




POINT HELIPORT LIGHTS PLL LED HELIPORT LOCATOR LIGHT

Compliances: ETL Listed to UL 1598A Marine Vessels at -40 deg C to +55 deg C
 ETL Listed to CSA C22.2 No. 137-M1981 & No. 250.0-08 Canada
 Registered ISO 9001: 2015



Flashing Beacon for Pilot Acquisition of Heliport Site

The PLL flashing Heliport Locator Light is used as a supplementary marker for local visual acquisition of the heliport site. It is an economical solution to visually assist the pilot who has arrived in the general area of the heliport site. The PLL may be mounted at the heliport or on an adjacent building or remotely as an outer marker to acquire the preferred approach where lead-in lights are not practical. It is not intended as a substitute for a heliport identification beacon when long range site acquisition is needed.

Point Type	Voltage	LED Array	Color	Mounting	Options
PLL-21005 	1: 120v	C: Type C	G: Green	34B: ¾-inch, Bottom	LC: Colored Lens
	2: 220v	N: NVG *	Y: Yellow	10B: 1-inch, Bottom	S1: Flashing
	3: 12v DC		W: White	M20B: Metric	S1.3: Junction Box
	4: 24v DC		B: Blue	SF: Slipfitter 2.375-in	NC: NVG Compatible
	6: 277v		IR: Infrared *	(60 mm)	

* Tactical; for NVG use only

PLL SPECIFICATIONS

The PLL LED Heliport Locator Light shall be (specify: voltage) 50/60 Hz and shall flash. The light shall operate properly within an input voltage supply range of +/- 20% for 120V units (93V to 144V) and for 220V units (176V to 265V). Within the preceding ranges, the output to the LED board shall be a controlled, stabilized constant current.

The flash rate shall be a duty cycle of 1.33 second ON and 0.67 seconds OFF.

The light shall be listed *Suitable for Use in Wet Locations* to UL1598A Marine Vessels, UL1598 2nd Edition Luminaries; CSA C22.2 No. 250.0-04, 2nd Edition; UL50 11th Edition Standard for Enclosures for Electrical Equipment and CSA C22.2 No. 94-M91 Special Purpose Enclosures. Sealed to IP66 ingress protection.

The unit shall have passed the FAA certification tests: the constant high temperature test to +130 deg F (+55 deg C) and the constant low temperature test to -67 deg F (-55 deg C) conducted in accordance with US MILSTD-810F, Method 501.4, Procedure II; the wind-blown rain test conducted in accordance with US MIL-STD-810F, Method 506.3, Procedure I; and the humidity test shall be in accordance with US MIL-STD-810E, Method 507.3, Procedure I. The complete test regime shall exceed the requirements of NEMA 4X and IP 66. The light head shall be Marine Treatment yellow for corrosion resistance certified by the manufacturer to comply with the US Military Standard Salt Fog Test conducted per MIL-STD-810F, Method 509.4, Procedure I, paragraph 4.5.2.

The color emitting LEDs shall meet the chromaticity requirements of US MIL-C-25050. The high output LEDs shall not exceed five (5) in number and shall be the latest technology providing uniform light output over the range required by the governing standard. The LED average life shall exceed 100,000 hours. The power supply board shall include short circuit and open circuit protection and the unit shall be protected from line surges by metal oxide varistors (MOVs). The lights shall have the power supply and flasher board sealed in the fixture casting.



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