

LED Elevated Heliport Light

Compliances:

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

Manual:

- Instruction Manual **UT-MT-0708**



Performances and benefits:

- The LHE fixtures are of the **low intensity, omnidirectional, elevated** heliport lights.
- Designed to **replace the existing halogen and incandescent** elevated heliport lights.
- These fixtures are designed to be powered by series circuits or parallel circuits.
- **Daytime recognition** thanks to the colored locking ring of the glass.
- Thanks to the **long life** of the LED (60,000 hours at the top brightness step or far over 100,000 hours in normal operating conditions) the maintenance activities are extremely reduced and the safety of the airport operations is considerably increased.
- The LED emission directly ensures the correct colour. Coloured filters are not required, therefore **no colour shifts** are noted when viewed at various angles or under temperature/current variations.
- The optional **arctic kit**, thermostatically controlled, **prevents ice and snow build-up** like a traditional fixture.
- The lights are provided with a **surge protection device**, as required by the FAA "Engineering Brief No.67".
- The possibility of installation on existing base plates, stakes or elbows gives the possibility of a progressive **replacement of the existing lights**.
- A new installation with LED lights means lower loads and therefore low-sized CCRs and transformers, thus allowing **significant savings on installation and management**.

Features:

- The body is balanced on the stake through tree levelling screws.
- Adjustable height.
- Standard with G 2" breakable coupling, but available with 1"1/2 - 12 UNF one and 2" - 11 1/2 NPS one on request.
- Lens with external smooth surface to prevent dirt deposit.
- The lens is mechanically secured to the body by metal threaded ring with flat gasket. Replacement is quick and easy.
- No optical adjustment is required after the replacement of LED or lens.
- Fixture energy consumption: typically 12 VA. Arctic kit consumption: less than 12 VA.

Luminous Sources:

- Six green, white or yellow LEDs.
- Dedicated optics to collect the LED luminous flux and maximize the light output.

Electronics:

- Internally mounted, protected against water and de-icing agents.
- Strong-built, highly resistant to shock and vibration.

How To Order:

LHE - I - G - S - 25 - C - P - 0

Basic P/N: _____

Compliance: _____
 I = ICAO - IEC
 S = STANAG

Colour: _____
 C = Clear
 G = Green
 Y = Yellow

Mode: _____
 S = Series circuits
 D = Parallels circuits 48V

Height (installed on a pipe elbow): _____
 00 = w/o pole
 25 = 250 mm
 28 = 280 mm
 32 = 320 mm
 35 = 350 mm

Breakable coupling: _____
 0 = w/o breakable coupling
 A = 1" 1/2 - 12 UNF
 B = 2" - 11 1/2 NPS
 C = 2" Gas

Power Supply: _____
 L = Cable Leads (L = 2 m)*
 P = Cable Lead with plug (L = 20 cm)*

Arctic kit: _____
 0 = without arctic kit
 1 = with arctic kit

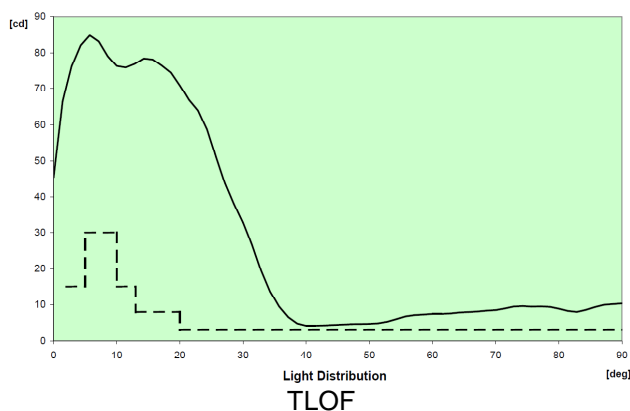
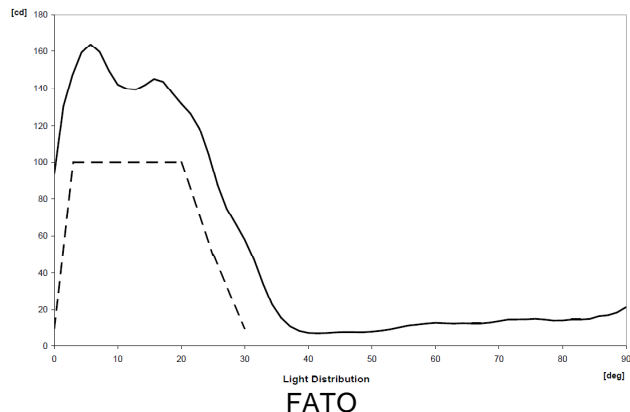
* Exceeding over the breakable coupling.

Colour Selection				
SPECS	USE	COLOUR		
		CLEAR	GREEN	YELLOW
ICAO	FATO	X		
ICAO	Heliport Edge TLOF		X	
STANAG	Heliport Edge TLOF			X
STANAG	Landing Direction			X

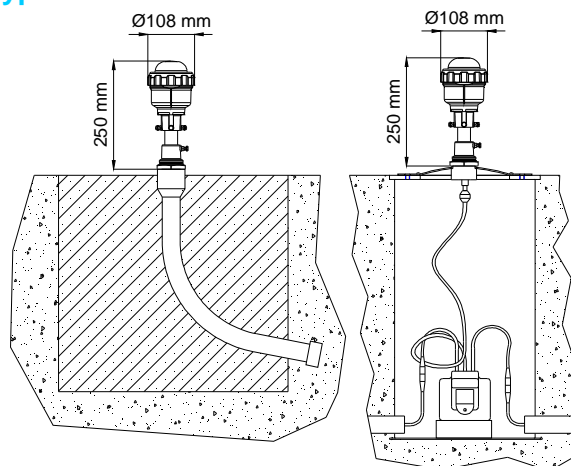
Power Supply:

- Through transformer suitable for parallel circuit or directly in low voltage with no transformer use.
- Standard 30/45 W isolation transformer for series circuits.

Photometric distribution:



Typical installation:



Shipping Weight and Volume:

	Light Unit, 250 mm height
Weight (kg)	1.3
Package Dimension (cm)	26 x 12.5 x 13.5
Volume (m³)	0.004

Accessories:

[P/N]	Description
011.1521	Transformer for parallel circuits 25W 230/48V
011.1522	Transformer for parallel circuits 25W 400/48V
011.1523	Transformer for parallel circuits 50W 230/48V
011.1524	Transformer for parallel circuits 50W 400/48V
013.0008	Galvanized steel pipe elbow with upper threaded end only (2" - 11 GAS thread)
315.3210	Galvanized steel pipe elbow with both threaded ends (2" - 11 GAS thread)
013.0010	Set of two nylon rings for receptacle support inside pipe elbow
315.1228	Base L-867, Class IA, Size B, 24" Deep
315.1062	Baseplate for L-867 base with gasket and cable clamp (2"-11 GAS thread)
315.1065	Baseplate for L-867 base with gasket and cable clamp (2" - 11 1/2 NPS thread)
315.1072	Baseplate for L-867 base with gasket and cable clamp (1"1/2 - 12 UNF thread)
152.5721	Tripod for fixture complete with ring nut 2" Gas and grounding hardware.
323.2390	L-823 two-pole socket 1,5 m long.
332.3500	Levelling device



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