



Lighting

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Searchlights

As a leading manufacturer of lighting for ships, KARL DOSE's searchlights in particular belong to the highlights of the portfolio. Now that the transition from conventional lights to LED is finally considered a necessity across the world, KARL DOSE has used the meantime to establish a broad LED portfolio. In addition to the VIRGO family which represents the premium line and is available in 6 different sizes, the SCORPIUS family in 3 different sizes represents the product for the more price sensitive part of the market. With these two product families all customer groups can be served. KARL DOSE is particularly proud of its customers from the SAR and Navy sectors - they were among the first customers and are still loyal to us today.





VIRGO 450 LED

KARL DOSE's unique reflector LED technology enables our most powerful searchlight from the VIRGO family to provide ranges over 5,000 meters in the extended range version.

Available in deck (D), cabin (C), pedestal (P) and remote control (R) versions.

- + Certified according to DNV and RMRS
- + Particularly durable due to the highest quality materials
- + Low maintenance thanks to LED technology
- + Can be extended by many features
- + Low energy consumption

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz
Wattage	max. 150 W
Range at 1lx	approx. 5,125 m
Luminous flux	approx. 23,200 lm
CCT (color)	6,500 K
Beam angle	1.5°; 3°; 5°; 8°

Options

Focus function	Loudspeakers	Ultraviolet light
Stabilization system	Camera	Additional heating
Bus system	Infrared light	Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

Searchlights

VIRGO 350 LED



VIRGO 350 LED

The slightly smaller brother of the VIRGO 450 - it effortlessly achieves ranges of up to 4,000 m and promises a long service life with its robust design.

Available in deck (D), cabin (C), pedestal (P) and remote control (R) versions.

- + Certified according to DNV and RMRS
- + Particularly durable due to the highest quality materials
- + Low maintenance thanks to LED technology
- + Can be extended by many features
- + Low energy consumption

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Wattage	max. 90 W
Range at 1lx	approx. 4,015 m
Luminous flux	approx. 14,230 lm
CCT (color)	6,500 K
Beam angle	1.5°; 3°; 5°; 8°

Options

Focus function	Loudspeakers	Ultraviolet light
Stabilization system	Camera	Additional heating
Bus system	Infrared light	Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



VIRGO 250 LED

With its reflector LED technology the VIRGO 250 achieves ranges of up to 2,435 m. It stands out with its efficiency and flexible usability.

Available in deck (D), cabin (C), pedestal (P) and remote control (R) versions.

- + Certified according to DNV and RMRS
- + Particularly durable due to the highest quality materials
- + Low maintenance thanks to LED technology
- + Can be extended by many features
- + Low energy consumption

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Wattage	max. 35 W
Range at 1lx	approx. 2,435 m
Luminous flux	approx. 5,245 lm
CCT (color)	6,500 K
Beam angle	1.5°; 3°; 5°; 8°

Options

Focus function	Loudspeakers	Ultraviolet light
Stabilization system	Camera	Additional heating
Bus system	Infrared light	Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Searchlights

VIRGO 192 LED



VIRGO 192 LED

Due to its flat design, our VIRGO 192 is the optimal choice for areas with little space. The searchlight achieves ranges of up to 1,840 m and is available in a remote control (R) version.

- + Certified according to DNV and RMRS
- + Particularly durable due to the highest quality materials
- + Low maintenance thanks to LED technology
- + Can be extended by many features
- + Low energy consumption

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	24 V DC and 12 V DC, 230 V AC and 115 V AC at 50/60 Hz on request
Wattage	max. 20 W
Range at 1lx	approx. 1,840 m
Luminous flux	approx. 750 lm
CCT (color)	6,500 K
Beam angle	1.5°; 3°; 5°; 8°

Options

Bus system

Infrared light

Additional heating

Camera

Ultraviolet light

Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



VIRGO 190 LED

With its small design, our VIRGO 190 is particularly suitable for manual control. With the sophisticated mirror reflectors it achieves ranges of up to 1,600 meters.

Available in deck (D), cabin (C), pedestal (P) and remote control (R) versions.

- + Certified according to DNV and RMRS
- + Particularly durable due to the highest quality materials
- + Low maintenance thanks to LED technology
- + Can be extended by many features
- + Low energy consumption

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Wattage	max. 15 W
Range at 1lx	approx. 1,600 m
Luminous flux	approx. 2,250 lm
CCT (color)	6,500 K
Beam angle	1.5°; 3°; 5°; 8°

Options

Bus system

Infrared light

Additional heating

Camera

Ultraviolet light

Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

Searchlights

VIRGO 188 LED



VIRGO 188 LED

With its attractive design, the smallest searchlight from KARL DOSE was constructed for yachts, tenders and speedboats. Available in a remote control (R) version.

