

Lopolight P/N 200-007

Tri-color light for sailing yachts between 12 and 20 meters (39,4 - 65,6 feet)

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 09-2005 under 111.075 by recognized laboratory QinetiQ

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

Measurement

Light: Ø: 92,5 mm (3,64 in) – H: 44,0 mm (1,73 in) – W: 520 gram (18 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

6,1/4,4 Watt; Current @ 12 VDC: 0,41 A: Current @ 24 VDC: 0,20 A

Light colors

Green – Red – White

White - White - White

Light intensity

>5,4 cd

Light visibility

2 nm

Number ofLED's

145

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 - 20 meter (39,4 -65,6 feet)

Mounting

Horizontal