



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

CALKIT LED Civilian Airfield Lighting Kit Metalite

CALKIT LED: Civilian Airfield Lighting Kit

- Road going trailer with up to 66 COREL LED lights
- Charge and store multiple light variants
- Universal power input
- Rapid 20 minute deployment
- Extensive run time
- Simple 'drop-in' charging, fast recharge times
- Optional remote control facility, approach lights and PAPIs

Applications

- For remote airstrips where main lighting is not available.
- To provide lighting on alternate runways or emergency landing areas.
- To supplement the main lighting system in the event of partial failure.
- As the main lighting system on airfields with no permanent lighting.
- To mark temporary taxiway and maneuvering areas by day and by night.
- To show the limits of obstructions and areas under repair by day and by night.

Major Benefits

- **Safe:** CALKIT LED is a versatile, battery-powered runway lighting system specifically designed for airport or airfield use. It will meet all relevant international standards relating to portable primary, supplementary, emergency or obstruction lighting. Suitable for use with both fixed and rotary wing aircraft.
- **Easy to use:** The CALKIT LED road going trailer ensures that the system can be rapidly deployed in emergency situations, provides safe storage and easy charging of light units when not in operation and is easily transported when intended for use at more than one location.
- **Reliable:** CALKIT LED offers true 365 days a year capability. When used



at maximum intensity (125cd), edge lights provide 40 hours light output (280 hours at 50cd) before charging is necessary. Recharge is then achieved in only 8 hours ensuring operational readiness on consecutive nights.

- **World leader:** CALKIT LED is de-

signed and manufactured by Metalite Aviation Lighting which has been at the forefront of portable airfield lighting design for over 40 years and is now recognized as the world's leading supplier of trailer mounted systems to both civil and military customers.

Visit our web site: www.flightlight.com



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COREL LED

Specific Elements

COREL LED: CIVILIAN OMNI-DIRECTIONAL RUNWAY EDGE LIGHT

- Bright – Up to 125cd of omni-directional white light output
- Versatile – Full range of aviation colors available (including split colors), battery powered and portable, weighing only 6.3kg. May be charged by either a dedicated freestanding charger or in CALKIT LED trailer.
- Light Source – Ultra High Intensity LED
- Run Time* – 40hrs @ 125cd (White), 280hrs @ 50cd (White), 500hrs @ 25cd (White), 180hrs @ 9/20cd (Red/Green), 317hrs @ 15cd (Green), 500hrs @ 10cd (Red), 500hrs @ 2cd (Blue)



PAPI LED

PAPI LED: PRECISION APPROACH PATH INDICATOR

- Power Efficiency – The world's most power-efficient portable/fixed PAPI solution
- Bright – Full daytime output to ICAO and FAA standards: 30,000/15,000cd for FAA, 15,000/7,500cd for ICAO
- Versatile – Compact, battery powered, portable and no CCR required. Battery packs have integrated charger for ease and efficiency.
- Light Source – Highly efficient state-of-the-art unique LED light engine and optical system
- Run Time* – FAA Output: 100% - 15hrs, 50% - 31hrs, 3% - 522hrs; ICAO Output: 100% - 34hrs, 50% - 69hrs, 3% - 1,151hrs



REIL LED

REIL LED: RUNWAY END IDENTIFIER LIGHT

- Bright – 15,000cd light output in compliance with FAA AC150/5345-51A L849 Style A-F
- Versatile – Battery powered and portable at only 8kg. May be charged by either a dedicated freestanding charger or in CALKIT LED trailer.
- Light Source – Highly efficient state-of-the-art LED light engine
- Run Time* – 18hrs @ 15,000cd, 66hrs @ 5,000cd, 181hrs @ 1,500cd, 1,111hrs @ 300cd



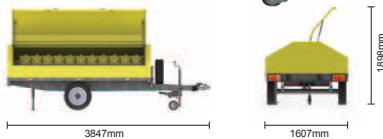
RTEL LED

RTEL LED: RUNWAY THRESHOLD END LIGHT

- Multi Operation – Like the COREL and REIL, the RTEL is available in manual, radio or photocell control
- Versatile – Battery powered and portable at only 7kg. May be charged by either a dedicated freestanding charger or in CALKIT LED trailer.
- Light Source – Highly efficient state-of-the-art LED light engine
- Run Time* – >300hrs



CALKIT TRAILER



CALKIT TRAILER

- Efficient – Drop-in stowage for simple deployment, recovery and charging
- Rapid Deployment – Trailer may be towed to deployment area and lights deployed within 20 minutes as recommended by ICAO Annex 14
- Road Legislation – Meets European Whole Vehicle Type Approval
- Rugged & High Quality – Designed to provide 10+ years service

CHARGING FACILITIES

- Drop-in Charging – Removes the need for cables and connections
- Quick Charging – 95% capacity achieved in 8 hours
- Intelligent Charging – Automatic compensation ensures optimum battery life when charging
- Power – Worldwide power input 95 – 250V AC

*Approximate run times. Subject to environmental conditions.

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