



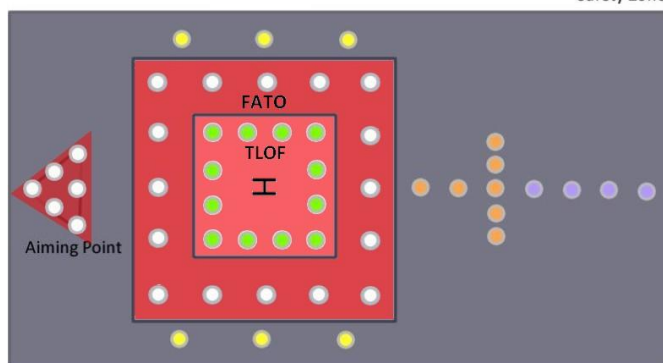
Designed and made in Switzerland

HeLow

*Elevated LED light + Infrared
for heliport*



Safety Zone



USES	TLOF FATO Aiming point Taxiway edges
STAC CERTIFICATE	2025-024/HEL (green, white, blue, infrared)

PRODUCT SUMMARY

Design:	Inset LED light	Warranty:	48 months by standard exchange
Material:	Aluminium or stainless steel	Power supply:	48 VDC 230VAC (with external driver)
IP Rating:	IP 68	Power:	Max 15W
Couleur :	Blanc, vert, bleu	Standards:	ICAO Annex 14, Vol II
NVG* Enhanced:	Infrared included	Brightness control:	10%-30%-100%
		LED lifetime:	>80 000 hours
		iControl:	Optional

*Night Vision Goggles

Elevated infrared light HeLow

The HeLow is a low profil elevated LED light that comply with the 50mm rules of the ICAO Annex Vol II (2022). This light is ideal for a platform installation.

The HeLow simply fixes directly to the ground. There's no need to install a flush-mounting base. It can also be easily mounted on an aluminum deck. The HeLow can also greatly simplify upgrading your existing installation. The cable exit is on one side, but a lower cable output is available as an option. It also includes an InfraRed light source for pilot flying with NVG.

InfraRed

Special care has also been taken with the infrared part: the diffusion angles of the IR are identical to the visible light (ICAO). This guarantees the pilot using NVGs a safe vision in all circumstances

Quality

This lamp is made of aluminium (optional stainless steel), the glass is made of high-quality Schott borosilicate, all screws and bolts are stainless steel. This product does not contain acrylic glass, PMMA, or glues. The LEDs, electronic components and all other components have been selected for their quality from leading manufacturers.

Resistance and waterproofness

The mechanical resistance is twice as high as the current standards (more than 10'000 kgs on the glass). The waterproofness of the HeLow is based on the principles that have made the reputation of Aerolighting lights: no infiltration of moisture or water in all circumstance and for many years and without maintenance.



Control of HeLow lighting

All heliport lighting units, whether inset or elevated as well as floodlights and wind direction indicators, can be powered and controlled by a dedicated power cabinet. **PROMIC designs and manufactures all electrical control cabinets for helipad lighting at its workshop in Saint-Chamond (42).**

The lighting can be controlled manually (via the cabinet front panel or remote-control units) or remotely using **Pilot-Controlled Lighting (PCL)** or an SMS-based control system. The cabinets are **custom-designed** and built to meet the specific requirements of each project and user.

Ordering code:

HeLow - **G** - **AL**

Type	Colour	Material
HeLow	-G: Green -W: White -B: Blue	-AL: Aluminium -IN: Stainless steel Inox 1.4404 ou 1.4435

Technical data:

Mechanical characteristics:

Body material	Aluminium anodized or stainless steel, borosilicate glass
Diameter	Light: 125mm – Fixing plate: 170mm
Height above ground	47mm
Weight	1.5 kg
Temperature	-35° to +50°
Protection class	IP68
Isolation : water/humidity	WatBar – Physical insulation between the “connection room” and the light
Note :	No glued parts, no PMMA, no acrylic glass parts

Optical characteristics (visible):

Technology	High Power LED
Light source	Aerolighting HELI-8 LED engine
Colour	Green / White / Blue
Intensity (white)	100 cd at 0° elevation (ground level)
Horizontal output	360°
Intensity level	100% - 30% - 10% (with LBR-II module)
LED lifetime	> 80 000 hours

Optical characteristics (infrared):

