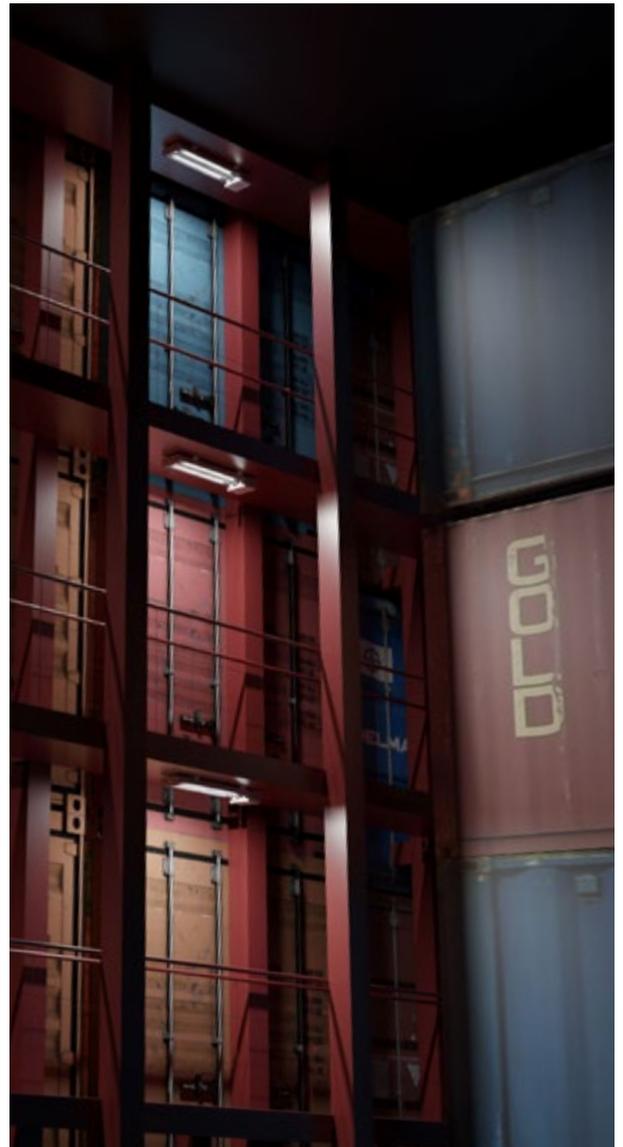
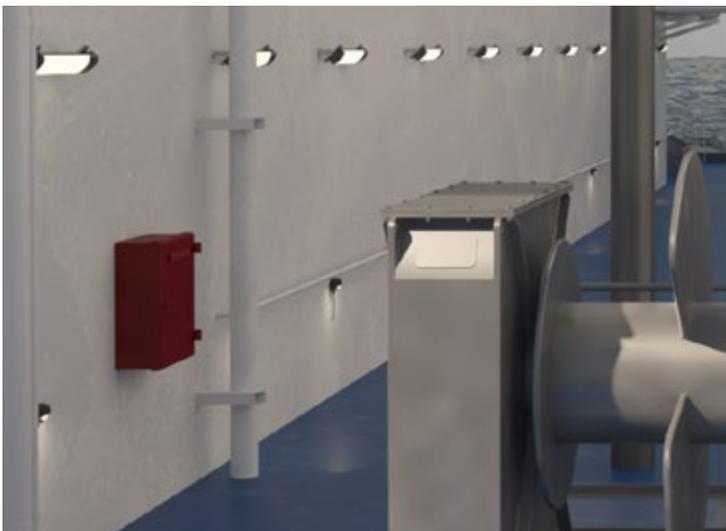


Maritime Lighting



We are a family-owned company founded in Hamburg in 1919 and have a passion for developing electrical installation materials, maritime lighting products and CCTV video surveillance systems that deliver our customers high quality and ease of operation.

We as manufacturer of ship installation materials know the harsh climate on the coast. These extreme conditions have shaped the demands on our products for over 100 years. The result is that everything we manufacture is made for the toughest environments.

Our Heritage. Your Benefit.