- + Certified according to DNV and RMRS
- + Particularly durable due to the highest quality materials
- + Low maintenance thanks to LED technology
- + Can be extended by many features
- + Low energy consumption

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	24 V DC and 12 V DC
Wattage	max. 10 W
Range at 1lx	approx. 1,300 m
Luminous flux	approx. 1,500 lm
CCT (color)	6,500 K
Beam angle	1.5°; 3°; 5°; 8°

Options

Bus system

Infrared light

Morse function

Camera

Ultraviolet light

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



SCORPIUS 350 LED

Thanks to the seawater-resistant aluminum housing, our SCORPIUS is comparatively light. In terms of reliability, however, it is in no way inferior to other searchlights. Available in deck (D), cabin (C), pedestal (P) and remote control (R) versions.

- + Certified according to DNV
- + Low maintenance thanks to LED technology
- + Low weight due to aluminum housing
- + Robust design
- + Low energy consumption

Technical Data

Material and color	Housing: seawater-resistant aluminum; Brackets: stainless steel Powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC on request
Wattage	max. 175 W
Range at 1lx	approx. 950 m
Luminous flux	approx. 17,500 lm
CCT (color)	4,000 K
Beam angle	8°

Options

Loudspeakers

Additional heating

Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

Searchlights

Scorpius 250 LED



Scorpius 250 LED

The somewhat smaller SCORPIUS 250 is a popular model in the inland navigation sector. It manages ranges of up to 800 m and is available in the versions deck (D), cabin (C), pedestal (P) and remote control (R).

- + Certified according to DNV
- + Low maintenance thanks to LED technology
- + Low weight due to aluminum housing
- + Robust design
- + Low energy consumption

Technical Data

Material and color	Housing: seawater-resistant aluminum; Brackets: stainless steel Powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC on request
Wattage	max. 120 W
Range at 1lx	approx. 800 m
Luminous flux	approx. 12,370 lm
CCT (color)	4,000 K
Beam angle	8°

Options

Loudspeakers

Additional heating

Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



CANIS 450 Xenon

As a xenon searchlight, our CANIS is one of the most powerful searchlights in the world. The high range and the blue component in the light make it the perfect companion for journeys in polar regions. Available in the versions deck (D), cabin (C), pedestal (P) and remote control (R).

- + Certified according to DNV and RMRS
- + Complies with requirements for polar regions
- + Proven technology
- + Particularly high ranges
- + Resistant to corrosion

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz
Wattage	max. 1,000 W; 2,000 W; 3,000 W
Range at 1lx	up to 16,350 m
Luminous flux	up to 130,000 lm
CCT (color)	6,000 K
Beam angle	1° to 8° (focusable)

Options

- Bus system
- Loudspeakers
- Additional heating
- Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Searchlights

CANIS 350 Xenon



CANIS 350 Xenon

The CANIS combines proven design with proven technology and with its xenon lamps it is still one of the most powerful searchlights in the world. The Canis 350 can reach distances of up to 6,000 m and is available in the versions deck (D), cabin (C), pedestal (P) and remote control (R).

- + Certified according to DNV and RMRS
- + Also suitable as ice searchlight
- + Proven technology
- + Particularly high ranges
- + Resistant to corrosion

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz
Wattage	max. 500 W; 1,000 W
Range at 1lx	up to 10,350 m
Luminous flux	up to 32,000 lm
CCT (color)	6,000 K
Beam angle	1° to 8° (focusable)

Options

Bus system

Loudspeakers

Additional heating

Morse function

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



ORION SKS

The ORION Suez Canal Searchlight has been specially designed to meet the requirements for crossing the Suez Canal. According to the Suez Canal specification, the searchlight is available in 2,000 W and 3,000 W versions.

- + Mandatory for crossing the Suez Canal
- + Certified according to DNV
- + Proven technology
- + Robust design
- + Lightweight aluminum housing

Technical Data

Material and color	Seawater resistant aluminum, powdercoated in RAL 9016, other colors on request
IP protection class	IP 56
Input voltage	230 V AC and 115 V AC at 50/60 Hz
Wattage	Max. 2,000 W for ships with <30,000 SC.G.T Max. 3,000 W for ships with >30,000 SC.G.T
Authorization	DNV according to Suez Canal specification
Certificate No.	TAE00003VG revision 2
Approval documentation	BSH test report: 4615/4040549/07(2007-03-16) GL type test report 7670076283655(2007-05-11) Dwg. 2166610 rev.0, 2201034 rev.0, 2202067 rev.0, 2201080 rev.0, 2201082 rev.0

Options

Persenning

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Searchlights

DRACO HSL LED



DRACO HSL LED

With the DRACO HSL LED, KARL DOSE is a pioneer and has already had the LED version of the signalling light in its product range for several years. Thanks to the sturdy case and the integrated battery, the signallight can be used anywhere and at any time.