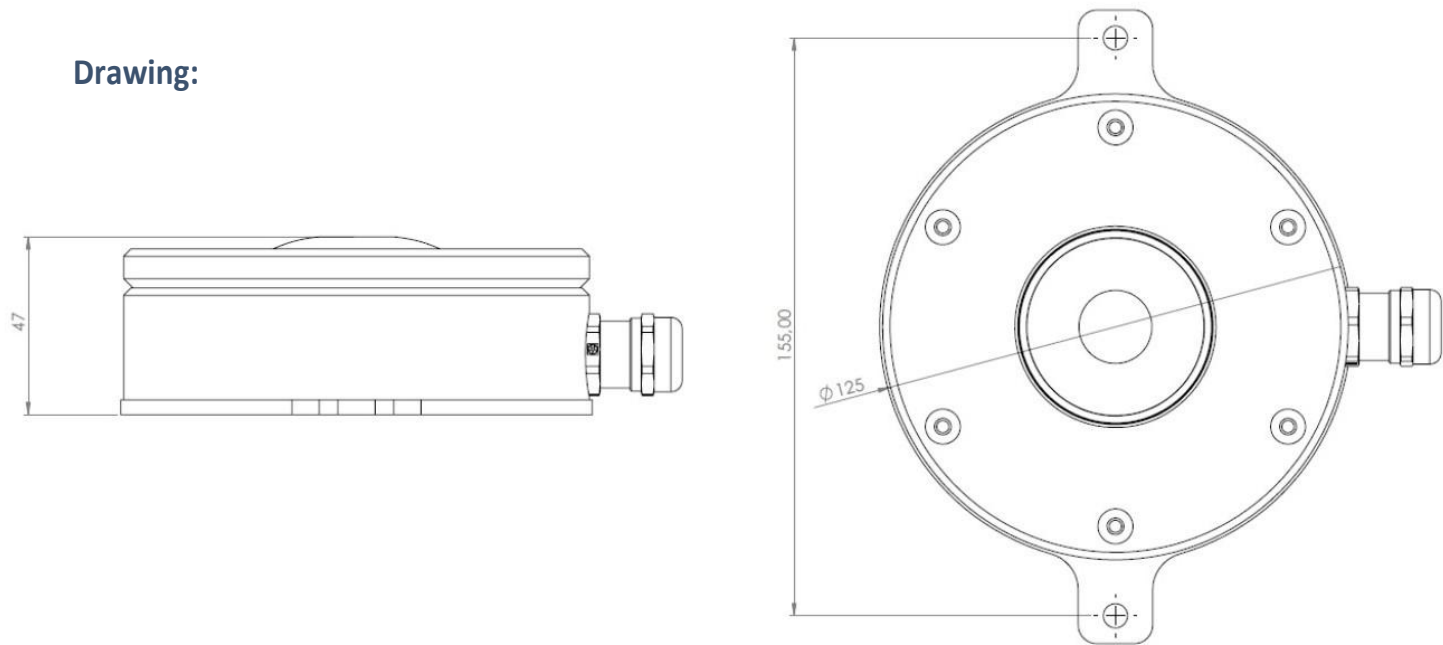
Technology	High Power LED
Light source	Aerolighting HELI-8 LED engine
Wavelength	850nm (central) +/-30nm
Intensity (white)	Up to 180mw/sr at 0° elevation
Horizontal output	360°
Intensity level	100% - 30% - 10% (with LBR-II module)
LED lifetime	> 80 000 hours

Electrical characteristics:

Power supply voltage	48 VDC or 110 to 240 VAC with external driver
Power	Max 15W (white) / 9 W (other)
Brightness regulation (visible)	LBR II module
Type of cable	4x1.5mm ² (if LBR-II is not used, only 2 wires are connected)
Note :	this light can be used only by connecting 48V without any regulation (only ON/OFF)

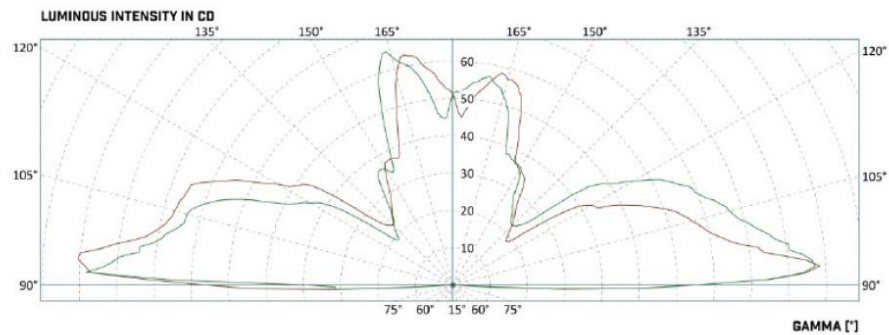


Drawing:

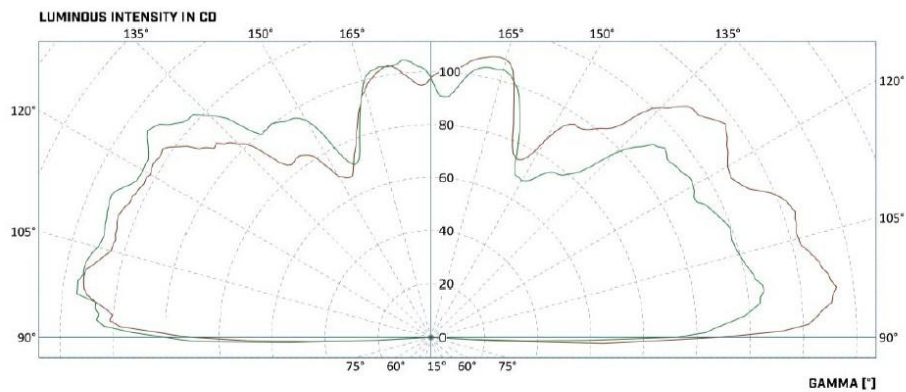


Photometric data:

ICAO – Green



ICAO – White



INFRARED (integrated with all colors)

