

LEADING LIGHT TYPE NS 300 LED

DATASHEET

The NS 300 is an high intensity leading light and is suitable for marine signalisation.



Different divergence angles can be factory set by means of different divergence filters and reflector adjustments. The lightsource is formed through LED's of high intensity, each of them having its own reflector and optics.

Depending on which visibility is needed the light output can be factory set accordingly. The housing is made of marine grade aluminium alloy and painted with a surface treatment of two layers of high impact epoxy coating, the top colour is signal grey RAL 9004.

In the housing a membrane is incorporated which enables airpressure equalization and blocking moisture to enter the lanternhousing. Cable entry is by means of an PG 13.5 cable gland.

The NS300 is suitable for Mounting on a 60 mm. Pole, horizontal adjustment 360 dgrs. , vertical adjustment 20 dgrs.

Levelling and aligning can be made with a riflescope for which attachment provisions are made. Because no lampchanges are needed maintenance cost are a fraction compared to lampbased leading lights.

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Specifications:

Application	: Harbour entrance leading light
Type	: NS 300 LED
Make	: I.T.O. Vaarwegmarkering B.V.
Lens material	: PMMA/glass
Base material	: Marine grade cast aluminium ALMG3
Hardware	: Stainless steel
Power drain	: Max. 100 watt
Power supply	: 12 -30 volts DC
LED life expectancy	: Min. 100.000 hours
Color emitted light	: White, red, green, yellow
Connection	: Screw terminal
Cable entry	: Cable gland PG 13.5
Horizontal lightspread	: Depending on divergence filter, and reflector adjustments
Vertical divergence	: 6 degrees
Intensity	: Depending on divergence and colour max. 140.000 candela
Protectionclass	: IP66
Weight	: Approx. 10 kgs.



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