In order to deliver the best solutions and highest quality on time, we control every process of the entire supply chain ourselves. Research and development, design, purchasing, production, laboratory, marketing, sales and logistics as well as after-sales service – everything is in our hands and controlled by strict quality management.



Our state of the art robotics machine helping to ensure our lighting modules are assembled accurately and precisely every time.



The LED 4010 during IP protection class testing.



Our immersion basin for checking whether our products guarantee the specification of the IPX7 protection class.





Lighting that meets your demands.

When it comes to maritime lighting, our products will shed light on your needs. Whether floodlights which stay cool and navigate brighter, multi-purpose luminaires that make your everyday life easier, lighting that has been developed for use in hazardous areas or searchlights with precision and power – when it comes to maritime lighting, our solutions are versatile. Both – above and below deck.

LED Multi-Purpose Lights

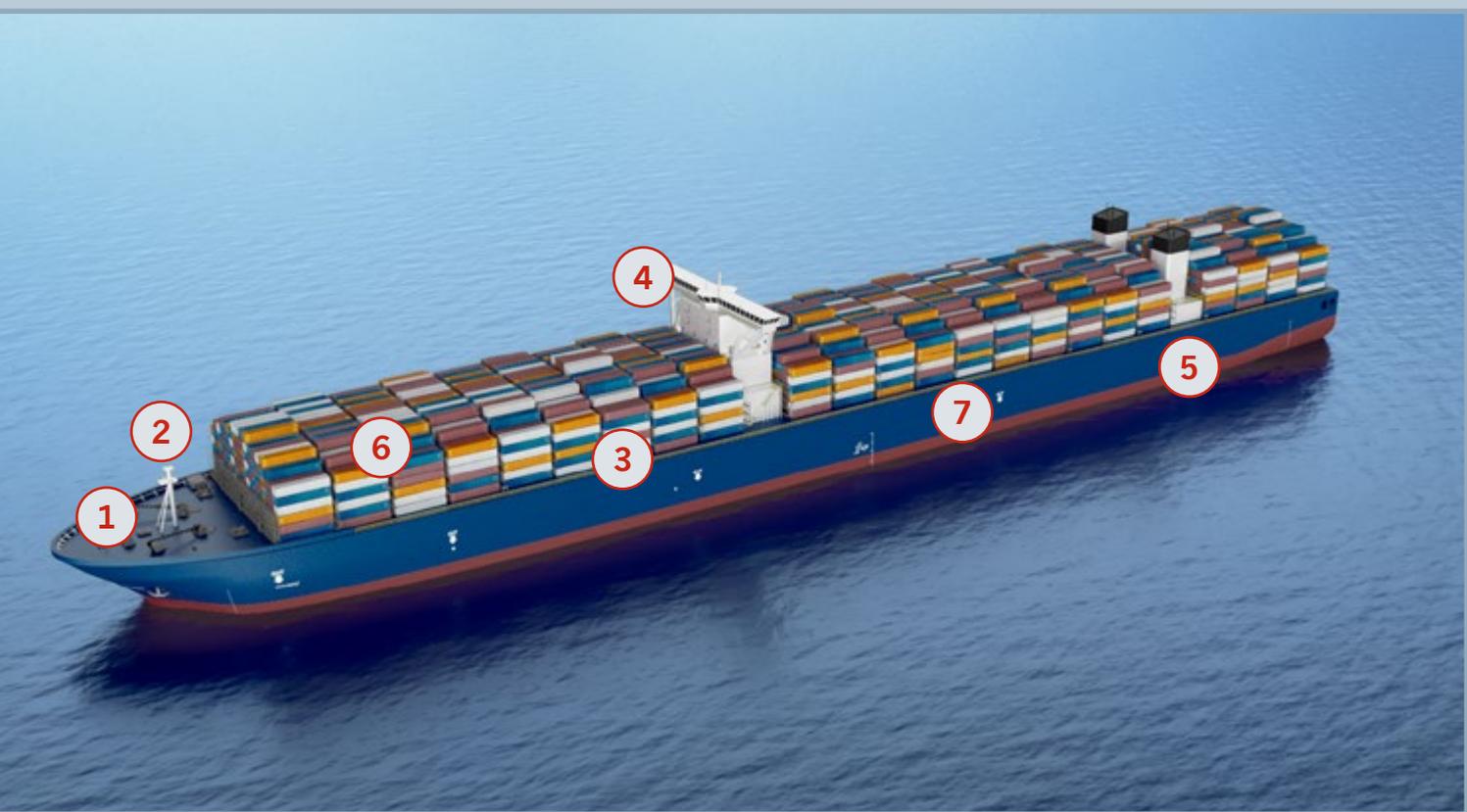
LED Floodlights

Searchlights

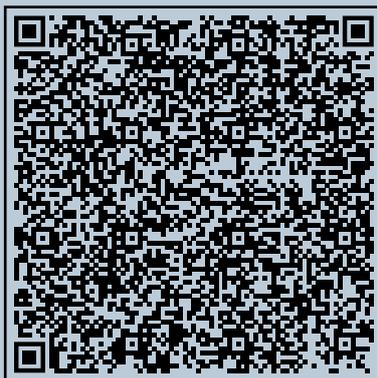
LED Ex-proof Lights

High quality manufacturing and where it comes into place.

- 1 Winch Area
- 2 Weather Deck
- 3 Side Passage Ways
- 6 Lashing Walkways
- 7 Cargo Holds



Explore our interactive maritime lighting ship:



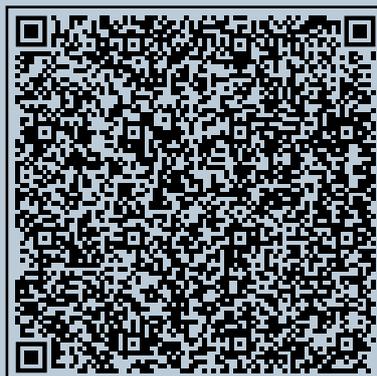
4 Wheelhouse Area

