

## Lopolight P/N 100-002

**Port sidelight 1 nm for vessels 0-12 meter (39,4 feet). Vertical mounting**

LED (Light Emitting Diode) navigation light

Unique and precise definition of light angles

World wide type approval to comply with COLREG 72/EN 14744/UL 1104

Rugged and unbreakable: Precision machined anodised aluminium or carbon fibre housing protects the LED's and electronics

Completely waterproof and vibrationproof: Interior is fully filled and sealed with special potting resin

Waterproof to IP 68+ (submersible)

Lifetime over 50.000 hours or 4.200 nights

Low power consumption – 70 to 90% less than traditional navigation lights

Full brightness with input voltages ranging from 10 to 32 Volts

All Lopolights have been tested during production, concluding with a 24 hour burn-in test

Easy to install, adaptor and screws included (when applicable)



### Approvals

Worldwide typeapproval

MCA (UK), QQ-TAN-03/05-01R

USCG (USA), approved 09-2006 under 111.075 by recognized laboratory QinetiQ

DMA (DK), 199942520

RINA (Italy), ELE054806CS

BSH (Ger) BSH/4615/6010418/06 & Rheinschiffahrt D.06.418

### Measurement

92,5 mm (3,64 in) - 56 mm (2,2 in) – 28,0 mm (1,1 in) – W: 230 gram (8,2 oz)

### Materials

Anodised aluminum 25µ, PMMA lens, A4 stainless steel screws, Epoxy, Polyurethane.

### Supply voltage

10,0 -18,0 VDC

### Power consumption

1,0 Watt

Current @ 12 VDC: 0,09 A: Current @ 24 VDC: 0,04 A

### Light colors

Red

### Light intensity

>1,2 cd

### Light visibility

1 nm

### Number ofLED's

20

### Suggested feed cables

12 VDC: 2 x 0,25 mm<sup>2</sup> (maximum outer diameter 7mm)

24 VDC: 2 x 0,25 mm<sup>2</sup> (maximum outer diameter 7mm)

### Expected life (hours)

50.000

### Ship size (max)

12 meter (39,4 feet)

### Mounting

Vertical