

# PELANGI

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## LED LANTERN

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## PL100-LED

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Leading light for safe navigation in a restricted channel.



PL100-LED lantern, Showing the LED array

### MOUNTING DETAILS

220 x 220mm mounting plate with 4 x 14mm dia. holes - 168mm centres.

Net weight 7.8 kgs.



*INDUSTRIAL MEMBER  
INTERNATIONAL  
ASSOCIATION OF  
LIGHTHOUSE  
AUTHORITIES*

The PL100 is supplied by Pelangi for leading light approach channel applications. Also for bridge and dock entrances for both night and/or daytime traffic control.

- LED's available in white, red, green, yellow or blue colour.
- Cast marine grade aluminium body with adjustable mounting plate
  - 12 degrees vertically
  - 15 degrees horizontally.
- Option of pole mounting available on special request.
- Levelling sight incorporated as standard to assist with installation.
- LED light source giving lower power consumption than lamps, and no requirement for changing lamps
- Easy Flasher or Communicator flasher, for synchronised GPS or radio control and monitoring.
- 12v DC operating voltage or from mains via a transformer rectifier or battery charger if a standby service period is required.

### Optional extras

- Padlock to prevent unauthorised access.
- Gun sight for horizontal and vertical alignment.
- Sunswitch.

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### TECHNICAL SPECIFICATION

Lens Diameter:	203mm visual, 217mm overall.
Lens Material:	Moulded Polycarbonate.
Light Source:	Light Emitting Diodes.
Divergence:	8° to 10% of peak intensity.
Peak Intensity:	White 12000 cd. Red 12000 cd. Green 12000 cd. Yellow 12000 cd.
Chromaticity:	All colours conform to IALA preferred zones.

TOTAL UNIT WEIGHT: 8KGS  
OPTIONAL GUNSIGHT NOT SHOWN.