5 Engine Room

8 Manifold Area



Explore our interactive maritime lighting ship:



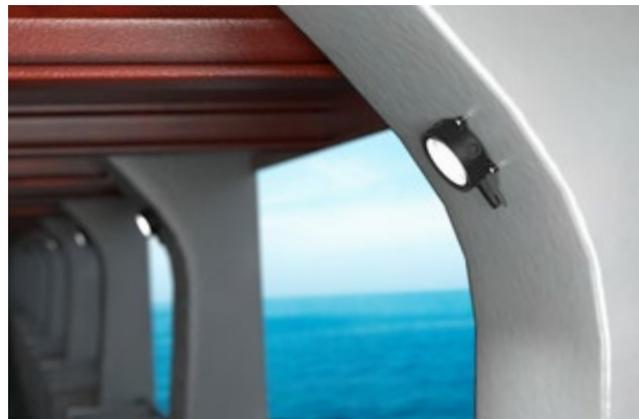


LED Luminaires

Our multi-purpose luminaires offer the perfect lighting solution in a maritime environment. Thanks to the flexibility and robustness of such a luminaire, it can be used for a wide range of applications in different environments, from indoor spaces to demanding outdoor areas.



LED luminaire 4010: Triple LED strips.



LED luminaire 2010: Lightweight and circular design.

LED Multi-purpose Luminaire 4010

The polycarbonate LED luminaire 4010 is built for extreme environments. Available with single, double or triple LED strips, giving you plenty of luminous flux options! A 24 V/DC Version as well as a 3 hour back up battery are available in both short and long models adding an extra level of security and peace of mind to users.



Rated lifetime: L70/B10 @Ta +45 °C

System lifetime: 100,000 h*

*Except short, single LED models: Rated lifetime L70/B10 @Ta +45 °C, system lifetime 50,000 hours.



2,400 - 7,200 lm
LED 4010 1/2/3 x 16 W



1,200 - 3,600 lm
LED 4010 1/2/3 x 8 W



2,400 - 7,200 lm
LED 4010 2 x 16 W
with battery back up



1,200 - 3,600 lm
LED 4010 2 x 8 W
with battery back up

LED Multi-purpose Luminaire 4000

One light solution that stands for two main factors: easy installation and zero maintenance. Thanks to the modular design, different tubes can be combined to create individual lighting solutions, just as you need them.



