

## Lopolight P/N 300-009

### Port sidelight 2 nm for vessels 12-50 meters (39,4-164 feet). Horizontal 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

RINA (Italy), ELE054806CS

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

#### Measurement

Light: Ø: 92,5 mm (3,64 in) – H: 28,0 mm (1,1 in) – W: 310 gram (11 oz)

Mounting block: Ø: 92,5 mm (3,64 in) – H: 24,0 mm (1,14 in) – W: 148 gram (5 oz)

#### Materials

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

#### Supply voltage

10-32 VDC

#### Power consumption

1,5 Watt

Current @ 12 VDC: 0,13 A: Current @ 24 VDC: 0,06 A

#### Light colors

Red

#### Light intensity

>5,4 cd

#### Light visibility

2 nm

#### Number ofLED's

36

#### 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)

50 meter (164 feet)

#### Mounting

Horizontal