

PELANGI

LED LANTERN

LS100

Compact LED lantern for use as a port entry traffic signal, leading light, or floodlight depending on version selected.



LS100 Lantern, Showing the LED array

SUMMARY OF LS100 VERSIONS

	LS100	LS100H	LS100FL
Application	Signal Light	Signal Light	Floodlight
Beam	Narrow	Wide	Ultra Wide
Horizontal Beam Width	+/- 2°	a) +/- 4° b) +/- 17°	+/- 30°
Vertical Beam Width	+/- 2°	a) +/- 4° b) +/- 4°	+/- 30°
Intensity	2400cd	a) 5000cd b) 1900cd	120cd
Max. Power	4W	7W	6W
Input Voltage	9-28V	9-28V	9-28V

a) round beam
b) oval beam



**INDUSTRIAL MEMBER
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The LS100 is supplied by Pelangi for leading light approach channel applications, also for bridge and dock entrances.

- LED's available in white, red, green, yellow or blue colour.
- LED light source giving lower power consumption (7W or less) than equivalent incandescent lamps, and no requirement for changing lamps.
- Adjustable Intensity (25, 50, 75, or 100%) to suit different applications.
- Can be supplied with a flasher if required.
- Can be supplied with an automatic night dimming circuit, when used as a daytime traffic signal.
- Operates from a 12 VDC supply or from mains via a driver and power supply or battery charger if a standby service period is required.
- Mounting Bracket, and Gunsight available as optional extras.
- Robust quality and long service life.

SPECIFICATION – ALL VERSIONS.

Lens Diameter:	100mm visual
Lens Material:	UV resistant Lexan Polycarbonate.
Housing:	Marine grade aluminium, epoxy coated.
Ingress Protection:	IP66
Light Source:	Light Emitting Diodes.
Controller:	Smarflasher, or LED driver housed externally.
Mounting:	2 x M6 Screws
Net weight:	1kg
Flasher:	Available as an option.
Expected Life:	Up to 10 year