



Flight Light Inc.
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RTEL LED
Runway Threshold
End Light
Metalite

RTEL LED: Runway Threshold End Light

- Radio controlled
- Ergonomic and robust construction
- Fully portable battery powered FAA medium intensity RTEL
- Extensive run time
- Rapid 'drop-in' charging

Applications

Metalite's Battery Powered Bi-directional Threshold/Stop End Light utilizes the latest in LED light engine technology and is built to comply with FAA 150/5345-46D L861E standards.

Metalite Aviation Lighting's LED Runway Threshold End Lights (RTELEs) are designed to be located at each end of the runway to identify the runway end or threshold of a visual or instrument non-precision runway.

Ergonomically constructed to endure all weather environments, the RTEL LED is the most capable battery powered model in its class. Rapid 'drop-in' charging and extensive run times cut down on management and maintenance costs, lowering the total cost of ownership.

Major Benefits

- **Unique optical design**
Improved light efficiency and battery running time
- **Ergonomic and functional form**
Robust weatherproofing for endurance and efficient LED cooling
- **Drop-in charging**
Quick and easy handling when charging is required for re-deployment
- **Optional radio control with MESH network technology**
Remote operation from airfield or ATC tower
- **Semi-permanent fixing base**
Stainless steel fixing plates for secure fixing to hard or soft ground (optional)



Visit our web site: www.flightlight.com



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SPECIFICATIONS

LIGHT CHARACTERISTICS

Light Source	High Intensity LEDs
Available LED Colours	Red/Green Split, Red or Green Unidirectional
Light Intensities in accordance with FAA AC150/5345-51A L-861E	90cd Green/10cd Red
Endurance Steady Light	>200 hrs* at maximum intensity
Intensity Adjustments	3
Horizontal Output	+/- 5°
Vertical Divergence	0° to 9°
Vertical Adjustment	+/- 4°
LED Life Expectancy	> 100,000 hrs

OPERATION

Function	Manual Control, Photocell Control, Radio Control
Wireless Radio Receiver (Optional)	868 or 915Mhz MESH Network
Setup and Diagnostics	Integrated Test Facility, Battery Status Indication

ELECTRICAL CHARACTERISTICS

Operating Temperature	-40°C to +60°C
Battery Type	SLAB (Sealed Lead Acid Battery) air transport approved
Battery Capacity	14Ah
Nominal Voltage	12V
Circuit Protection	Integrated
Charging Method	Drop in Charging – Via Trailer or Standalone Charger
Charging Time (Mains)	8hrs*

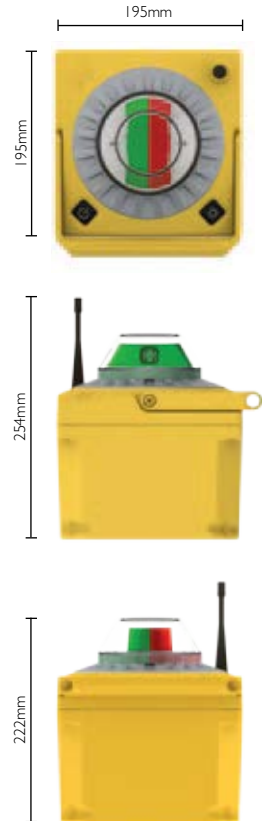
MECHANICAL

Body	High Strength Colour Impregnated Polycarbonate
Dimensions (HxWxD)	222 (excluding antenna) x 195 x 195mm
Weight	7Kg (15.5lbs)
IP Rating	IP65, IP67

COMPLIANCE

CE	Compliant
Environmental	EN610000
Aviation	FAA 150/5345-46D L-861E
EMC	EN610000

*Subject to environmental conditions



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