



LED Lights

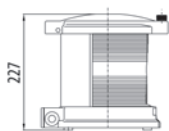
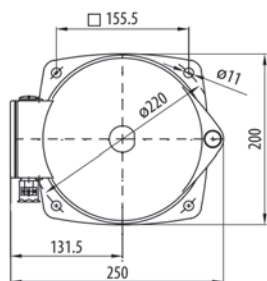


PETERS+BEY

Ship's Service · Sheet Metal Works

LED Navigation Lights Type 780

The Navigation Lanterns Type 780 are developed for all vessels more than 20 m in length according International Regulations for Preventing Collisions at Sea 1972.



Advantages:

- Certified lifetime 50.000 hours
 - single lantern
- Certified lifetime 100.000 hours
 - double lantern
- Maintenance free
- Low power consumption
- Single and double lantern have the same dimensions
- No spare bulbs any more
- Each light of a double lantern is equipped with it's own terminal box
- Ship's cable is easy to terminate straight into the light
- Durable materials and great structural strength
- Shock resistant
- Non corrosive
- Seawater resistant

Approvals:

- BSH (Bundesamt für Seeschifffahrt und Hydrographie)
Seagoing vessels
- GL (Germanischer Lloyd)
- UL 1104
- MED



Technical Data

LED Navigation Lights Type 780

[illegible]

Navigation Lanterns Panel

The Navigation Light Control Panel from Peters + Bey is developed for all types of lanterns, lights and other electrical equipment. LED or conventional lights can be used at the same time. With the Touch screen Panel you are able to control all electrical devices up to 2,8A. With the Touch Screen Panel you are able to choose different

silhouettes of vessels in the standard version. Individual silhouettes can be made.

The panel work with 24VDC. The equipment voltage can be 12/24V DC or 115/230V AC. Different voltages can be used at the same time.

Service via Internet is possible.

They system is constructed for up to 64 electrical devices.

If you start with less lights you are always able to push up the system.

Changes of the detected items can be made by the customer.

Approval:

- GL (Germanischer Lloyd)
- MED (Maritime Equipment Directive)

Control Unit

Type: PB-NLCP for max. 64 single lanterns

Art. No.: 7800100

12/24/115/230 Volt



Basis Measuring Module
Type: PB-MM-Basis for max. 8 single lanterns

Art. No.: 7800101

12/24/115/230 Volt

Measuring Module

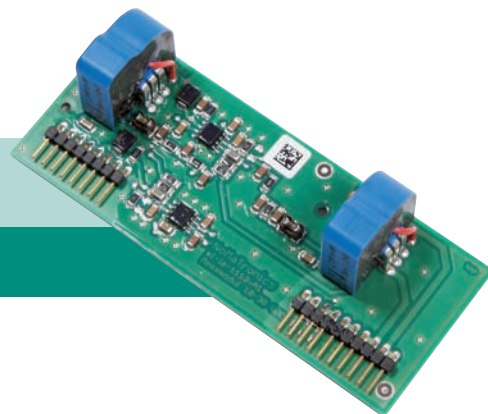
Type: PB-MM for max. 2 single lanterns

Art. No.: 7800102

115/230 Volt

Art. No.: 7800103

12/24 Volt



Touchscreen – 12.1" TFT LCD
Dimmable with alarm
Resolution: 1024x768, Luminance: 600cd/m²

Art. No.: 7800104

12/24 Volt

Maintenance free LED Lights for rough condition

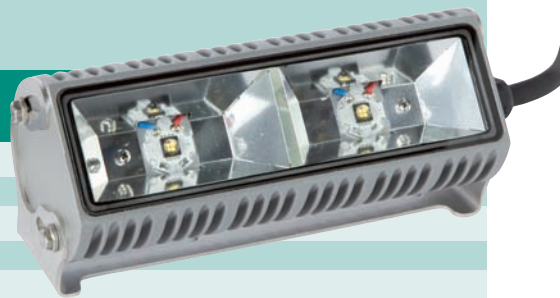
Advantages:

- Seawater resistant alloy
- High light intensity
- Compact housing
- Low power consumption
- Lifetime up to 40.000 hours
- Available in different voltages
- Shock and vibration resistant

To illuminate container walkways, steps, gangways and other facilities on vessels.

Technical Data LED-Floodlight Type PB FL12

Art. No.: 5093000 – neutrally white	230 Volt
Art. No.: 5093002 – neutrally white	24 Volt
Power consumption	12 Watts
Radiation angle	90°
Protection	IP 67
Weight	1.2 kg
Dimensions	180 x 70 x 70 mm



Technical Data LED-Spotlight Type CWL80

Art. No.: 2720105 – cold white	24 Volt
Art. No.: 2720103 – cold white	115 Volt
Art. No.: 2720100 – cold white	230 Volt
Art. No.: 2720104 – worm white	230 Volt
Power consumption	4.5 Watts
Radiation angle	10°
Protection	IP 67
Weight	1.5 kg
Dimensions	112 x 310 x 84 mm



