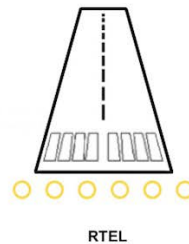


iSeries RTEL

COMPLIES WITH FAA 150/5345-46D L-861E & ICAO ANNEX 14

The iSeries LED Runway Threshold End Light (RTEL) is a battery powered bi-directional Threshold/Stop End Light that utilises the latest in LED light engine technology and is built to comply with FAA 150/5345-46D L861E standards. The main application of the LED RTELs is to be located at each end of the runway to identify the runway end or threshold of a visual or instrument non-precision runway.



RTEL

RTEL (Runway Threshold End Light)

The outstanding build quality also ensures a low maintenance investment for your airside ground lighting requirements for many years to come. Whether used in conjunction with the CALKIT LED trailer, with standalone drop in chargers or with the solar charging units; the light provides easy maintenance-free operations. The RTEL LED meets ICAO Annex 14 Vol 1 and FAA portable airfield lighting requirements, including height requirements and frangibility requirements.

SPECS

iSeries LED COREL

FEATURE BENEFITS

INCREASE SAFETY

The ultra-bright, high efficiency LED light is clearly decipherable by the pilot, leading to stable approaches and increased runway safety.

UNIQUE OPTICAL DESIGN

Improved light efficiency and battery running time.

DROP IN CHARGING

Quick and easy handling when charging is required for re-deployment.

DECREASE COSTS

Low electricity costs with rechargeable battery lights by worldwide power input 110 - 240VAC.

FULL CONTROL

The RF network allows the entire airfield lighting system, including the REILs & UDALS, to be controlled from a single handheld controller.

SPECIFICATIONS

OPTICAL

Compliance	FAA 150/5345-46D L-861E ICAO Annex 14 Vol. 1
Configuration	RTEL (Runway Threshold End Light)
Output Options	Visible and Infrared
Visible LED Colours	Red/Green, Red or Green Unidirectional
Infrared Light	NVG Compatible High Efficiency
LED Intensity	FAA 150/5345-46D L-861E 90cd Green/10cd Red 3 Settings as Standard
Operating Profiles	On Demand Radio Frequency Controller (air/ground), 24/7, Custom

MECHANICAL

Dimensions per Light Housing Assembly	250mm(h) with antenna x 195mm(l) x 195mm(w)
Mounting Options Semi Permanent	Stainless Steel fixing plates for secure fixing to hard or soft ground (optional)
Enclosure Colors	Aviation Yellow, Custom
Enclosure	High Strength Colour Impregnated Polycarbonate

ELECTRICAL

Power Input	Rechargeable Sealed Lead Acid Batteries 2 x 12V (7 Ah) Battery Generator (120VAC/240VAC) Optional Solar Charger for Permanent Installations
Control	RF Frequencies 868 or 915Mhz
Autonomy	200 hours at maximum intensity

ENVIRONMENTAL

Operating Temperature	-40° to +60°C
Weather Protection	IP67
CE	Compliant

WARRANTY AND LIFE EXPECTANCY

Warranty	1 year
LED Life Expectancy	60 000 hours

