

Technical Datasheet

NEREUS 400 LED



TECHNICAL DATA

Type:	Submarine Lighting LED dimmable
Housing material:	Amagnetic stainless steel 1.4571
Lamp unit material:	Diffuse or clear polycarbonate cover available. Anodized LED heat-sink made of high-quality seawater-resistant aluminum. Lamp unit holder made of RG5 CuSn5Zn5P5 C
Housing colour:	All surfaces white powder-coated RAL 9016, other colors on request
Cable glands:	M18x1.5 in accordance with VG88846
Weight:	ca. 4.45 kg $\pm 3\%$ bis 10%
Ambient temperature:	-25°C to +45°C
IP protection:	IP 56 according to EN60529

ELECTRICAL DATA

Input Voltage:	115 V AC – 277 V AC, 115 V DC – 277 V DC, 24 V DC on request
Power Input:	15 W
Dimmable:	Potentiometer 0-10 V (electrical resistance)

LIGHTING DATA

Color temperature:	Daylight white 5,000 K
Color rendering index (CRI):	> 80 R_a
Luminous flux:	2,100 lm
Lighting efficiency:	168 lm/W
Beam angle:	> 120°
Flicker:	< 3%



Date of issue: 18.10.2023
Doc.no.: DB-8NER-03
Rev.no.: 00

Headquarters in Hamburg
KARL DOSE GmbH
Försterweg 73-77
22525 Hamburg
Germany

Contact us:
Website: www.karl-dose.com
Phone: 0049 (0)40 547322-0
E-Mail: sales@karl-dose.de