- + Integrated battery
- + BSH authorization
- + Resistant to seawater
- + Long service life
- + Low weight

Technical Data

Material and color	Seawater resistant aluminum, powdercoated in RAL 9016
IP protection class	IP 56
Weight	Case: approx. 2 kg; signalling light: approx. 1.6 kg
Signaling	Electric groping
Sighting system	Sighting tube
Charger	230V AC, 12 DC at 1.5A
Battery	Lithium-ion with 3 cells each 4.2 V
Range at 2lx	180 m
Range during day	2 NM / 3.6 km
Luminous flux	300 lm
Luminous intensity	Min. 60,000 cd
Beam angle	2°
Authorization	BSH according to IMO Resolution MSC 95(72) IEC 60945 and ISO 25861

Options

Filter discs

Outdoor brackets

Indoor brackets

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

While technology is constantly evolving, regulations are also changing. As a result, tried-and-tested items have to give way from time to time, and conventional lighting must either be replaced or retrofitted in accordance with EU legislation. As long as stocks last, the old classics are still available. We are also happy to help with the conversion of existing lights to LED. Please feel free to contact us.



ANDROMEDA HALOGEN

ANDROMEDA HALOGEN

Material and color	Stainless steel powdered in RAL 9016, other colors on request
IP protection class	IP 56
Wattage	250 W to 3,000 W
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Range at 1lx	670 m to 2,760 m
Luminous flux	6,200 lm to 82,000 lm
CCT (color)	3,200 K

Options

Focus function

Morse function

Fire fighting (Fifi)

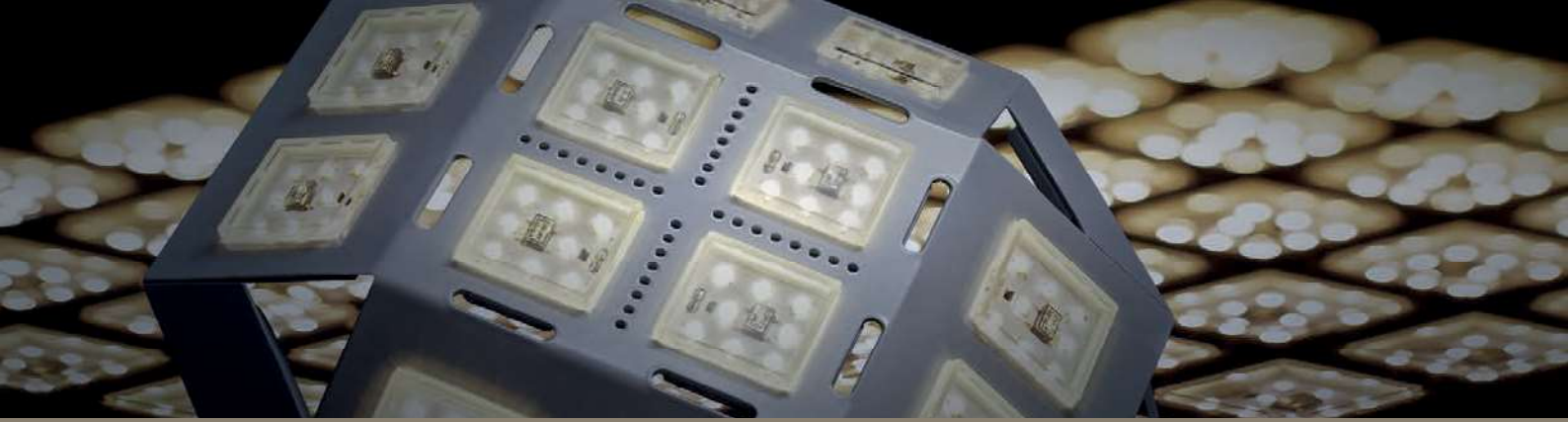


DRACO HALOGEN

DRACO HALOGEN

Material and color	Seawater resistant aluminum, powder-coated in RAL 9016
IP protection class	IP 56
Range at 2lx	180 m
Range at daytime	2 NM / 3.6 km
Luminous intensity	Min. 60,000 cd
Authorization	BSH according to IMO Resolution MSC 95(72) IEC 60945 and ISO 25861

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.



Floodlights

The powerful LED floodlights from KARL DOSE have been convincing for many years with best light values and up to 95% lower energy consumption compared to conventional floodlights. They allow an optimal illumination of large and small areas from different distances. Thanks to the selection of highest quality materials the LED floodlights are characterized by durability, reliability and design. With a strong variety in KARL DOSE's portfolio our customers can be sure to find the right floodlight for their requirements.





AURIGA 200 LED

Where there is little space but a lot of light is needed, the AURIGA 200 is the best choice. High-quality LEDs and the stainless steel housing guarantee a very long service life.

