



● our technology :

ARES developed BECJIL MK4 landing beacons, this flexible solution is designed to equip landing and dropping zone with a NVG compatible lighting.

This technology may as well be used for rotary and fix wings operations.

Remote controlled from the ground, BECJIL MK4 beacons are dual mode visible or IR.

Light weight and powerful, BECJIL MK4 beacons are designed to be operated on any type of ground: grass, sand, concrete, snow, etc....

Offering flexibility and high autonomy, the technology used in the beacon's system insures under NVG flying a precious support for guidance and landing on a temporary DZ or a temporary runway within most difficult night conditions.

● your benefit :

Practical : BECJIL MK4 beacons are packed in a water proof case which includes a built in battery charger. The beacons kit is composed of 8 units (option 10) provided with a remote control, all recharged and stored in the same case. Thanks to its design, the remote control can be perfectly operated at night eyes naked.

Light weight : With its compact and modular design, this practical system is easily handled by one operator. It is activated with an intuitive and robust remote control.

Operational : BECJIL Mk4 beacons are fitted with a three positions rotary switch (OFF, Stand by, ON) allowing remote control and manual use. The beacons can be easily deployed on field within few minutes waiting several days to be operated. In case of jamming or remote control failure, a manual mode remains available. The technology used insures autonomy and reliability within the most difficult weather conditions. In sleep mode the system stays on standby ready for functioning by a simple command from a remote control unit.

Flexible : Beacons configuration, color (green and blue caps) and number can be customized upon customer request.



● technical characteristics :

- Beacon Color :
Visible lighting: green or blue
NVG/IR lighting: GEN 2 and GEN 3 compatible
- Remote controlled Modes
Visible steady
IR steady
- Manual mode
Visible steady
- 360° lighting
- Rechargeable Remote control
ISM band (Industrial, Science and Medical)
Range 500 meters
- Protection:
IP 30 container open
IP 67 container closed
- Power supply needed 110v to 220v, 50 to 60 Hz, 120VA
- Container overall weight: 17 Kg (including 8 beacons, charger, 1 remote control)
- Beacon Life:
Minimum 12 hours operated in 20°C in visible mode
Minimum 20 hours operated in 20°C in IR mode
- Beacon Weight : 0.9 kg
- Beacon Height : 0.17 m (feet folded) to 0.32 m (feet deployed)
- Ø: 0.07 m
- Operating temperature : -25°C / +50°C
- Storage temperature : -25°C / +50°C
- **Complies with: CE – ROHS - REACH**

● options :

- Power supply : Solar
- Extra Beacons on request
- Extra Battery on request
- Beacon : Wired
- Beacon : Vertical Beam
- Beacon : Blinking and steady in visible and or in IR mode
- Beacon : Sectorized beam (180° or less)
- Beacon : Lighting cap color in Red or White.