Rated lifetime: L70/B50 @Ta +35 °C

System lifetime: 100,000 h



1,400 lm
LED 4000 1 x 13 W, with COMBI®
MARITIM junction box



5,600 lm
LED 4000 2 x 26 W, with connection
cable



1,400 lm
LED 4000 1 x 13 W, with connection
cable



2,800 lm
LED 4000 2 x 13 W with quick
connectors

LED Multi-purpose Luminaire 2010

The lightweight and circular design of our LED 2010 is particularly suitable for installation in areas where there is not much space, such as hatch coaming areas or passage ways. Available as multi-voltage version 110 - 230 V AC or as a 24 V DC version.



Rated lifetime: L90/B10 @Ta +45 °C

System lifetime: 50,000 h



LED 2010 1 x 15 W, with one external push-in connector



LED 2010 1 x 15 W, with through-wiring external push-in connectors.

Multi-purpose Luminaire 2000

Our proven luminaire 2000, which has been successful on the market for decades, impresses with its reliable performance in many colour options. Easy to install without any tool and its corrosion resistancy makes it longevity. Available as flash electronic, incandescent lamp as well as LED lamp.



LED 2000 1 x 5 W, globe colour clear



Colour options: red, yellow, clear, green, blue

LED Multi-purpose Luminaire COMBI® MARITIM 304 LED

The COMBI® MARITIM 304 LED is ideal for various applications on a ship, such as the illumination of doors, passageways and many more!



LED 304 1 x 2,5 W



A VentGLAND M20 and an ESKV M20 are included.

Rated lifetime: L90/B10 @Ta +45 °C

System lifetime: 30,000 h

COMBI® MARITIM 304 System

The COMBI® MARITIM 304 LED is part of our new COMBI® MARITIM 304 system – a high-quality, seawater-resistant plastic alternative for the classic maritime HNA brassware. It is lead-free and available even in protection class IP66/67 available. The COMBI® MARITIM 304 system consists of a junction box, rotary switch and LED light – manufactured from polypropylene and TPE in twin-shot injection moulding in Kaltenkirchen. Thanks to the use of these materials, climate-damaging emissions are reduced by around 90 %.



COMBI® MARITIM 304 LED light



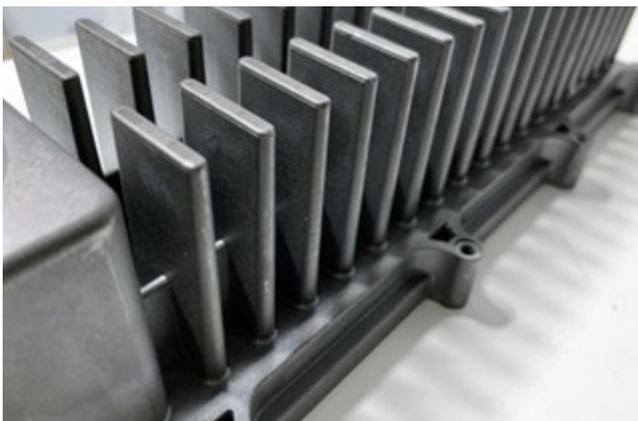
COMBI® MARITIM 304 junction box



COMBI® MARITIM 304 rotary switch

LED Floodlights

Our LED floodlights are ideal for the maritime environment as they are not only flexible and robust, but can also withstand the harsh conditions at sea. Their adaptability allows them to be used in a variety of environments. They are an essential part of maritime equipment as they contribute to safety and functionality on board.



LED Floodlight 5000 has truly unique plastic housing unit. This conducts the heat and ensuring the unit remains cool.



LED Floodlight 5010 High Lumen Output, our latest innovation in maritime lighting technology.

LED Floodlight 5000

This floodlight is very robust and corrosion-free due to the combination of plastic units and stainless steel casing. This revolutionary design of the plastic units conducts the heat, ensuring the units remain cool and ensures a long lifetime of the floodlight. Available in 3 beam types: wide, medium (standard option) and narrow beam.



