

AVIATION PORTABLE SOLAR LIGHTING KIT

6 or 8 LAMPS IN ROBUST CHARGING PORT SUITCASE

Johannesburg Branch

MIMIC COMPONENTS

Cape Town Branch

Mimic Cape



Features

01. Internationally compliant and advanced solar panel reaching at least 10 years' service life.
02. Easy installation & relocation.
03. No specialized work crew required, limited air traffic disruption, lights immediately operational.
04. Comprehensive protection in voltage short, over-voltage, floating, charge and temperature.
05. Built-in Solar Panel.
06. Self-contained, low maintenance.
07. All components incorporated in a compact, stand-alone unit.
08. Strong corrosion resistance, rain, snow, shock, vibrations protection and UV protection.
09. Internationally advanced cold LED with low power consumption with high brightness.
10. Service life of light source reaching 100000hours.
11. Clean, renewable, green and reliable energy source.
12. Dusk-to-dawn operation.
13. At least 5 days autonomy without sun and 20 days on flashing mode.

Application

Emergency operations, Helipads, Touchdown and Lift-off area (TLOF), Final Approach and Take-off area (FATO), Taxiway lighting, Runway edge lighting – (ICAO Annex 14), Portable or expedited airfield lighting, Threshold lighting and obstruction lighting.

Main Parameter

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| 1. Mode: | ASL-32-S |
| 2. Light intensity: | $\geq 32\text{cd}$ |
| 3. Working mode: | Steady-burning mode or Flash mode |
| 4. Light source: | LED, 100,000hours service life |
| 5. Solar panel: | Monocrystalline silicon |
| 6. Material Housing: | Polycarbonate |
| 7. Base: | Die cast Aluminium |
| 8. Autonomy: | At least 5 days (Option 20days) |
| 9. Battery: | lithium ion battery, 3. 7V 10AH |
| 10. Overall Size: | $\Phi 220$ by 233 |
| 11. Installation Size: | $\Phi 190$ by M10 |
| 12. Weight: | 2Kg |
| 13. Emitting Colour: | Red, green, white, yellow/ white, yellow/white, red/white (Customized) |
| 14. Ambient Temperature: | $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ |
| 15. Wind load: | 80m/s |
| 16. Protection Standard: | IP68 |
| 17. Optional: | charging port, remote control, NVG compatible infrared (IR) LEDs |