

Smart Sequential Road Flare

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Smart IR MedEvac Landing Zone Kit

Specifications:

- o 16 Side LEDs driven at 60 millamps – covering 360 degrees.
- o 4 Top LEDs driven at 150 millamps – directed “skyward” when flare is flat; horizontally when the flare is placed vertically.
- o Side LEDs – 30 degree viewing angle each. 13,000 mcd minimum each.
- o Top LEDs – 120 degree viewing angle - 5 Candela typical.
- o Lithium Polymer Option – 1710 milliamp hour, 7.4-volt nominal.
- o Operating Voltage – 6.0 to 8.4 volts.
- o Operating Temperatures: - 40° C; 60° C
- o Battery life – lithium – 18-24 hours; dependent upon brightness choice.
- o Color of LEDs – available amber, red, blue, orange, green, or combinations.
- o Landing Zone Set – TOP LEDs green (or optional color); Side LEDs infrared – 850 nm
- o Polycarbonate case – weather and water sealed – IP66.
- o Thermoplastic Elastomer (TPE) over-mold for “shock” protection and water sealing
- o Case has been tested by independent laboratory: Crush strength exceeds 22,000 kg
- o Visibility – nighttime – clear night – 1500 meters when used in a set of 10-flares
- o LZ Visibility – nighttime – clear night – 4500 meters
- o Two button user interface – ON/OFF and Battery Status
- o Automatic Turn On when removed from carrying case: “RDS”-Rapid Deployment System; no searching for buttons when dark. No removing gloves.
- o Four flash patterns – single “wave”; fast; simultaneous, steady-glow (steady on)
- o Automatic tilt and hand gesture control – accelerometer. Turns on/off top LEDs if placed in a vertical orientation.
- o Radio Frequency – 2.4GHz proprietary “stack”. FCC compliant. Range 15 meters when placed on ground; 200 meters when elevated 50 cm above ground. RF output energy 0.25 watt – 0 DB.
- o LZ and Tactical – Infra-Red LED – 850 nm wavelength; Visible; choice of red/green/blue/amber/orange/white.

- o Certifications:
- o EU R10 - (E11 Number) Accessory Electronic Equipment in Vehicle
- o Radio Certification in Korea, Japan, New Zealand, U.S. FCC Compliant
- o Independent crush strength: Twining Laboratory; 15,000 kg
- o IP66 – for dust and water ingress
- o 23 Issue patents – E.U., U.S., Japan.
- o Warranty: 2-years for product failure