Rated lifetime: L70/B10 @Ta +45 °C

System lifetime: 120,000 h



LED 5000 1 x 40 W



LED 5000 2 x 40 W



LED 5000 3 x 40 W



LED 5000 4 x 40 W

LED Floodlight 5010 with high lumen output

This powerful LED floodlight is designed specifically to meet the rigorous demands of marine environments, ensuring that your vessel is equipped with the most reliable and efficient illumination available. Available in 3 beam types: wide, medium and narrow beam.



Rated lifetime: L80/B10 @Ta +45° C

System lifetime: 100,000 h



LED 5010 1 x 220 W, white.
Also available in black



LED 5010 2 x 220 W, white.
Also available in black

Ballast Unit

The LED 5010 High Lumen Output comes with a ballast unit with DALI D4i standard, designed to regulate and optimise power delivery, ensuring stable and efficient performance in all maritime conditions. Built with robust materials to withstand harsh environments, the ballast unit enhances energy efficiency and longevity of the lighting system. At the same time, it offers a safe and easily accessible maintenance option.





Searchlights

In the maritime industry, searchlights are used for navigation at night, for search and rescue operations, for forward-looking safety and communication. With our WISKA searchlights, you are ideally prepared for such challenges.



With its high lumen output, the LED searchlight ensures bright and clear illumination.



The booster and scan functions of the LED searchlight further enhance visibility and safety during critical operations,

LED Searchlight

This state-of-the-art LED searchlight exemplifies our commitment to high-end quality, performance, and durability, addressing the growing demand for modern LED lighting solutions in the maritime sector.



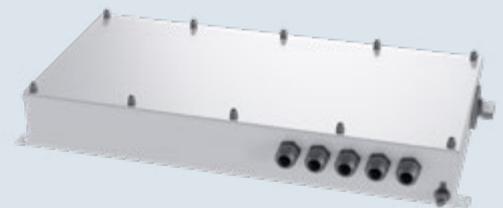
up to 36,000 lm, 1,7 Mio cd



SD-2x145, 2 x 100 W searchlight,
2 x 145 W floodlight

Ballast Unit (PSUD)

The ballast unit can be installed inside or outside. It provides the functions like morse, dimming and changing the beam.



Remote Control Unit (RCU-E-D)

The new intuitive remote control unit allows operators to seamlessly switch between searchlight and floodlight modes and activate advanced features such as the booster, scan and morse functions. With the home position function, the searchlight can automatically return to a predetermined position, ensuring optimal readiness at all times. The endless rotation capability, controlled through the pan/tilt unit, provides unparalleled flexibility and precision in beam positioning.

Additionally, the remote control unit can be set up and configured to meet specific user requirements, offering a tailored lighting solution for every maritime application.



Searchlights

Our searchlights are available in different configurations to suit various applications and illumination ranges – to get a searchlight that adapts to your requirements. They are suitable for all ocean-going and inland-waterway vessels – typical examples being merchant vessels, along with Defence, Coastal Watch, Search & Rescue, Police, Customs and Fire fighting. The following components are available to suit different applications and illumination ranges.

Sizes of the octagonal housing & Lamps

Sizes	Lamps
<ul style="list-style-type: none"> • 200 mm • 300 mm • 400 mm • 450 mm 	<ul style="list-style-type: none"> • Halogen (SW) • Metal-halide (SH) • Xenon (SX)



Mounting - Pan / tilt units & control devices



- D** deck mounted
- DP** deck pedestal mounted
- C** cabin control
- CP** cabin control with pedestal
- RC** with pan & tilt unit (FL20/FL52) or remote control



Ballast Unit

For metal-halide and xenon lamps you will need a power supply unit.





Suez Canal Searchlight

This searchlight can be used on all vessels, regardless of the ship's size (both below and above 30,000 GT).



SKS 575 with ballast unit mounted on right side as standard.

Day Signalling Searchlight

Signalling safely: This is what our HML-ISO day signalling searchlights stand for. The ergonomic housing of our HML-ISO daylight signalling floodlight enables simple operation and convenient handling.