- + Particularly durable due to the highest quality materials
- + Classic design
- + Robust construction
- + Modern LED technology
- + Low energy consumption
- + Simple assembly

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 67
Weight	approx. 5.1 kg
Environmental temperature	-25°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Wattage	max. 34 W
Luminous flux	approx. 4,000 lm
CCT (color)	6,300 K
Beam angle	10°; 28°; 62°
Dimensions	H287xW322xD163 (mm)

Options

Other LED colors	With cable
Other CCT (colors)	Electropolished version

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Floodlights

AURIGA 1000 LED



AURIGA 1000 LED

The AURIGA 1000 is a deck floodlight in a classic design. With its robust stainless steel housing and high-quality LEDs it can be used in any environment and defies all weather conditions.

- + Classic design
- + Robust construction
- + Modern LED technology
- + Low energy consumption
- + Identical mounting points compared to old HPS floodlights

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 67
Weight	approx. 11.6 kg
Environmental temperature	-25°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Wattage	max. 65 W
Luminous flux	approx. 8,000 lm
CCT (color)	6,300 K
Beam angle	10°; 28°; 62°
Dimensions	H319xW473xD245 (mm)

Options

Other LED colors

With cable

Other CCT (colors)

Electropolished version

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



AURIGA 2000 LED

State-of-the-art LED technology in a classic design - this is what KARL DOSE's AURIGA product family stands for. Thanks to highest quality materials, the AURIGA lasts practically a lifetime.

- + Classic design
- + Robust construction
- + Modern LED technology
- + Low energy consumption
- + Identical mounting points compared to old HPS floodlights

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 67
Weight	approx. 28 kg
Environmental temperature	-25°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz
Wattage	max. 130 W
Luminous flux	approx. 16,000 lm
CCT (color)	6,300 K
Beam angle	10°; 28°; 62°
Dimensions	H510xW572xD235 (mm)

Options

Other LED colors

With cable

Other CCT (colors)

Electropolished version

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Floodlights

TUCANA LED

Through the innovative use of ceramics as a cooling system the TUCANA family creates luminous intensities of up to 30,000 lm without sacrificing durability. The housing is made of stainless steel adding to the robustness of the floodlights.

- + Attractive design
- + Excellent heat management
- + Simple assembly
- + LED modules can be exchanged easily

Technical Data

Material and color	Stainless steel powdercoated in RAL 9016, other colors on request
IP protection class	IP 67
Environmental temperature	-25°C to +40°C
Luminous flux	up to 30,000 lm
CCT (color)	4,000 K
Beam angle	45°x20°; 120°x120°



TUCANA 2

Luminous flux	approx. 2,000 lm
Input voltage	12 V DC, 24V DC, 230 V AC at 50/60 Hz
Wattage	max. 18 W
Weight	approx. 1.5 kg
Dimensions	H136xW168xD104 (mm)



TUCANA 4

Luminous flux	approx. 4,000 lm
Input voltage	24V DC, 230 V AC at 50/60 Hz
Wattage	max. 35 W
Weight	approx. 2.3 kg
Dimensions	H197xW168xD109 (mm)

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



TUCANA 6

Luminous flux	approx. 6,000 lm
Input voltage	24V DC, 230 V AC at 50/60 Hz
Wattage	max. 53 W
Weight	approx. 3.6 kg
Dimensions	H186xW231xD127 (mm)



TUCANA 12

Luminous flux	approx. 12,000 lm
Input voltage	24V DC, 230 V AC at 50/60 Hz
Wattage	max. 105 W
Weight	approx. 6.8 kg
Dimensions	H239xW294xD139 (mm)



TUCANA 20

Luminous flux	approx. 20,000 lm
Input voltage	230 V AC at 50/60 Hz
Wattage	max. 175 W
Weight	approx. 11.5 kg
Dimensions	H361xW361xD158 (mm)



TUCANA 30

Luminous flux	approx. 30,000 lm
Input voltage	230 V AC at 50/60 Hz
Wattage	max. 260 W
Weight	approx. 14.5 kg
Dimensions	H331xW424xD150 (mm)



TUCANA ARGUS

Luminous flux	approx. 12,000 lm
Input voltage	24 V DC, 230 V AC at 50/60 Hz
Wattage	max. 105 W
Weight	approx. 6.8 kg
Dimensions	H324xW318xD164 (mm)

Options

Electropolished version

With cable

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Floodlights

HERCULES LED 3



HERCULES LED 3

The powerful HERCULES LED 3 brings the light to the point. Due to the narrow beam angle, the floodlight manages to precisely illuminate distant areas.

