

OPTONAVAL UNIVERSAL
UNL NAVIGATION
SYSTEM LIGHTS

NAVIGATION LIGHTS

HIGH TECH PACKED IN PERFECT DESIGN



THE NEED TO HAVE BECOMES A PLEASURE TO OWN





A CONCEPT RETHOUGHT FROM SCRATCH

Family of navigation lights

Common parts, different functions

High performance LEDs

Built-in redundancy, automatic switch over

Elegant and robust design

Easy onboard maintenance

Customized colour coating options

Touch Panel controls and/or integration in bridge management systems

Serviceable by trained crew

Wheel mark certification by DNV GL

PRODUCT RANGE

TOP LIGHT

SIDE LIGHT

ANCHOR LIGHT

STERN LIGHT

NUC

RAM / CBD

TOW LIGHT

SUEZ LIGHT

PANAMA LIGHT

ANY SPECIAL LIGHT

CONTROL AND MONITORING





IT WORKS – AND IT WARNS YOU BEFORE A PROBLEM ARISES







CONDITION MONITORING

Fully monitored by multiple electronic sensors, measuring internal humidity, pressure, temperature, brightness and electric flow

Ensuring highest reliability and sound warnings, long before the light may fail

Active time counters

REDUNDANCY

Automatic/controlled switch over in case one light source fails

Built-in test when switching on

SAFETY

Fulfilling all applicable standards

Light intensity always as required

Round shape - best tightness

Massive aluminium body for maximum heat dissipation

WORKS LIKE IT LOOKS – JUST PERFECT





PERFECT MARRIAGE OF DESIGN AND TECHNOLOGY

Taylor-made project solutions

Low life cycle cost

Meeting highest requirements in quality and functionality

Focus on low maintenance

Built for rough marine environment

MATCHING DESIGNER'S DEMANDS

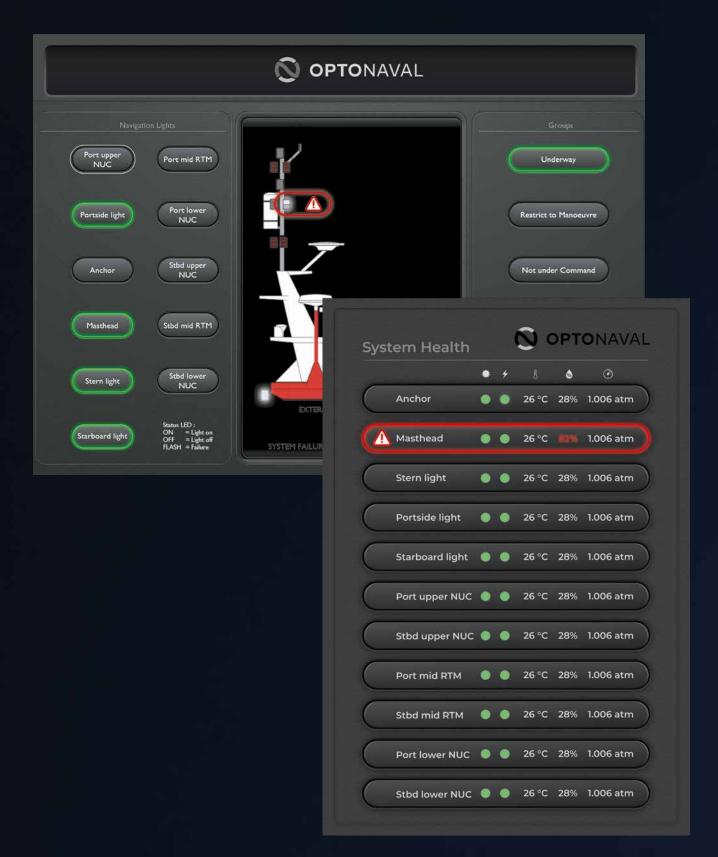
Customizable coating/colour

Side light integrated in superstructure, mast etc.

Modern shape underlines state-of-the-art technology



CONTROLS AS YOU LIKE IT

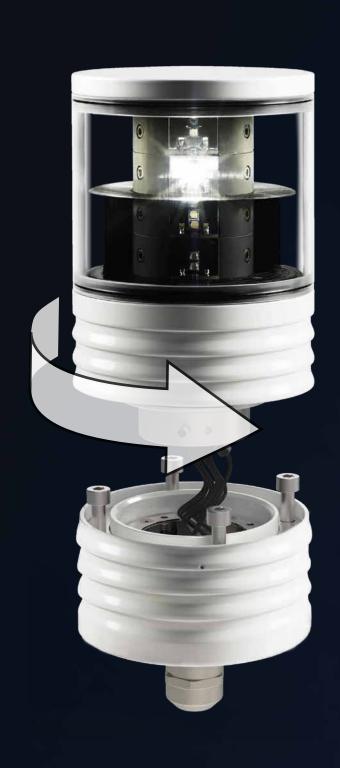




CONTROL AND MONITORING

Multiple options for control panel
Intuitive graphical user interface
Option to integrate in existing bridge system
Hardwired buttons as per regulatory requirements
Assisting in identification of malfunctions
Tracking of maintenance history

MODULAR CONSTRUCTION ACCESSIBLE FOR MAINTENANCE JUST REPAIR IT WHEN NEEDED







MODULARITY

Maximum of common parts
Stacks with different light colours

Shaders for different functions

INSTALLATION

Common base plate

No special tools required for installation

Sensitive parts mounted just when needed

Single cable connection

Cable outlet side or bottom

Bayonet catch for easy mounting and removal

Customized solutions for refits

MAINTENANCE

Common spare parts minimize stock demand

Light elements are simply stacked – no soldering

Interchangeable parts



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