

Lopolight P/N 100-009

**Tri-color light with anchor function for sailing yachts up to 12 meters (39,4 feet)
(The anchor function is approved for yachts up to 7 meters)**

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

Approvals apply to tri-color function only

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

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 1 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 mm² (maximum outer diameter 7mm)

24 VDC: 2 x 0,25 mm² (maximum outer diameter 7mm)

Expected life (hours)

50.000

Ship size (max)

12 meter (39,4 Feet)

Mounting

Horizontal