- + High luminosity due to high power LEDs
- + Low weight
- + Excellent heat management
- + Resistant to seawater
- + Very robust housing

Technical Data

Material and color	Housing: seawater resistant aluminum powdercoated in RAL 9016, other colors on request; Brackets: stainless steel
IP protection class	IP 67
Weight	approx. 11.7 kg
Environmental temperature	-40°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 220 V DC
Wattage	max. 160 W
Luminous flux	approx. 18,000 lm
CCT (color)	6,300 K
Beam angle	32°
Dimensions	H349xW405xD215 (mm)

Options

With cable

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



HERCULES 4 LED

The HERCULES family enjoys great popularity for crane arms due to its robustness. The HERCULES 4 reaches 22,000 lm effortlessly and is particularly suitable as an area floodlight with a beam angle of 120°.

- + High luminosity due to high power LEDs
- + Low weight
- + Excellent heat management
- + Resistant to seawater
- + Very robust housing

Technical Data

Material and color	Housing: seawater resistant aluminum powdercoated in RAL 9016, other colors on request; Brackets: stainless steel
IP protection class	IP 67
Weight	approx. 11.7 kg
Environmental temperature	-40°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 220 V DC
Wattage	max. 180 W
Luminous flux	approx. 22,000 lm
CCT (color)	6,300 K
Beam angle	120°
Dimensions	H349xW405xD215 (mm)

Options

With cable

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Floodlights

CHAMAELEON LED



CHAMAELEON 2

A floodlight system in modular design which can be individually expanded. Do you need more light than you thought?
No problem! Just put another module on the floodlight.

- + Modular design, individually configurable
- + Low weight
- + Excellent heat management
- + Low energy consumption
- + Resistant to corrosion

Technical Data

Material and color	Seawater resistant aluminum powdercoated in RAL 9016, other colors on request
IP protection class	IP 67
Environmental temperature	-25°C to +40°C
Input Voltage	24V DC, 230 V AC at 50/60 Hz
Luminous flux	up to 14,000 lm
CCT (color)	5,000 K
Beam angle	60°; 90°; 120°; 150°x90°; 155°x120°



CHAMAELEON 1

Luminous flux	approx. 3,500 lm
Wattage	max. 30 W
Weight	approx. 3 kg
Dimensions	H196xW259xD126 (mm)



CHAMELEON 2 (on top of each other)

Luminous flux	approx. 7,000 lm
Wattage	max. 60 W
Weight	approx. 6 kg
Dimensions	H276xW259xD126 (mm)

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



CHAMELEON 2 (next to each other)

Luminous flux	approx. 7,000 lm
Wattage	max. 60 W
Weight	approx. 6 kg
Dimensions	H196xW477xD126 (mm)



CHAMAELEON 3

Luminous flux	approx. 10,500 lm
Wattage	max. 90 W
Weight	approx. 9 kg
Dimensions	H356xW259xD126 (mm)



CHAMAELEON 4

Luminous flux	approx. 14,000 lm
Wattage	max. 120 W
Weight	approx. 12 kg
Dimensions	H276xW477xD126 (mm)

Options

With cable

Floodlights

COLUMBA LED



COLUMBA LED

When looking for a spotlight, you come across the COLUMBA. Due to its sophisticated design, the heat is conducted particularly well and allows the spotlight to last a long time.

- + Excellent heat management
- + Very suitable as spotlight
- + Light and compact
- + Low energy consumption
- + Different mounting options

Technical Data

Material and color	Seawater resistant aluminum powdercoated in RAL 9016
IP protection class	IP 56
Weight	approx. 6 kg
Environmental temperature	-40°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz, 24 V DC
Wattage	65 W
Luminous flux	5,415 lm
CCT (color)	6,300 K
Beam angle	10°; 28°; 62°
Dimensions	H275xW230xD160 (mm)

Options

Wall bracket

Swivel arm

With cable

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



ARGO NAVIS LED

Our classic dock floodlight made from brass is now also available in LED. Due to IP 68 it is particularly suitable in areas where it can get more than wet. The robust housing with optional grid promises suitability for extreme environments.

- + High IP protection class
- + Unbreakable brass housing
- + Low energy consumption
- + Broad, homogeneous illumination

Technical Data

Material and color	Brass
IP protection class	IP 68 (can dive 20m deep)
Weight	approx. 15 kg
Environmental temperature	-35°C to +40°C
Input voltage	230 V AC and 115 V AC at 50/60 Hz
Wattage	max. 64 W
Luminous flux	approx. 7,600 lm
CCT (color)	6,000 K
Beam angle	140° C
Dimensions	H300xW444xD172 (mm)

Options

Protection grid

Pressure compensation hose

Other CCT (colors)

External terminal box

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Floodlights

Discontinued product HYDRUS

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HYDRUS VH1000

HYDRUS VN400 -VN1200; VH200-1000

Housing and color	Housing and bracket made of stainless steel, powdercoated in RAL 9018
Weight	approx. 2.5 - 13.5 kg
IP protection class	IP 67
Input voltage	230 V AC at 50 Hz
Wattage	200 - 1,200 W
Luminous flux	3,200 - 180,000 lm
CCT (color)	2,000 K
Lamp socket	E40; R7s

Options

- NAV lamp 400 W
- Halogen lamp 200 W
- Halogen lamp 1,000 W
- NAV lamp 600 W
- Halogen lamp 500 W

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.



