

## Lopolight P/N 200-011

### Masthead light 3 nm for vessels 12-20 meter. 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) pending

#### Measurement

92,5 mm (3,64 in) - 75 mm (2,95 in) 44,0 mm (1,7 in) – W: 450 gram (16 oz)

#### Materials

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

#### Supply voltage

10-32 VDC

#### Power consumption

3,2 Watt; Current @ 12 VDC: 0,26 A; Current @ 24 VDC: 0,13 A

#### Light colors

White - 225°

#### Light intensity

>15cd

#### Light visibility

3 nm

#### Number ofLED's

84

#### Suggested feed cables

12 VDC: 2 x 0,50 mm<sup>2</sup> (maximum outer diameter 7mm)

24 VDC: 2 x 0,50 mm<sup>2</sup> (maximum outer diameter 7mm)

#### Expected life (hours)

50.000

#### Ship size (max)

12-20 meters (39,4 - 65,6 feet)

#### Mounting

Vertical