



**WL01 NAI**

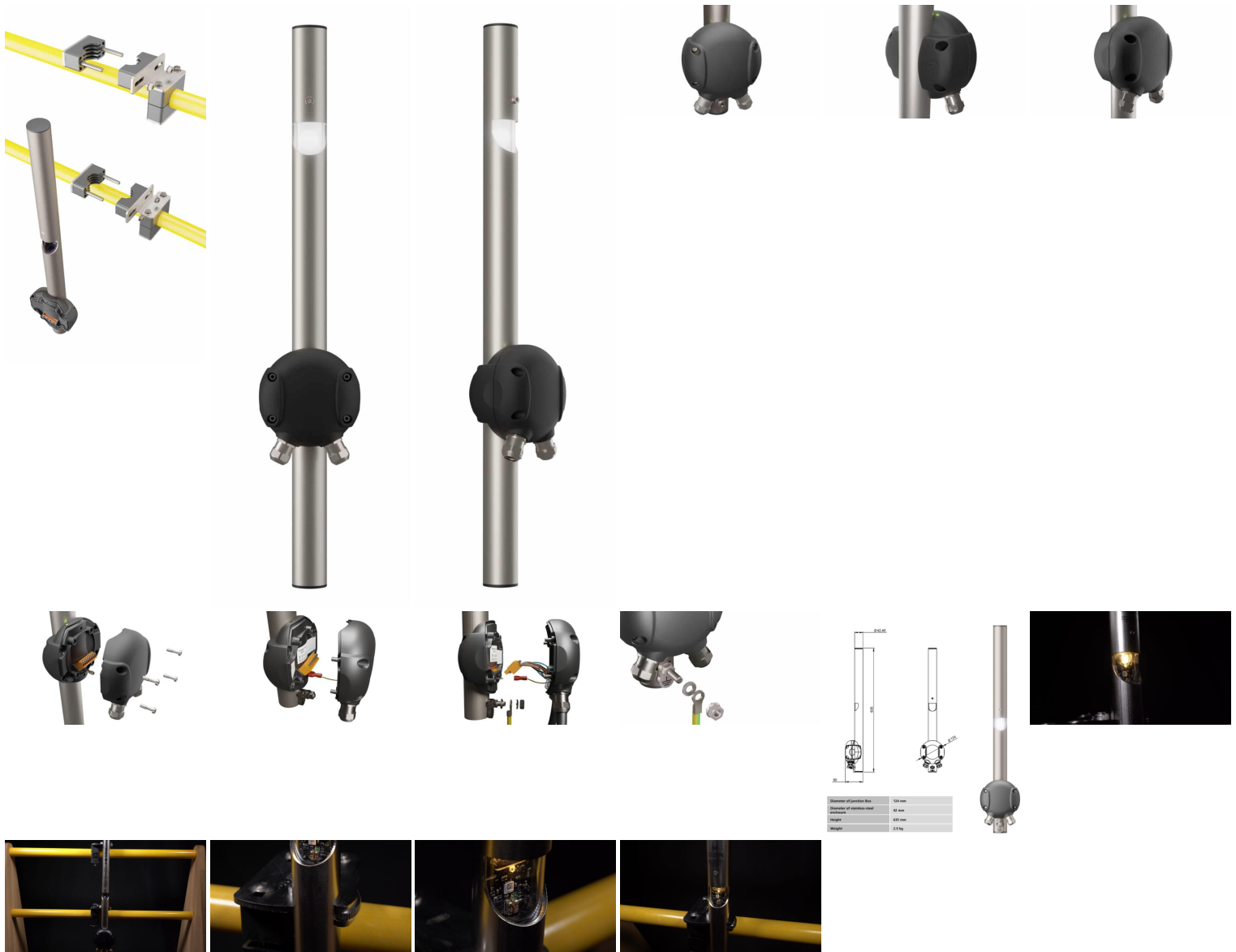


SKU: N/A

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**GALLERY IMAGES**





## PRODUCT DESCRIPTION

### SEAMARK Work Light

- Maintenance-free LED technology for uniform area illumination
- Levelling sensor, water ingress detection, optical feedback and LED monitoring
- Standard NAI bus interface for power supply and communication
- Adjustable intensity pre-sets by NAI bus

The SeaMark NAI work light is designed for uniform area illumination. The ruggedised stainless-steel design integrates the optical head and mechanical support into a single device.

A levelling sensor assures accurate installation whilst water ingress detection, optical feedback and LED monitoring allow for detailed



monitoring and optimised maintenance.

The NAI bus supplies power, sets the intensity and transmits status and error messages to the central NAI controller with a SCADA interface

The work light shall be switched on and off remotely by either SCADA or a force on command from the NAI controller.

## Technical Data

### DIMENSIONS & WEIGHT

Diameter of junction Box	124 mm
Diameter of stainless-steel enclosure	42 mm
Height	635 mm
Weight	2.5 kg

### MATERIAL

Sheath	Stainless Steel 316L/ 1.4404
Housing Junction Box	LEXAN™ Resin EXL5689
Housing Optical Head	Makrolon® AL2647
Gasket	THERMOLAST® K TC3GPZ

### OPTICAL SYSTEM

Light colour	3000 K (White)
Maximum light intensity	TBC
Radiance lamp group (acc. to EN 62471:2008)	RG1
Irradiance lamp group (acc. to EN 62471:2008)	RG0

### ELECTRICAL CONNECTION

Electrical connection	Spring terminal block, max. 2.5 mm <sup>2</sup>
Operating voltage VIN	DC 24.0 V (-25 % / +25 %)
Power consumption (Peak, VIN = DC 24 V) DC	4.0 W

### ENVIRONMENTAL CONDITIONS

Ambient temperature (operation)	-25 °C to 55 °C
Ambient temperature (storage / transport)	-40 °C to 70 °C
Humidity (operation / storage / transport)	95 % r.h. up to 45 °C 70 % r.h. for T > 45 °C
Atmospheric pressure (operation / storage / transport)	80 kPa to 108 kPa
Degree of protection (acc. To IEC 60529)	IP67



Luminaire classification (acc. to EN 60598-1:2018)	Rough service luminaire
Impact protection (acc. to IEC 62262-1:2018)	IK08
Lightning protection zone (acc. to IEC 62305-4:2010)	LPZ0B
ELECTRICAL SAFETY AND HEALTH	
Protection class	Class III
Overvoltage protection	Class III
Pollution degree	3
RELIABILITY	
Minimum LED lifetime	100 000 h