PERSEUS AL1000

PERSEUS AL200 -AL1000

Housing and color	Housing made of seawater resistant aluminum, powdercoated in RAL 9018
IP protection class	IP 66
Input voltage	230 V AC at 50 Hz, 24 V DC
Wattage	200 - 1,000 W
Luminous flux	3,200 - 22,000 lm
CCT (color)	2,950 K
Lamp socket	R7s

Options

Halogen lamp
200 W

Halogen lamp
400 W

Halogen lamp
750 W

Halogen lamp
1,000 W



CORVAS 225

CORVAS 225 - 385

Material and color	Housing: Brass, Reflector: Copper (chromium-plated)
Weight	approx. 3.6 - 5.9 kg
IP protection class	IP 56
Input voltage	230 V AC at 50 Hz, 24 V DC
Wattage	100 W - 250 W
Luminous flux	3,200 - 4,200 lm
CCT (color)	2,900 - 3,100 K
Lamp socket	E27, GY6.35

Options

Halogen lamp
100 W

Halogen lamp
250 W

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Interior and exterior lighting

Ships and other areas in the maritime environment require a variety of different luminaires. In the upcoming chapter you will find our interior and exterior lighting portfolio, such as wall and ceiling luminaires, linear luminaires, mobile work luminaires and underwater lights.

We offer our lights with energy-saving LED technology. All luminaires are basically also still available with conventional light sources - as long as the stock lasts and the legal requirements allow it.





NAOS LED

Linear luminaires have proven themselves over many years and are a good choice for in- and outdoor areas that require a lot of light.

- + Corrosion resistant stainless steel housing
- + Versatile use
- + Homogeneous light distribution
- + Uniform attachment points for all common makes

Technical Data

Material and color	Housing and clips: Stainless steel (blank); Cover: Polycarbonate (clear)
IP protection class	IP 66
Weight	approx. 3.5 kg
Dimensions	H135xW235xD694 (mm)
Environmental temperature	-40°C to +40°C
Input voltage	115 V AC, 230 V AC at 50/60 Hz, 24 V DC
Wattage	24 W
Luminous flux	approx. 4,000 lm
CCT (color)	3,000 K ; 4,000 K
Beam angle	120°

Options

Emergency light

With cable

Through-wiring

Other CCT (colors)

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

Linear luminaire

NAOS LF218 NEO LED / LF236 NEO LED



NAOS NEO LED

Our NAOS NEO linear luminaire replaces the conventional types 2x18 W and 2x36 W. It is suitable for indoor and outdoor areas.

- + Lightweight
- + Replacement for 2x 18 W and 2x 36 W
- + Uniform attachment points for all common makes
- + Robust construction IK 10

Technical Data

Material and color	Housing: Polycarbonate and ABS (RAL 7035), Cover: Polycarbonate (diffuse), Mounting clips: stainless steel
IP protection class	IP 66
Environmental temperature	-20°C to +50°C
Input voltage	230 V AC at 50/60 Hz; 230 V DC, 24 V DC
CCT (color)	3,000 K; 4,000 K; 6,000 K
Beam angle	120°

	NAOS LF 218 NEO LED	NAOS LF 236 NEO LED
Weight	approx. 1.4 kg	approx. 2.3 kg
Wattage	max. 16 W	max. 33 W
Luminous flux	approx. 2,200 lm	approx. 4,500 lm
Replacement for	2x 18 W	2x 36 W
Dimensions	H104xW155xD670 (mm)	H104xW155xD1280 (mm)
Fixing points	460 mm	880 mm

Options

Dimming function (Dali, DSI, 1-10 V)

Through wiring

Emergency power supply (stand-by circuit)

With cable

Emergency power supply (continuous lighting)

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



SERPENS LED

With its round design, this linear luminaire can be used universally and has an advantageous beam angle of 120°, which ensures optimum illumination results.