Technical Data LED-Floodlight Type PB 60

Art. No.: 5093010 – cold white	230 Volt
Power consumption	60 Watts
Radiation angle	60/120°
Protection	IP 65
Weight	4.5 kg
Dimensions	320 x 270 x 170 mm





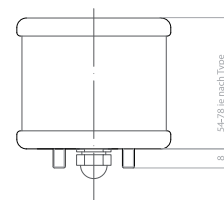
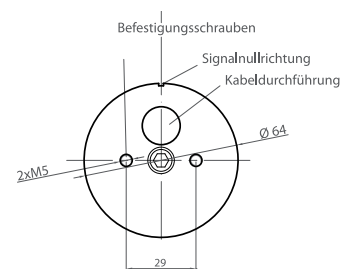
The Navigation Lanterns Type 580 are developed for all vessels up to 50 m in length according International Regulations for Preventing Collisions at Sea 1972 (COLREGS1972-IMCO72).

Advantages:

- Certified lifetime 20.000 hours
- Maintenance free
- Low power consumption
- No spare bulbs any more
- Durable materials and great structural strength
- Shock resistant
- Non corrosive
- Seawater resistant

Approvals:

- BSH (Bundesamt für Seeschifffahrt und Hydrographie) Seagoing vessels
- GL (Germanischer Lloyd)
- UL 1104
- MED



Type 580 – LED Navigation lights

	 112,5° 2 nm	 2 x 112,5° 2 nm	 112,5° 3 nm	 135° 2 nm	 135° 2 nm	 225° 3 nm	 225° 5 nm	
	Side light	Double Side light	Side light	Stern light	Towing light	Masthead light	Masthead light	
Power supply	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	24 VDC	
Power consumption	1,8 W	3 W	1,2 W	2,1 W	2,1 W	7,5 W	11 W	
Art.No. black	5091200	5091210	5091300	5091400	5091410	5091500	5091550	
Art.No. silver	5091216	5091218	5091310	5091416	5091418	5091510	5091556	
Art.No. brass	5091204	5091214	5091304	5091404	5091414	5091504	5091554	
	 360° 2 nm	 360° 2 nm	 360° 2 nm	 360° 2 nm	 360° 2 nm	 3 x 112,5° 2 nm	 1x360°/3x112,5° 2 nm	 1x360°/3x112,5° 2 nm
	Anchor light	Signal light	Signal light	Signal light	Signal light	Tri-Color light	Combi light	Windex
Power supply	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC	9 - 28 VDC
Power consumption	2,8 W	1,8 W	3,6 W	2,7 W	2,8 W	2,8 W	2,8 W	2,8 W
Art.No. black	5091600	5091700	5091800	5091810	5091820	5091830	5091840	5092000
Art.No. silver	5091610	5091706	5091816	5091818	5091828	5091836	5091846	5092010
Art.No. brass	5091604	5091704	5091804	5091814	—	5091834	5091844	—



Technical Data LED Signal Lights

					
	360° 3 nm	360° 3 nm	360° 3 nm	360° 3 nm	360° 3 nm
	Signal	Signal	Signal	Signal	Signal
Power supply	24 VDC 115/120/230 VAC	24 VDC 115/120/230 VAC	24 VDC 115/120/230 VAC	24 VDC 115/120/230 VAC	24 VDC 115/120/230 VAC
Steady Lights					
Power consumption	8 W	9 W	10 W	12 W	10 W
Weight	2,4 kg	2,4 kg	2,4 kg	2,4 kg	2,4 kg
Enclosure rating	IP 56	IP 56	IP 56	IP 56	IP 56
Flashing Lights					
Flashes per minute	-	120	180	60	120
Power consumption	-	6 W	10 W	12 W	10 W
Weight	-	2,4 kg	2,4 kg	2,4 kg	2,4 kg
Enclosure rating	-	IP 56	IP 56	IP 56	IP 56

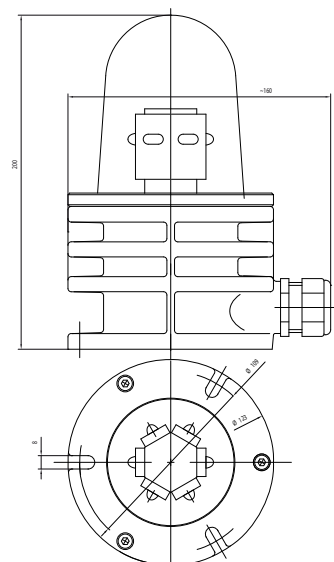


Advantages:

- Certified lifetime 70.000 hours
- Maintenance free
- Low power consumption
- No spare bulbs any more
- Durable materials and great structural strength
- Shock resistant
- Non corrosive
- Seawater resistant

Approvals:

- FVT (Fachstelle für Verkehrstechniken)



PB PETERS+BEY
Ship's Service · Sheet Metal Works

Peters + Bey GmbH
Schnackenburgallee 151
D-22525 Hamburg
phone +49 - (0) 40 - 54 76 00 - 0
fax +49 - (0) 40 - 54 76 00 - 76
mail@peters-bey.com
www.peters-bey.com