



OPTİMA
ELECTRONIC



info@optimaelektronik.com.tr



+90 216 364 09 20



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



OPT-04LS SINGLE AVIATION WARNING LIGHT

General

Optima Aircraft Warning Lights are produced in accordance with ICAO Annex 14 and FAA-L810 standards. Thanks to the microprocessor and photosensor sensors on the fixtures, night and day detection is performed. As the sky darkens, the system activates controlled by the photosensor, and it automatically deactivates when the sky brightens.

Functions and Features

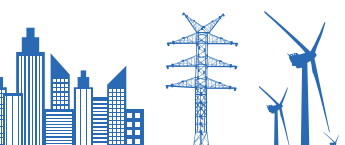
- Better light distribution thanks to the special optical design.
- LED technology, low power consumption, high efficiency, and long lifespan.
- Corrosion and impact resistant, UV protected polycarbonate light enclosure.
- Aluminum body.
- EMC Compatibility, RF protection.
- Ease of installation and 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 Certificate

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.

Application Areas

- Telecommunication Towers.
- Radio Towers.
- Wind Turbines.
- Chimneys.
- High-rise Buildings.
- Tower Cranes.
- Power Transmission Lines.
- Large-scale Bridges and Port Machinery.





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TECHNICAL SPECIFICATIONS

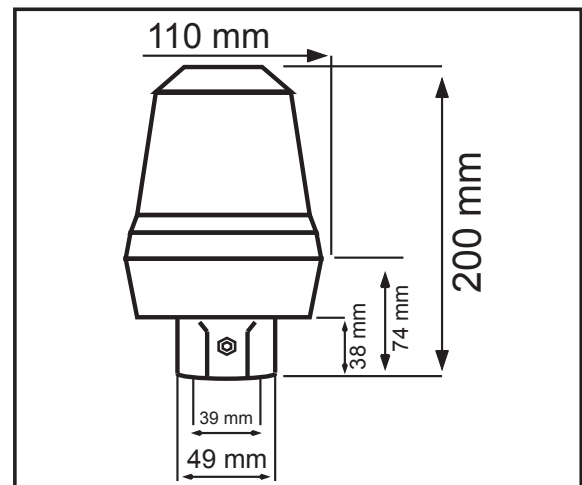
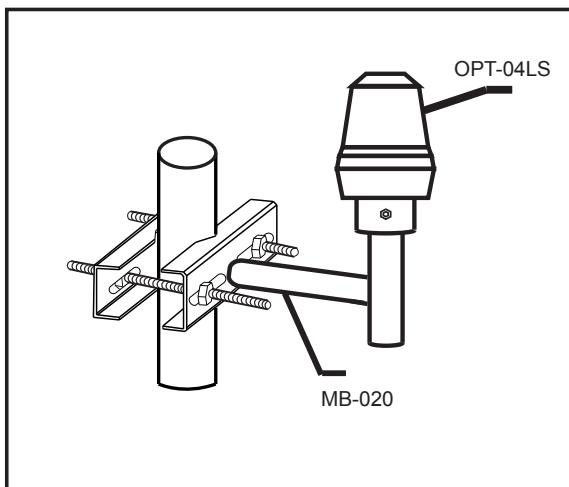
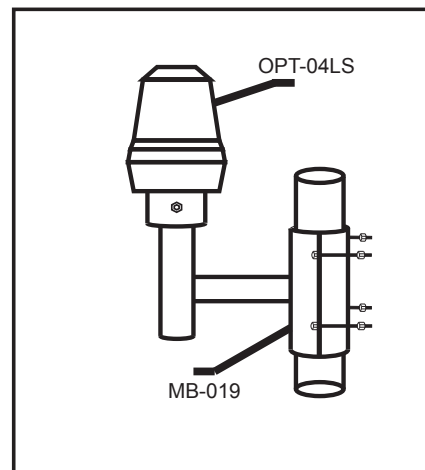
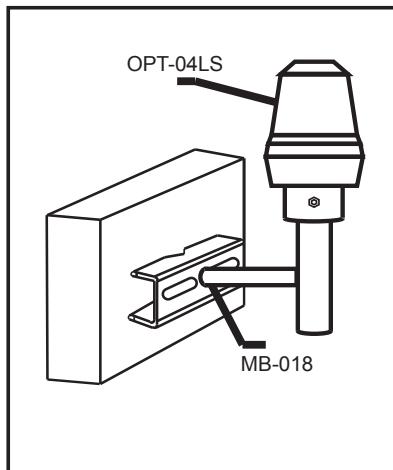
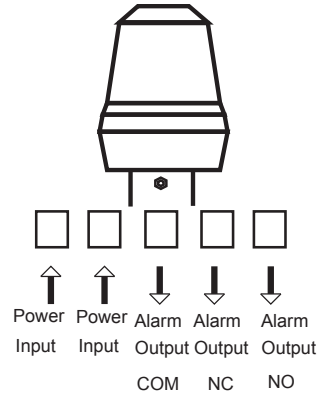
Standard:	ICAO (Aerodromes Annex 14) ve FAA-L810
Led Count:	140 Ultra Bright Leds
Total Candela:	>32,5 (130 cd)
Visibility Range:	10 Km in Dark and clear environment conditions
Visibility Angle:	Horizontal Angle: 360 ° Vertical Angle: <10
Light Color:	Aviation Red (optional: white, yellow, blue, green)
Led Life:	100,000 hours
Blink Life:	20-40 times per minute (optional: fixed light mode)
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
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:	1.0kg
Dimensions:	110mmx200mm
Warranty:	2 years





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CONNECTION DIAGRAM



AIRCRAFT WARNING LIGHT