- + Suitable for conditions with limited space
- + Homogeneous light distribution
- + Simple assembly thanks to mounting clamps
- + Variable mounting points

Technical Data

Material and color	Tube: Polycarbonate (diffuse), Caps: Polycarbonate (black), Mounting clamps: stainless steel
IP protection class	IP 67
Environmental temperature	-25°C to +40°C
Input voltage	230V AC and 115 V AC at 50/60 Hz, 24 V DC
CCT (color)	4,000 K
Beam angle	120°

	SERPENS 60 LED	SERPENS 120 LED
Weight	approx 1.45 kg	approx 2.55 kg
Wattage	max. 24 W	max. 48 W
Luminous flux	approx. 3,800 lm	approx. 7,500 lm
Dimensions	W730xØ90 (mm)	W1,310xØ90 (mm)
Fixing points	Variable	Variable

Options

Clear tube	Other CCT (colors)
Through-wiring	With cable

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Underwater light

HYDRA UL LED 120



HYDRA UL LED 120

The HYDRA UL LED underwater luminaire can be mounted on ceilings, walls or pillars. For permanent use under water we offer the highest IP protection class: IP 68.

- + 100% waterproof
- + Highest quality materials
- + Suitable for use in drinking water environments
- + Simple assembly thanks to mounting clamps
- + Can be used above and under water
- + Can be used at depths of up to 20 m

Technical Data

Material and color	Tube: PMMA (diffuse); Caps: PMMA (white); Mounting clamps: stainless steel
IP protection class	IP 68
Environmental temperature	-30°C to +30°C
Input voltage	230 V AC, 24 V DC
Beam angle	120°

	HYDRA 60 LED	HYDRA 120 LED
Weight	approx. 1.4 kg	approx. 2.6 kg
Wattage	max. 24 W	max. 48 W
Luminous flux	approx. 3,800 lm	approx. 7,500 lm
Dimensions	W730xØ80 (mm)	W1,240xØ80 (mm)

Options

Up to 50 m depth

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



Almost two meters long, the diving light with a beam angle of 360° is ideal for illuminating shafts or wells all around. It is hung in the water and maintains its vertical alignment thanks to a weight at the end of the tube.

- + 100% waterproof
- + Highest quality materials
- + Mobile deployability
- + Can be used at depths of up to 20 m

Technical Data

Material and color	Tube: Polycarbote (clear); Caps: Polycarbonate (white); Mounting material: stainless steel
IP protection class	IP 68
Weight	approx. 8.2 kg
Environmental temperature	-30°C to +30°C
Input voltage	230 V AC, 24 V on request
Wattage	max. 110 W
Luminous flux	approx. 17,600 lm
Beam angle	360°
Dimensions	W1,943xØ80 (mm)

Options

Up to 50 m depth

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

Ceiling light

HEKA LED



HEKA LED

The most popular of our brass lights HEKA is used in many ways. Known as standard light it is installed on board on upper decks in stores or engine rooms.

- + Robust design thanks to brass housing and impact-resistant macrolon cover
- + Modern LED technology
- + Optimal light distribution thanks to specially developed cover
- + No ballast necessary
- + Conversion of existing luminaires with LED replacement kit

Technical Data

Material and color	Brass housing with diffuse polycarbonate cover
IP protection class	IP 56
Weight	approx. 0.8 kg
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC, 115 V AC, 24 V DC
Wattage	max. 8 W
Luminous flux	approx. 800 lm
Beam angle	120°
Dimensions	H127xW116xD114 (mm)

Options

LED replacement kit

Other CCT (colors)

Conventional lamps

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



MINOR LED

Our small light MINOR can be used anywhere where there is little space but light is necessary. Due to protection class IP 56 it is versatile.

- + Robust construction due to brass housing and optional grid
- + Modern LED technology
- + No ballast necessary
- + Conversion of existing luminaires with LED replacement kit

Technical Data

Material and color	Brass housing with diffuse glass cover
IP protection class	IP 56
Weight	approx. 0.7 kg
Environmental temperature	-40°C to +45°C
Input voltage	230 V AC, 115 V AC, 24 V DC
Wattage	max. 4.5 W
Luminous flux	approx. 400 lm
Beam angle	120°
Dimensions	H137xW80xD100 (mm)

Options

LED replacement kit

Conventional lamps

Other CCT (colors)

Grid

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Ceiling light

OCTANS



OCTANS

As a lower deck light OCTANS can be found on numerous ships. Thanks to high quality and a wide range of variants no customer wish remains unfulfilled.

- + Robust design thanks to brass housing
- + High diversity of variants
- + Versatile use due to non-sensitive materials
- + Conversion of existing luminaires with LED replacement kit

Technical Data

Material and color	Brass housing with clear glass cover
IP protection class	IP 56
Weight	approx. 1.4 kg
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC at 50/60 Hz
Lamp socket	E27, others on request
Wattage	max. 100 W
CCT (color)	2,700 K
Beam angle	180°
Dimensions	H253xø164 (mm)

Options

Copper lampshade reflector

Without socket

Protective grid

Lamp

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



PEGASUS LED

The flat ceiling light PEGASUS has been in use on ships for decades. Now we have incorporated LED technology - tradition meets modernity.

