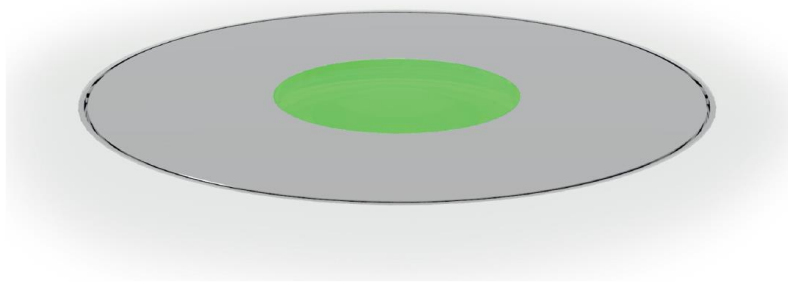


DATASHEET  
for  
**Flush Deck Edge Light**  
Product FDEL H20024 / Yacht Applications



The Optonaval Flush Deck Edge Light (FDEL) is designed to offer an almost deck even Perimeter Light which does not create any obstacle for persons walking along the deck. The FDEL offers an elegant and minimalistic design with no visible screws and will optimally fit into an ambitious deck layout.

The Light is aimed at providing light from abt. 20° (horizontal) upwards with a characteristic along CAP 437 requirements for Perimeter Lights. The Light comes with Optonaval's standard Multi Sensor Electronics, measuring multiple modes of operation, detecting an upcoming malfunction before the Light might fail. It can also be operated by customer supplied (existing) control systems with a simple on/off functionality. The mode of installation can be anything like welding, bolting, gluing, both from above and below deck.

## PRODUCT SPECIFICATION

ELECTRICAL SPECIFICATIONS	
Supply voltage	24 V DC
Power	10 W rated
OPERATING CONDITIONS	
Ambient temperature	-30°C to 50°C
Ingress protection level	IP66/67
Vibration	acc. to EN 60945
EMC	acc. to EN 60945
MECHANICAL SPECIFICATIONS	
Dimensions	Light Element: Ø218x(105) mm Installation Pot: Ø230x105 mm
Weight	approx. 5 kg (excl. Installation Pot)
Housing color	RAL Classic
Housing material	sea water resistant aluminum alloy
Surface coating	polished
Top ring material	Stainless steel (polished)
PERL cover material	VSG
OPTICAL/LIGHT SPECIFICATIONS	
Light source	LED
Light colors	GN
Luminous flux	100 lm
Beam angle	> 20° vertical
Beam intensity	3 cd
ADDITIONAL DOCUMENTS	
Installation Drawing	H20024-50-002_InstallationDrawing
Installation Manual	H20024-51-002_InstallationManual
Operating Manual	H20024-81-002_OperatingManual
Maintenance Manual	H20024-82-002_MaintenanceManual

## APPLICATIONS

ON-Part No.	Product type
H20024-00-002	Ø218mm – GN (Armon Variant)