Marine Lantern
EE 155 N-CR

Order-Number
002 247 4XX-618

Application
Marine lantern for fixed or floating Aids to Navigations for the marking of fairways, piers and marine obstructions.

Standard version:

- available in clear, red, green, yellow lenses
- 6-place lamp changer
- electronic flasher
- Daylight switch
- halogen lamps up to 5A

Optional:

- vertical light distribution of 12° at 10% of I_0 with additionally distribution lens
- synchronisation by GPS
- flasher and lamp changer for 10A halogen lamps
- cable gland
- double filament lamps

The **PINTSCH BAMAG** marine lantern type **EE 155 N-CR** is a watertight light beacon for the marking of waterways and maritime obstructions.

Special features of this lantern are it's compact and lightweight GRP construction, it's very low weight, easy handling and servicing and it's very high luminosity.

The standard type is equipped with 6-place lamp changer (for up to 5A lamps), electronic flasher (256 different light characters possible), acrylic Fresnel lens, watertight connector for cable connection and a ventilation element to avoid condensation of water inside.

ISO 9001:2000

A08 237 000-954 (02/09 GB)

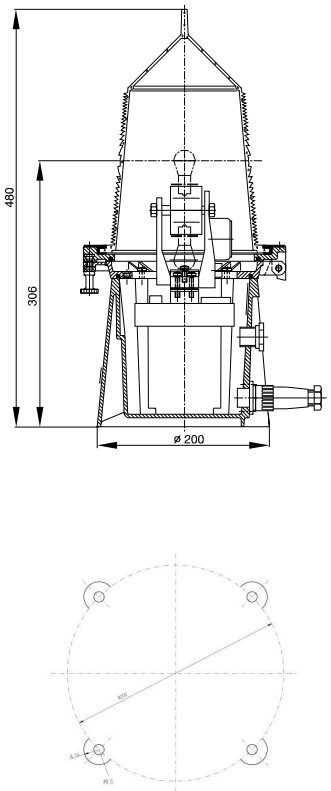
Technical data

Input voltage range:	10 – 18 V_{DC} (optional up to 30 V_{DC})
Operating temperature:	-25° … +55°C
Storage & transport:	-30° … +70°C
Rel. humidity:	max. 98%
Protection class:	IP65 (according DIN 40050)
Dimensions (∅ x h):	230 x 480 mm
Lens diameter:	155 mm
Focal height:	306 mm
Lens material:	Acrylic
Housing material:	GRP
Fastening holes:	4 x ∅ 9,6 mm
Bolt hole circle:	∅ 200 mm

Shipping data (approx.)

Net weight:	1.5 kg
Shipping weight:	3.0 kg
Shipping vol.:	0.03 m³

Dimensions



Photometric data (stationary light intensity for white[3] light)

halogen lamp[1] [1] 12 Volt	light intensity I_0 [cd]	vertical divergence at 50% of I_0	vertical divergence at 10% of I_0
5 W	150	2.5°	5.0°
10 W	400	2.7°	6.0°
20 W	650	3.0°	5.0°
35 W	1.000	3.0°	6.0°
50 W	1.800	3.5°	7.0°

1 halogen lamps with vertical filament
2 light character <50% light duration
3 Multiply by 0.30 for green and red light and by 0.68 for yellow light

Altorations reserved

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