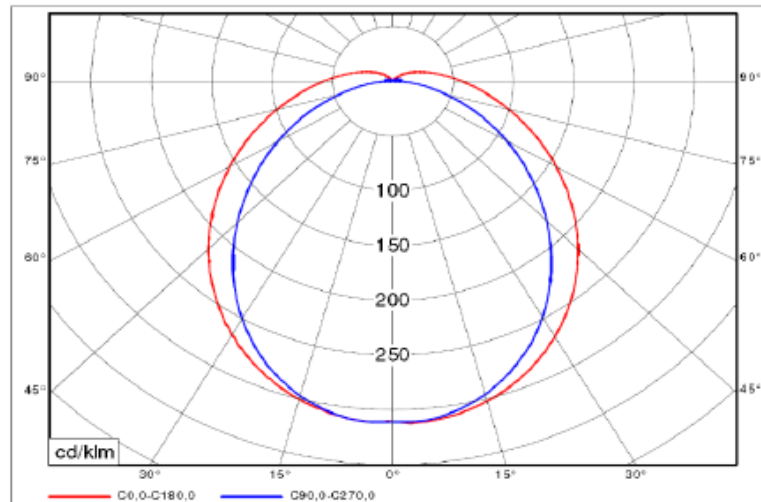


Technical Datasheet

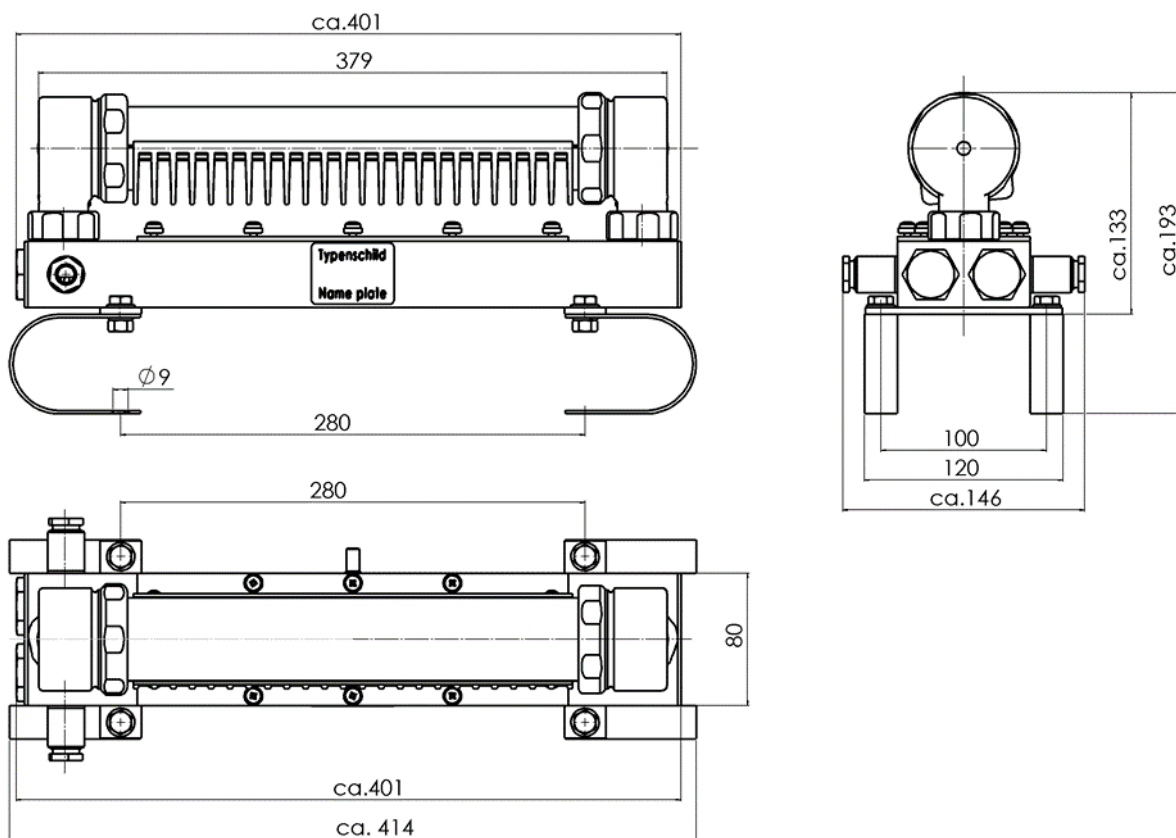
NEREUS 400 LED



LIGHT DISTRIBUTION



FIGURES



Date of issue: 18.10.2023
Doc.no.: DB-8NER-03
Rev.no.: 00

Headquarters in Hamburg
KARL DOSE GmbH
Försterweg 73-77
22525 Hamburg
Germany

Contact us:
Website: www.karl-dose.com
Phone: 0049 (0)40 547322-0
E-Mail: sales@karl-dose.de



Technical Datasheet

NEREUS 400 LED



OPTIONS

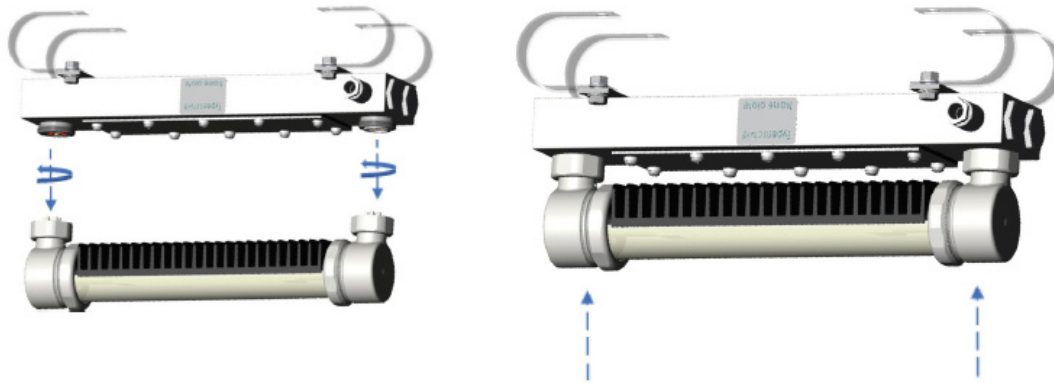
- Color temperature 4,000 K or 3,000 K
- Luminous flux: 2,500 lm
- Additional LED stripe with light colors: red or blue

FEATURES

- High-performance LEDs with a lifetime of over 60.000 hrs.
- LEDs and circuit board with very low heat generation
- Short circuit and overload protection
- UV resistant
- Homogeneous light
- Almost flicker free
- Adjustable LED unit for indirect light
- Dimmable
- A-magnetic
- Easy and fast assembly and maintenance

MAINTENANCE „PLUG AND PLAY“

The LED unit can be replaced quickly and easily by turning the connector without any tool. Just plug and play.



Date of issue: 18.10.2023
Doc.no.: DB-8NER-03
Rev.no.: 00

Headquarters in Hamburg
KARL DOSE GmbH
Försterweg 73-77
22525 Hamburg
Germany

Contact us:
Website: www.karl-dose.com
Phone: 0049 (0)40 547322-0
E-Mail: sales@karl-dose.de

