

Lopolight P/N 300-005

Stern light for vessels up to 50 meters (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 09-2005 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

10-32 VDC

Power consumption

2,6 Watt; Current @ 12 VDC: 0,22 A; Current @ 24 VDC: 0,11 A

Light colors

White 135°

Light intensity

>5,4 cd

Light visibility

2 nm

Number ofLED's

37

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)

50 meter (164 feet)

Mounting

Horizontal