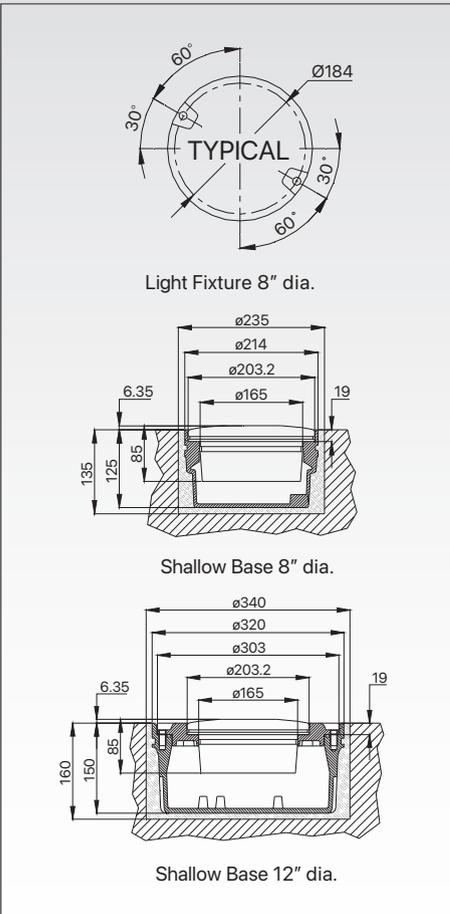
- Average LED life of 60000 hours at full intensity, but over 100000 hours in typical operating conditions
- Very low energy consumption compared to halogen lights which result in the lower size of CCRs and transformers
- Low life cycle costs due to long LED lifespan
- The LEDs emit light directly, without the need for colored filters, eliminating color shifts and energy losses
- Designed with simplicity allowing longer maintenance intervals and fewer spare parts
- No optical adjustment after LED module or lens array replacement

► **APPLICATIONS**

- Touchdown and Lift Off area (TLOF)
- Final Approach and Take Off area (FATO)
- Aiming Point

► **PHOTOMETRIC PERFORMANCE**

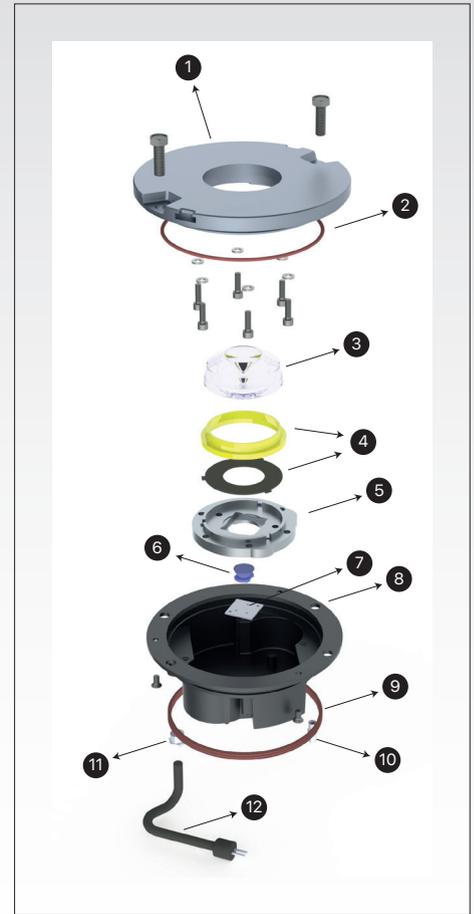




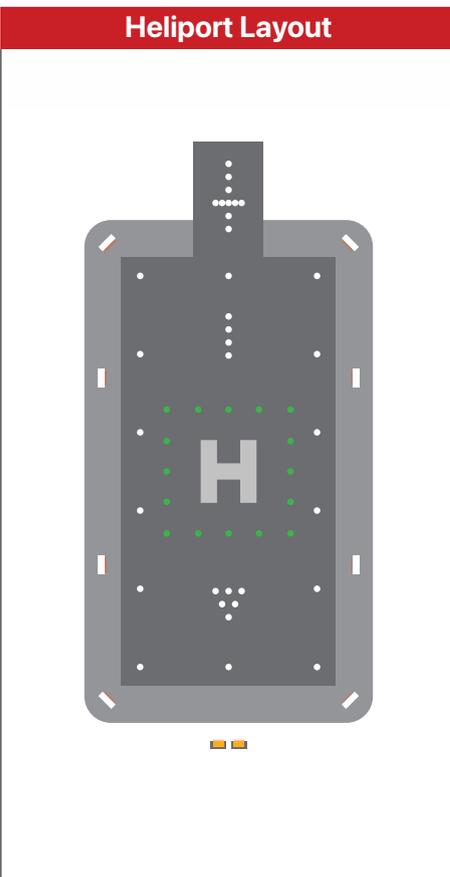
MAIN COMPONENTS OF THE LIGHT UNIT

- 1 : Dome (Upper Cover)
- 2 : O-Ring for dome
- 3 : Prism
- 4 : Prism Gasket
- 5 : LED holder
- 6 : Optical Lens
- 7 : LED Module
- 8 : Lower cover with electronic
- 9 : Lower cover gasket
- 10 : Valve for Watertightness Test
- 11 : Gland
- 12 : Plug

** Refer to the relevant technical manual for the complete list of the available spare parts*



POWER FACTOR		
Input Step	2.8A	6.6A
Power Factor	0.96	0.98



POWER CONSUMPTION	
Electrical System	1 Plug
Omnidirectional 8" (w/o Arctic Kit) - 6.6 A	10 VA
Omnidirectional 8" (with Arctic Kit) - 6.6 A	30 VA
Omnidirectional 8" (w/o Arctic Kit) - 220 V	8 W

SHIPPING WEIGHTS & VOLUMES			
	Light Unit	Shallow Base	Light Unit & Adaptor Ring
Weight(kg)	3.0	3.2	6.15
Volume(m³)	0.007	0.007	0.013

