OPTONAVAL
LIGHTING
SOLUTIONS

OPTONAVAL

YACHTING



OPTONAVAL

Lighting solutions. Engineered for the maritime world.

From Hamburg to the world's most iconic yachts, **OPTO**NAVAL develops intelligent lighting and helicopter landing solutions for the maritime environment.

Combining engineering expertise, proven technology and design, we develop systems that integrate seamlessly into modern yachts – reliable, elegant and built for life at sea.

INNOVATION

RELIABILITY

INDIVIDUAL DESIGN



ENGINEERING & CONSULTING

From concept to certification.

Every yacht is different. So is every helideck. We support owners, designers and shipyards from the first concept to final commissioning – with engineering, certification support and seamless system integration.

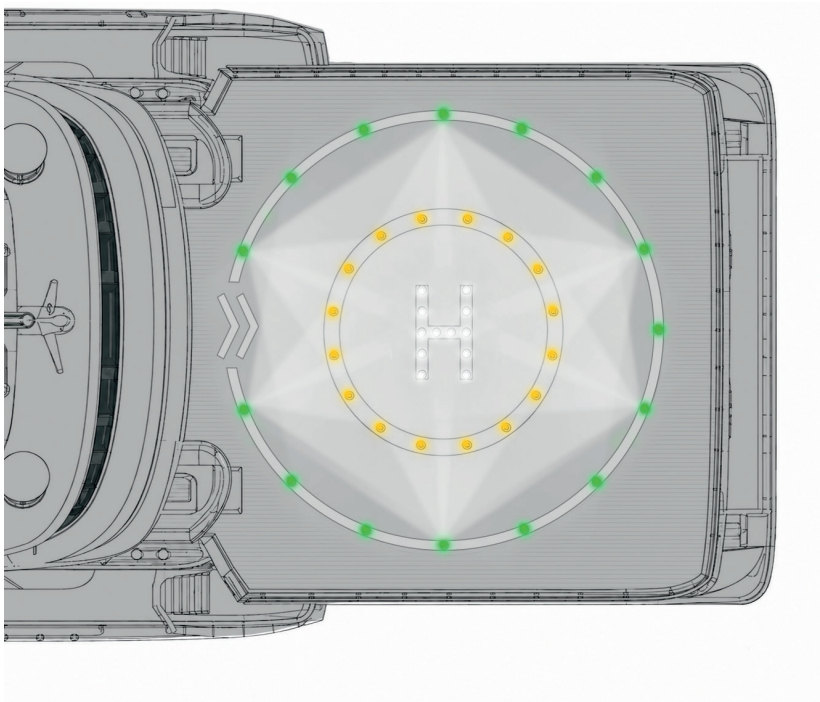
CONCEPT

ENGINEERING

CERTIFICATION

INTEGRATION

COMMISSIONING



CONTROL & MONITORING

Full control. One interface.

Bring your helideck into the digital age. Our modular control and monitoring platform combines intuitive operation, system integration and intelligent diagnostics – giving crew and operators a clear view of the entire landing system.

- INTUITIVE CONTROL
- SYSTEM INTEGRATION
- REAL-TIME STATUS
- SMART DIAGNOSTICS
- MAINTENANCE TRACKING



HELICOPTER VISUAL LANDING AIDS

Advanced technology. Designed for yachts.

OPTONAVAL develops helicopter landing solutions for safe, reliable operations at sea. Combining intelligent LED technology and smart system design, our HVLAS solutions are engineered around the individual requirements of every yacht.

