ENGINEERED IN POLAND

Red Eye

28 V SYSTEM

Red anticollision beacon. 360° coverage, no controller box.

1 · General information

Red Eye is a single red anticollision beacon in one epoxy capsule, flashing 360° around the aircraft. The flash controller sits inside the lamp, so there is no external box to mount and no extra loom to route; a synchronization lead keeps the beacon in step with the other AvioLights strobes.

The lamp mounts on a 46 mm hole spacing and stands 34 mm tall. 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.

- 360° beacon coverage
- Reverse polarity protection
- Flash synchronization
- 2-year warranty

2 · Technical data

LIGHT FUNCTIONS

Beacon light	YES · RED
Beacon light angle	360°
Beacon light luminosity	800 LM
Beacon light frequency	100 FLASHES/MIN
Flash control unit	BUILT INTO LAMP
Flash synchronization	YES

ELECTRICAL

Operating voltage range	24 – 28 V DC
Current · beacon, peak	0.6 A PEAK
Current · beacon, average	0.05 A
Input power	17 W PEAK
Wiring requirement	0.5 MM² CABLE
Reverse polarity protection	YES

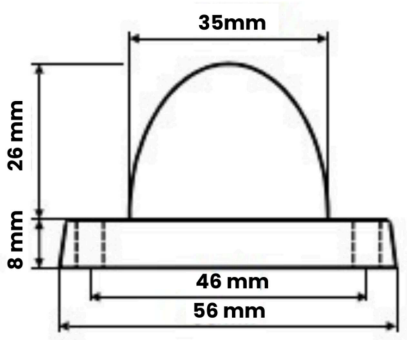
MECHANICAL & ENVIRONMENT

Dimensions	56 × 37 × 34 MM
Weight	40 G
Encapsulation	UV-RESISTANT EPOXY MONOLITH
Operating temperature range	−35 °C … +60 °C
Vibration resistance	YES
Water resistance	YES
Warranty	2 YEARS

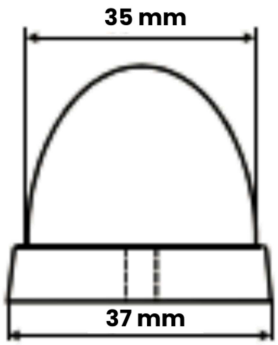
3 · Drawing

All dimensions in millimetres. Drawings are not to scale.

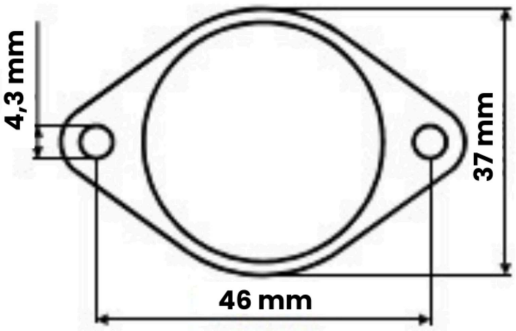
SIDE VIEW



FRONT VIEW



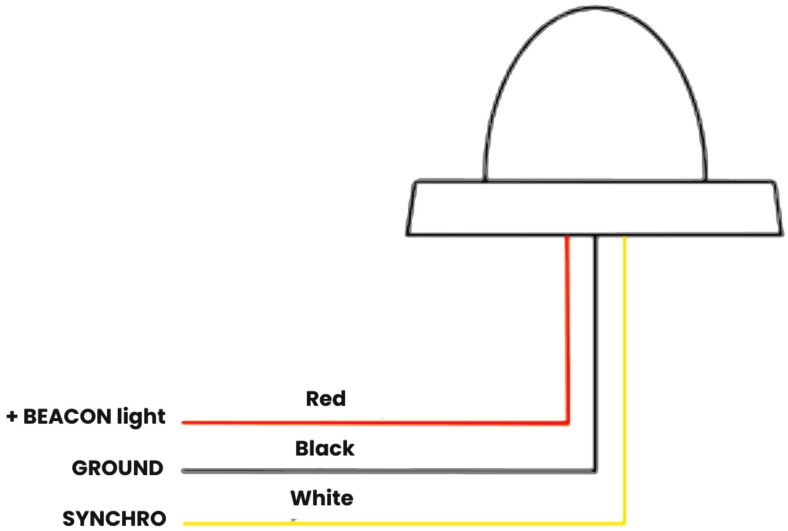
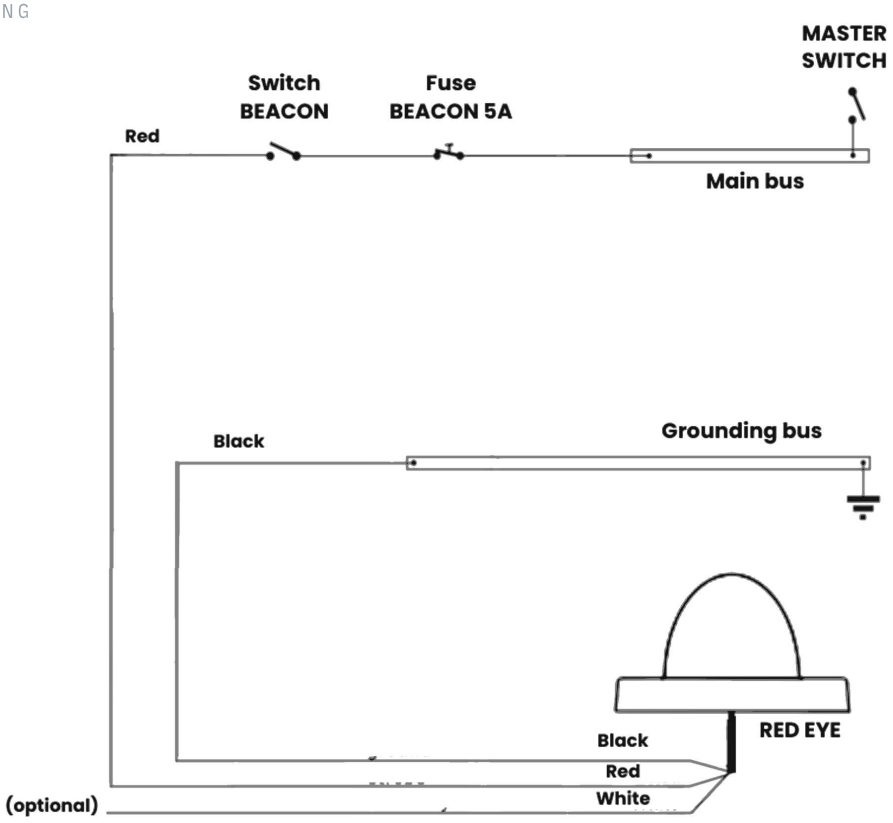
MOUNTING FOOTPRINT



4 · Light distribution

5 · Connection and wiring

LAMP LEADS



AIRCRAFT WIRING