

PELANGI

Solar LED Lantern

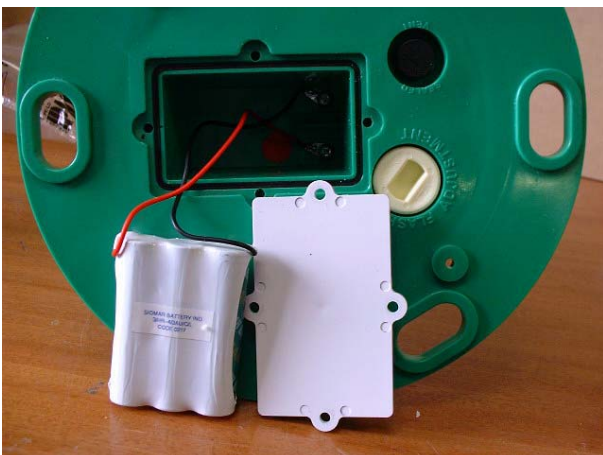
PL72



The complete PL72 Lantern

TECHNICAL SPECIFICATION

| | |
|---------------------|--------------------------------|
| Lens diameter | : 140mm |
| Light Source | : 6 high intensity LED's |
| Photo Cell | : Included |
| Range @ 0.74 | : 2 miles |
| Peak Intensity | : 8.3 cds |
| Vertical Divergence | : 9 degrees |
| Colours available | : Red, Green, White, Yellow |
| Enclosure Materials | : UV polycarbonate |
| Water Protection | : to IP68 |
| Weight | : 1.2 Kgs |
| Life Expectancy | : 100,000 Hours |



View of PL72 base, showing rechargeable battery compartment and flash code programming access.

The PL72 Solar Lantern is a buoy or beacon lantern, with a 2 mile range.

- Provides long term maintenance-free operation at low cost.
- Simple 'bolt on' installation with no external wiring, low weight, and compact size enables the lantern to be carried by small buoys. Adaptor bracket available for pole mounting.
- 140mm Polycarbonate Lens, with bird spike, and wide vertical divergence of 9 degrees, permits easy identification even when mounted on a heeling small buoy.
- Available in Red, Green, White & Blue (where permitted).
- Includes automatic photocell control, and achieves an effective intensity of 6 cds giving a range of 2 miles @ $T=0.74$
- Solar panels are angled to collect sunlight collect sunlight more efficiently, particularly in northerly latitudes.
- Internal rechargeable batteries to cover periods without sunlight. Double capacity supplied as standard for UK conditions. Batteries can be easily replaced.
- Solar LED Lantern can be user programmed to 256 different flashing via user accessible internal switches. Internal master on/off switch, allows the unit to be deactivated and stored without removing the batteries.
- Base and lens are both manufactured from Robust UV stabilised polycarbonate, and sealed to IP68 standard to prevent water ingress.
- 4 Intensity settings allow reduced power output for latitudes where sunlight levels are low or to allow heavier flashing characters to be used. Please check with Pelangi Engineers if in doubt.



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