TAILOR-MADE

LED TECHNOLOGY

HEALTH MONITORING

LOW MAINTENANCE

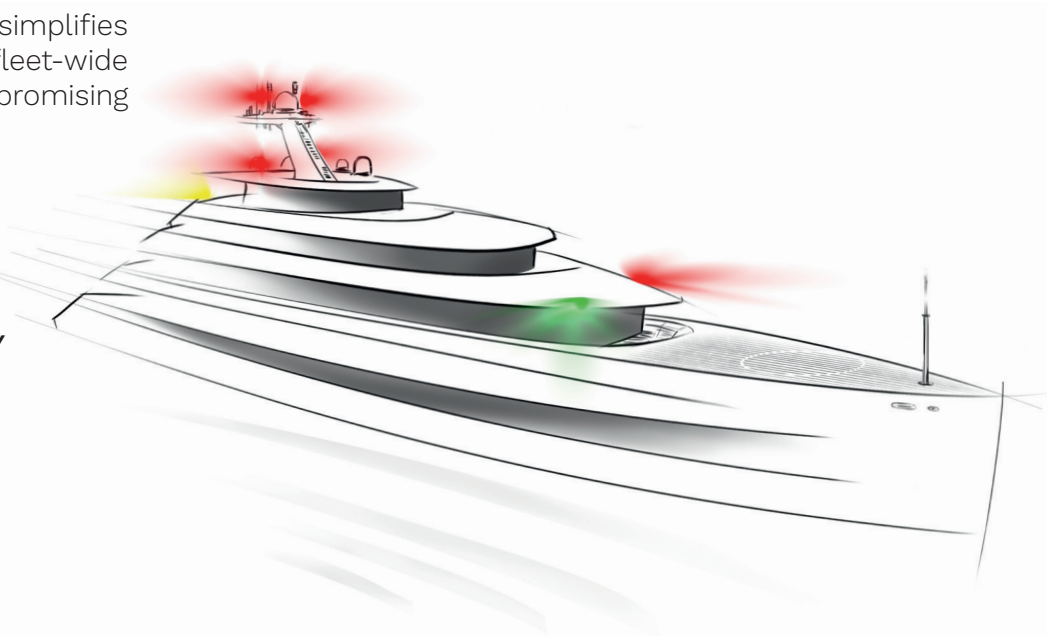
CERTIFIED



NAVIGATION LIGHTS

Intelligent lighting. Refined for yachts.

Our modular platform simplifies integration, maintenance and fleet-wide standardization – without compromising the aesthetics of the yacht.



MODULAR PLATFORM

BUILT-IN REDUNDANCY

SMART MONITORING

EASY INTEGRATION

CUSTOM FINISHES

INTEGRATED HEALTH MONITORING

Awareness before action is needed.

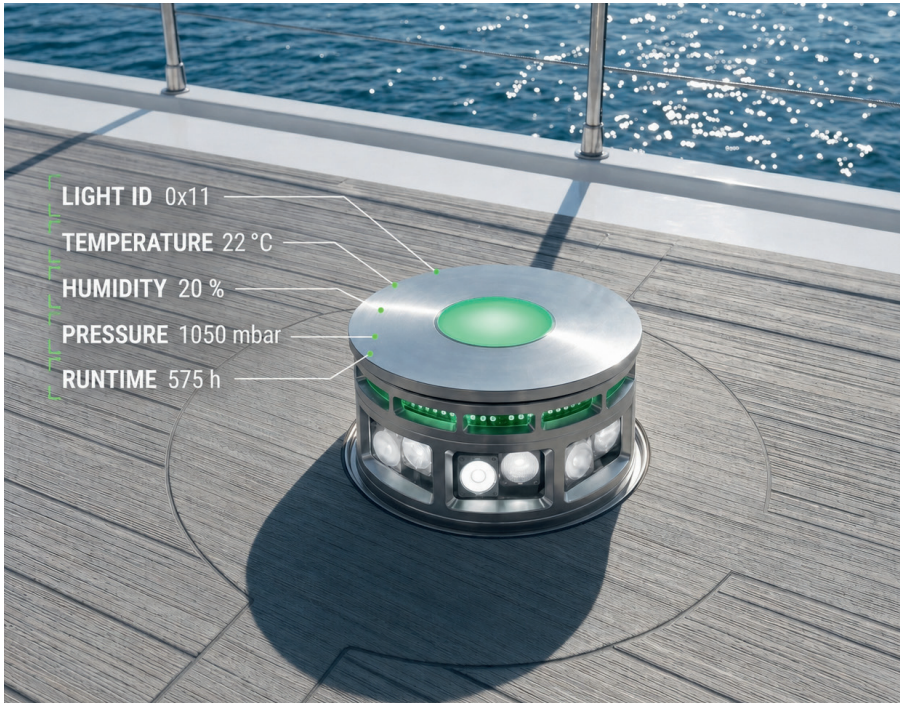
Intelligent sensors continuously monitor your lighting system – helping detect degradation early, reduce unnecessary maintenance and maximize system availability.

MONITOR

DETECT

PREDICT

MAINTAIN



OPTONAVAL

Optonaval GmbH
Stenzelring 18
21107 Hamburg
Germany

+ 49 40 60 94 49 0 - 0
info@optonaval.de
www.optonaval.de

Images modified using AI
© Optonaval GmbH

ON Yacht Brochure 08/2026

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

CAP 437
COMPLIANT

www.optonaval.de