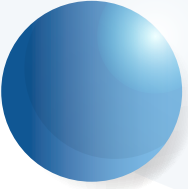




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Dudullu OSB 3. Cad. Saraçoğlu
İs Merkezi No:5/37-38 Ümraniye-
İSTANBUL



OPT-01LT DUAL AVIATION WARNING LIGHT

General

Optima Aircraft Warning Lights are produced in accordance with ICAO Annex 14 and FAA-L810 standards for use in various areas such as telecommunication towers, high-rise buildings, wind turbines, chimneys, tower cranes, power transmission lines, etc. Night and day detection is facilitated through microprocessor and photosensor sensors integrated into the fixtures. As the sky darkens, the system activates controlled by the photosensor, and it automatically deactivates when the sky brightens. Each fixture is equipped with two separate arms, with the first arm's lamp operating while the lamp in the second arm remains on standby. In case of any malfunction in the active lamp, a warning is sent to activate the lamp in the other arm after a 3-second delay.

Functions and Features

- Better light distribution thanks to the special optical design.
- LED technology, low power consumption, high efficiency, and long lifespan.
- Corrosion and impact resistant, UV protected polycarbonate light enclosure.
- Aluminum body.
- EMC Compatibility, RF protection..
- Ease of installation and assembly
- LED lifespan of 100,000 hours, exceeding 10 years.
- Error warning outputs
- Red, White, Yellow, Blue, and Green color options.
- 2-year warranty.
- CE Certificate, ISO 9001

Installation and Operation

- Inspect the product visually to ensure it is undamaged.
- Read the user manual that came with the product.
- Verify that the supply voltage is correct.
- Make the correct connections to the terminals attached to the cables at the lamp output.
- Tighten the screws between the lamp body and the base.





OPT-01LT DUAL AVIATION WARNING LIGHT

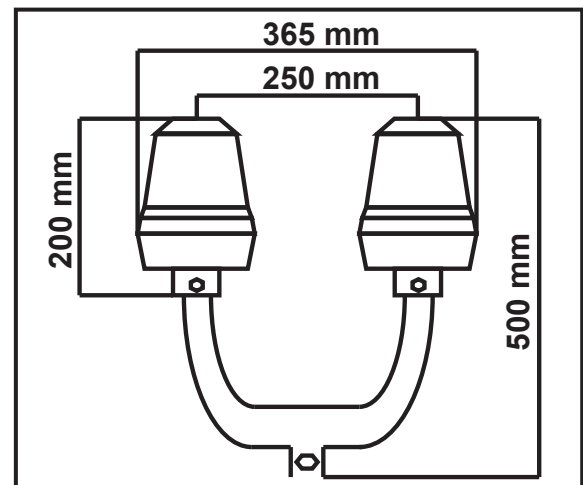
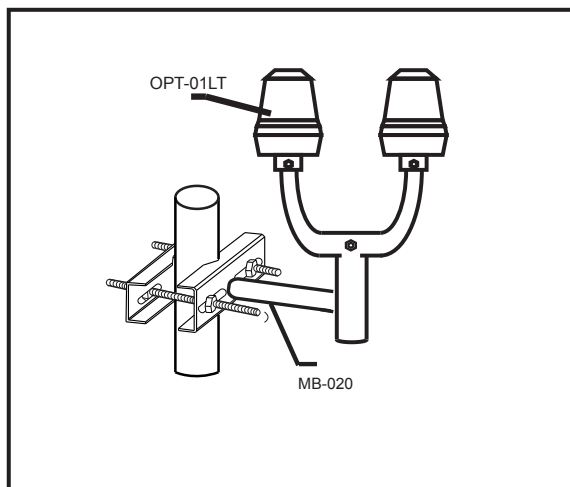
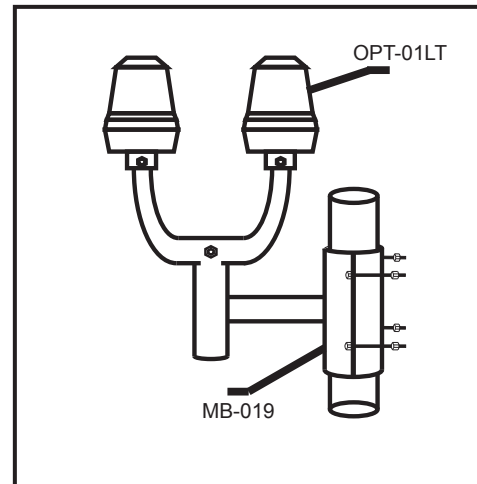
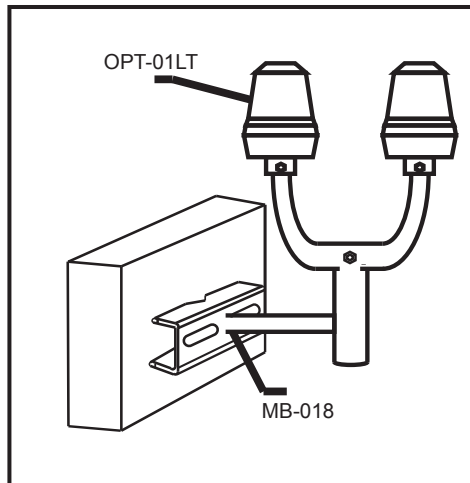
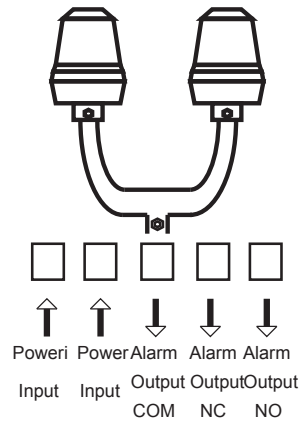
Standard:	ICAO (Aerodromes Annex 14) ve FAA-L810
Led Count:	140 Ultra Bright LED
Total Candela:	>32,5 (130 cd)
Visibility Range:	10 Km in Dark and clear environment conditions
Visibility Angle:	Horizontal Angle: 360 ° Vertical Angle: <10
Light Color:	Aviation Red (optional: white, yellow, blue, green)
Led Life:	100.000 hours
Blink Life:	20-40 times per minute (optional: fixed light model)
Operating Voltage:	DC12V~DC60V, DC12V, DC24V, DC48V, AC110V~AC220V
Working Times:	Activates automatically according to light level
Alarm Output	Dry Contact Output. Normally Open or Normally Closed (Optional)
Energy consumption:	6~7 Watt/hour
Frequency:	50Hz ~ 60Hz
Relative humidity:	% 10 ~% 95 (non-condensing)
Operating temperature:	-55°C ~ +85°C
Protection Class:	IP-66
Light Chamber:	Polycarbonate (Red) resistant to heat, frost and ignition
Wind Speed Resistance:	≥240km/h
Weight:	2.8kg
Dimensions:	365mmx500mm
Warranty:	2 years





OPT-01LT DUAL AVIATION WARNING LIGHT

CONNECTION DIAGRAM



AIRCRAFT WARNING LIGHT

