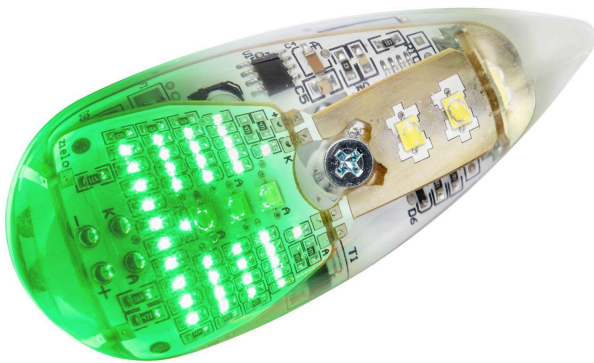


ENGINEERED IN POLAND

Navigator Ultra

Wingtip navigation and strobe light. No controller box.



1 - General information

Navigator Ultra is a pair of wingtip lamps that combines two light functions in one epoxy capsule: a navigation light — red on the left wing, green on the right — and a synchronized white strobe. The strobe controller sits inside the lamp, so there is no external box to mount and no extra loom to route.

The monolith encapsulation resists water, vibration and UV, and the electronics are protected against reverse polarity. Intended for ultralight, experimental, KIT, gyrocopter and rotorcraft aircraft.

- Strobe controller in lamp
- Reverse polarity protection
- Strobe synchronization
- 2-year warranty

2 - Technical data

LIGHT FUNCTIONS

Navigation light	YES · RED / GREEN
Strobe light	YES · WHITE
Navigation light angle	220°
Navigation luminosity · per lamp	450 LM
Strobe luminosity · 2 lamps	5000 LM
Strobe frequency	100 FLASHES/MIN
Strobe control unit	BUILT INTO LAMP
Strobe synchronization	YES

ELECTRICAL

Operating voltage range	12 – 14.5 V DC
Current · navigation, 2 lamps	0.3 A
Current · strobe, 2 lamps	3.5 A PEAK
Input power · navigation, 2 lamps	4.7 W
Input power · strobe, per lamp	24 W PEAK
Wiring requirement	0.5 MM ² CABLE
Reverse polarity protection	YES

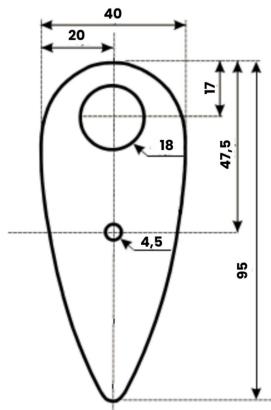
MECHANICAL & ENVIRONMENT

Dimensions	95 × 40 × 27 MM
Weight · 2 lamps	160 G
Encapsulation	UV-RESISTANT EPOXY MONOLITH
Operating temperature range	-35 °C ... +60 °C
Vibration resistance	YES
Water resistance	YES
Warranty	2 YEARS

3 - Drawing

All dimensions in millimetres. Drawings are not to scale.

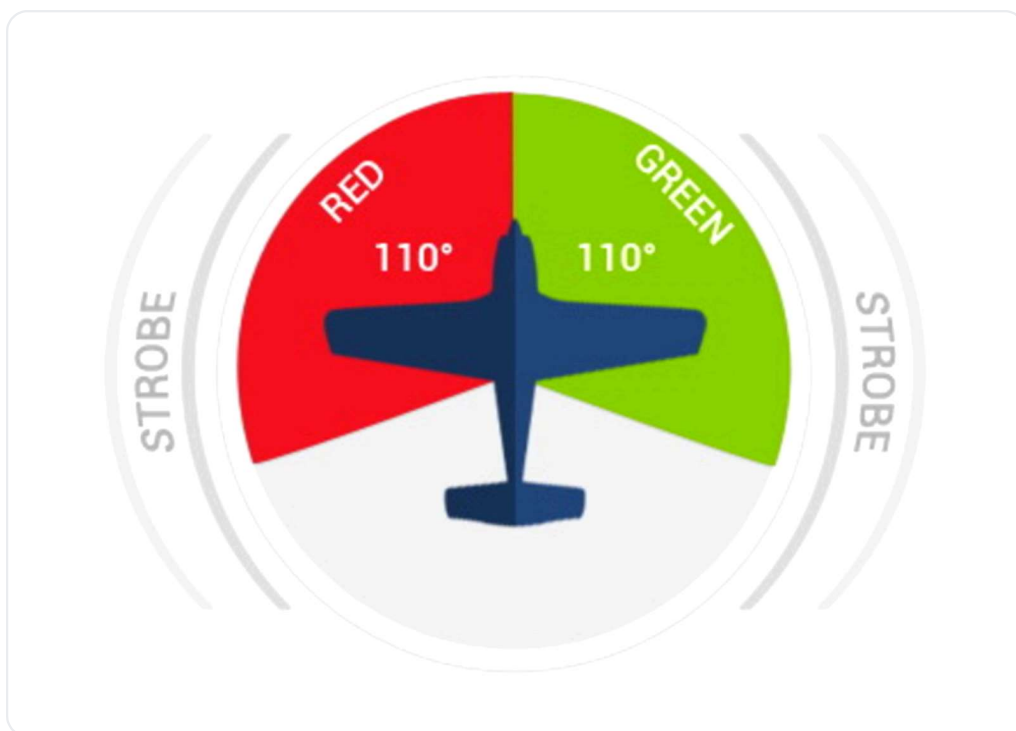
TOP VIEW · MOUNTING



SIDE VIEW

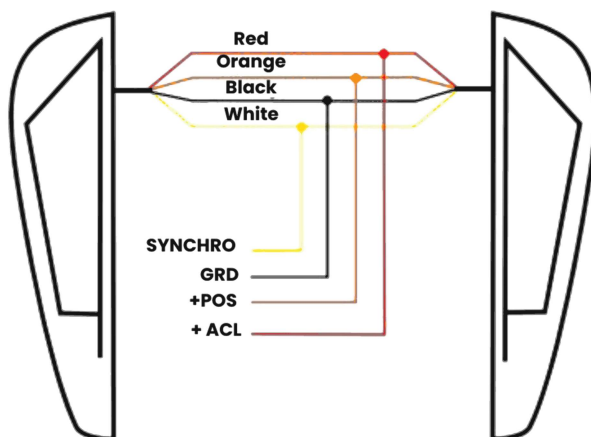


4 - Light distribution



5 - Connection and wiring

LAMP LEADS



AIRCRAFT WIRING

