

## Lopolight P/N 100-009

Tri-color light with anchor function for sailing yachts up to 12 meters (39,4 feet)

LED (Light Emitting Diode) navigation light.

Unique and precise definition of light angles.

Rugged and unbreakable: Precision machined anodised aluminium or stainless steel 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

Wheelmark/M.E.D. QQ-MED-15/09-01i

MCA (UK), USCG (USA)

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

10,0 – 32,0 VDC

### Power consumption

3,6 watts in tri-color mode: Current @ 12 VDC: 0,3 A: Current @ 24 VDC: 0,15 A

2,4 watt in anchor mode: Current @ 12 VDC: 0,20 A: Current @ 24 VDC: 0,10 A

### Light colors

Tricolor: Green – Red – White

Anchor: White

### Light intensity

Red and Green sectors: >1,2 Cd; White sector: >5,4 cd; Anchor function >5,4 cd

### Light visibility

Tri-color > 1 nm for red and green sectors and > 2 nm for white sector

### Number ofLED's

86

### 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

Horizontal