HML ISO 30 W



HML-ISO LED 15 W

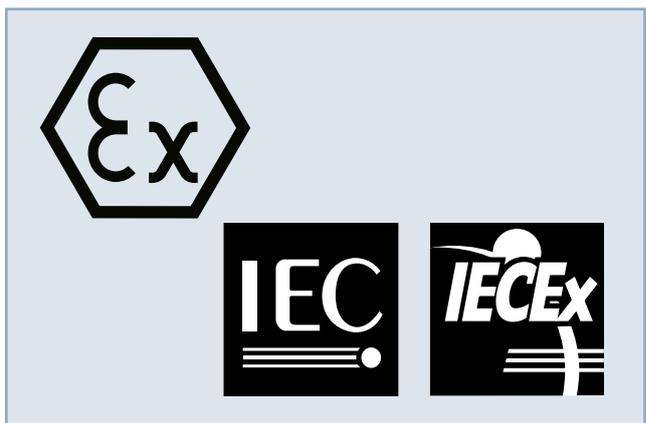


Ex-proof Lights

Our luminaires and floodlights with explosion proof are specially developed lighting that is used in areas where there is a risk of explosion and where potentially explosive materials may be located.



LED Ex-proof Floodlight 5200 ensures reliable lighting in hazardous areas of zone 2.



Certified safety: Our LED ex-proof lights are certified in accordance with ATEX and IECEx and are suitable for use in hazardous areas.

LED Ex-proof Multi-purpose Luminaire 4201

Spot on for highest demands: the Ex LED 4201 provides a robust solution for the extreme challenges in the maritime and offshore industries. The IECEx and ATEX certification makes it suitable for use in hazardous areas in **zone 1**.



Rated lifetime: L70/B50 @Ta +35 °C

System lifetime: 100,000 h



1,400 lm

Ex LED 4201 1 x 13 W



2,800 lm

Ex LED 4201 2 x 13 W



2,800 lm

Ex LED 4201 1 x 26 W



5,600 lm

Ex LED 4201 2 x 26 W

LED Ex-proof Floodlight 5200

The Ex LED Floodlight 5200 has all the same features as the 5000 (page 11), but is also approved for use in hazardous areas of **zone 2** and certified according to IECEx, ATEX and UKEX.



Rated lifetime: L70/B10 @Ta +45 °C

System lifetime: 120,000 h



8,000 lm

Ex LED 5200 2 x 40 W



16,000 lm

Ex LED 5200 3 x 40 W



12,000 lm

Ex LED 5200 4 x 40 W

Our LED lifetime indications

When selecting the right LED lighting, lifetime specifications are crucial. However, besides considering the luminous flux decrease of LED chips over a period of time, it is also important to verify the lifetime of all other related luminaire components as well.

Important data for your lighting design with our LED products

The **rated lifetime** indicates the conditions under which the specified system lifetime applies and **primarily refers to the LED chips**.

Lxx [%] / Byy [%] @Ta [°C]

L value = Ø Lumen maintenance of LED in % when lifetime is reached

B value = % of LED below the L value

Ta value = Ambient temperature

The **system lifetime** indicates the **lifetime of the complete luminaire** (in hours) under the mentioned conditions and also includes all other luminaire components.

x.000 [h]

The number of hours refers to the complete luminaire including a driver and all other temperature sensitive components.

All factors can individually influence strong changes in LED lifetime. For your individual requirements in lighting planning we recommend to always ask for these key data when comparing different luminaires. This way you can make sure to find your individual solution.



Our tip

- If no ambient temperature is given for the stated lifetime, it always refers to @Ta +25 °C.
- If you only find one figure on the LED lifetime and nothing else, the following always applies: L70/B50 bei @Ta +25 °C.

MORE WISKA!

Our products for the maritime industry.

Reefer container
sockets & CEE



Cable Entries

Installation
Material



CCTV Video
Surveillance

About WISKA

Founded in Hamburg in 1919, we are today one of the leading manufacturers of electrical equipment, lighting products and CCTV video surveillance for electrical trade, industry and shipbuilding. We operate our own research and development facilities and production plants next door at our headquarters in Germany. Our global sales network of representatives and subsidiaries ensure a quick and personal on-site customer service for you. The WISKA Group today employs over 310 people worldwide.

Your expert for good cooperation and best quality products.
All products on **www.wiska.com**

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