LOPOLIGHT

Lopolight P/N 100-003

Combined sidelights 1 nm for vessels 0-12 meter (39,4 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 09-2006 under 111.075 by recognized laboratory QinetiQ
DMA (DK), 199942520
RINA (Italy), ELE054806CS
BSH (Ger) BSH/4615/6010418/06 & Rheinschifffahrt 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
1,5 Watt
Current @ 12 VDC: 0,12 A: Current @ 24 VDC: 0,06 A

Light colors
Green & Red

Light intensity
>1,2 cd

Light visibility
1 nm

Number ofLED's
31

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