



# POINT BATTERY LIGHTS PORTABLE PBL LED HELIPORT & AIRFIELD PORTABLE LIGHT

Compliances: ETL Listed to UL 1598A Marine Vessels at -40 deg C to +55 deg C  
 ETL Listed to CSA C22.2 No. 137-M1981 & No. 250.0-08 Canada  
 ETL Listed to UL 1598 at -40 deg C to +55 deg C  
 Tested & Certified to IP66 Ingress Protection  
 FAA AC 150/5390-2C Heliport Design Guide  
 ICAO Annex 14, Volume II  
 Registered ISO 9001:2015

The PBL DC voltage powered portable LED lights may mark the FATO & TLOF perimeter of a heliport, taxiway closure on an airport, temporary obstructions or construction and other temporary airfield lighting applications. The electronic power supply is potted to be watertight in the fixture optical assembly. The carrying handle mounting plate may be staked or weighted down with bricks or blocks. Each PBL is manually switched ON-OFF in place unless option -RF wireless activation is ordered. With wireless activation, there is a one hour timer. Total run-time between charges is twelve (12) hours depending on the ambient temperature.

Point Type	Array	Color	Type	Options
PBL-51004	3C: ICAO TLOF 3H: ICAO FATO	G: Green W: White IR: Infrared R: Red B: Blue Y: Yellow	C089	NC: NVG compatibility* RF: Wireless Activation



\* For use with visible colors; adds IR LED.  
This option will reduce PBL run-time.

**PBL-G-C089-NC-RF**  
SET OF FOUR (4) PBL LIGHTS  
WITH TRANSPORT CASE



The transport case is made of high impact structural copolymer which is unbreakable, watertight, dustproof, chemical resistant and corrosion proof. Tested to Military Standard MIL-C-4150J and IP67.

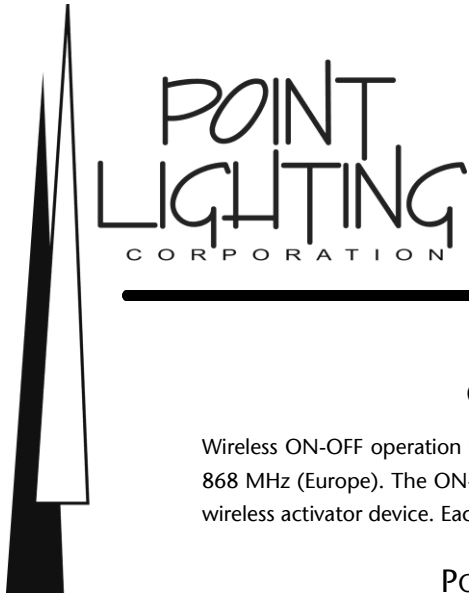
Note: PBL's must be ordered in multiples of four (4) which will include the storage case. Any extra lights will be priced as a spare part and packaged separately.

**PBL-51004-3C-G-C089-NC-RF**  
PORTABLE PBL PERIMETER LIGHT  
READY FOR DEPLOYMENT DIRECTLY FROM THE CASE



Note: Each PBL charging cable is supplied without a plug. End user to add an AC plug meeting the local standard.





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### OPTION -RF: WIRELESS ACTIVATION

Wireless ON-OFF operation via a wireless activator device operating at 918 MHz (USA & Australia) or 868 MHz (Europe). The ON-OFF device is paired to each PBL in the case. Each order will include one wireless activator device. Each device on the same order will be paired to all lights on that order.

### PORTABLE PBL PERIMETER LIGHT FEATURES

- ✓ Based on the standard PRL heliport perimeter light; over 30,000 installed worldwide
- ✓ Array -3H in white FATO exceeds 100 candelas & complies with ICAO Annex 14, Volume II, Figure 5-12, Illustration 4
- ✓ Array -3C in green TLOF complies with ICAO Annex 14, Volume II, Figure 5-12, Illustration 5
- ✓ Sealed optical subassembly with colored light emitting high intensity LED's
- ✓ 12V DC sealed lead acid (SLA) marine and solar grade rechargeable battery
- ✓ Carrying handle mounting plate may be staked or weighted down with bricks or blocks
- ✓ ON-OFF switch on door (top) activates a 1-hour timer which may be overridden
- ✓ Full battery charge will allow twelve (12) hours of operating time at 70-deg F
- ✓ Port with cap for connection of 3-meter charging cable
- ✓ Non-metallic NEMA 4X enclosure
- ✓ Factory preassembled ready to deploy
- ✓ Rugged carrying case with handles & wheels
- ✓ Operates on internal rechargeable battery
- ✓ Timer allows for a 1-hour of operation & automatically turns off
- ✓ Twelve (12) landing cycles per battery charge
- ✓ Rigid mounting plate for carrying, weighting or staking
- ✓ Storage case with foam inserts holds four (4) lights
- ✓ Each order includes a wireless activation device when option -RF is ordered

#### Visibility Range as Tested:

Visible Color > 8 nautical miles  
Infrared Option -NC \*\* > 3 nautical miles

\*\* For Night Vision Goggles (NVG)  
Option -NC adds IR LED at 855 nm  
Radiant Power: 137 mW/sr

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