- + Robust design: Brass housing and grid
- + Modern LED technology
- + Space-saving due to flat design
- + Conversion of existing luminaires with LED replacement kit

Technical Data

Material and color	Brass housing with clear glass cover
IP protection class	IP 56
Weight	approx. 4.6 kg
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC, 115 V AC, 24 V DC
Wattage	max. 17 W
Luminous flux	approx. 1,600 lm
Beam angle	140°
Dimensions	H298xW22xD122 (mm)

Options

LED replacement kit

Other CCT (colors)

Conventional lamps

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Wall light

AQUARIUS



AQUARIUS LED

Our ceiling light AQUARIUS impresses with its classic maritime design and is popular in interior and guest areas of ships.

- + Robust construction: Brass housing, reflector and grid
- + Uniform light distribution
- + Versatile use due to non-sensitive materials
- + Decorative

Technical Data

Material and color	Housing and flange: brass; Cover: Glass (clear); Reflector: copper
IP protection class	IP 56
Weight	approx. 3.2 kg
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC at 50/60 Hz
Lamp socket	E27, others on request
Wattage	max. 200 W
CCT (color)	2,700 K
Beam angle	120°
Dimensions	ø310xH280 mm

Options

Protective grid

Reduction connection thread

Without Lamp

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



AQUILA LED

Also known as Holland light our AQUILA is a classic among the wall-mounted luminaires. In addition to its high quality and its maritime charm it impresses with optimal light distribution.

- + Robust design thanks to brass housing and impact-resistant macrolon cover
- + Modern LED technology
- + Optimal light distribution thanks to specially developed cover
- + No ballast necessary

Technical Data

Material and color	Brass housing with diffuse polycarbonate cover
IP protection class	IP 56
Weight	approx. 1.3 kg
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC, 115 V AC, 24 V DC
Wattage	max. 8 W
Luminous flux	approx. 800 lm
Beam angle	120°
Dimensions	H122xW105xD139 (mm)

Options

LED replacement kit

Other CCT (colors)

Conventional lamps

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.

Flashlight

GEMINI



GEMINI

Our high-quality flashlight GEMINI is used as an alarm light. It is often used on governmental vessels or ships from rescue services and aid organizations.

- + Robust construction thanks to brass housing
- + Reliable in safety-relevant locations
- + Strong flash power thanks to high quality flash insert
- + Flash insert replaceable

Technical Data

Material and color	Brass housing with red polycarbonate structured globe
IP protection class	IP 56
Weight	approx. 1 kg
Environmental temperature	-25°C to +45°C
Input voltage	230 V AC und 110 V AC at 50/60 Hz, 24 V DC
Flash energy	10 Joule
Frequency	60 flashes/min
Lifetime	After 8,000,000 flashes still 85% light intensity
Dimensions	H165xW115xD121 (mm)

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.



CAPRICORN LED

The new CAPRICORN series: the work light is made of durable, high-quality polycarbonate, making it even more robust than its predecessor.

- + Robust design IK 10
- + High light intensity without glare
- + Expandable as a chain of lights with up to 50 lights
- + „Self-healing“ cables: the cable sheathing closes again after disassembly of the luminaire
- + Low weight

Technical Data

Material and color	Polycarbonate housing and caps
IP protection class	IP 67
Weight	approx. 0.65 kg
Environmental temperature	-40°C to +50°C
Input voltage	42 V AC, 110 V DC, 24 V DC, 230 V AC on request
Wattage	max. 17 W
Luminous flux	approx. 2,000 lm
CCT (color)	5,000 K
Beam angle	360°
Dimensions	H280xØ90 (mm)

Options

Other CCT (colors)

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions. The actual values depend on environmental factors such as rain or fog.

Ceiling and wall lights

Discontinued products HEKA, MINOR

While technology is constantly evolving, regulations are also changing. As a result, tried-and-tested items have to give way from time to time, and conventional lighting must either be replaced or retrofitted in accordance with EU legislation. As long as stocks last, the old classics are still available. We are also happy to help with the conversion of existing lights to LED. Please feel free to contact us.



HEKA 131-2

HEKA 131, 132

Material and color	Brass housing with diffused polycarbonate cover
IP protection class	IP 56
Input voltage	230 V AC
Wattage	Max. 75 W
Lamp socket	E27
Light source	Delivery without bulb

Options

With protection grid

B22 socket

Powdercoated on request



MINOR 569

MINOR 568, 569

Material and color	Brass housing with clear glass cover
IP protection class	IP 56
Input voltage	230 V AC
Wattage	Max. 25 W
Lamp socket	E14
Light source	Delivery without bulb

Options

With protection grid

B15 socket

Powdercoated on request

Polished products available for an extra charge.

Ranges and luminous flux were measured or calculated under laboratory conditions.
The actual values depend on environmental factors such as rain or fog.