

doublepower!! SEA LED IP68 the ultimate Marine and Offshore luminaire

Lighting systems for the open sea

We can also deal with illumination of ships, harbors, oil platforms or wind power plants at sea.



doublepower!! SEA LED IP68

Extremely durable luminaire for lighting in extreme outdoor environment and chemistry and food productions. True life-span of >80.000 hours [L80B10] in Ta +25°C.

6 year full manufacturer warranty.

Heavy duty stainless steel 316L covers and other hardware.

Body choice of polycarbonate and borosilicate glass in various lengths. Custom made lengths in PC.

Optional with HACCP protective foil for food applications.

High modularity, variable use of optics.

Available as emergency light with integrated module.

Equipped with **breather valve** equalizing the pressure inside and outside the luminaire, prevent moisture trapped into the luminaire.

IP68 protection, IK Ratings IK08-09 for glass and IK10 for PC.

Temperature range -40°C to +50°C.

Luminaire efficacy **up to 177lm/W** depending on the employed optics and tube material.

Rated supply voltage 220-240V (AC 198-264V) (DC 176-280V) 0/50/60Hz.

Power factor λ (at 230 V, 50 Hz, full load) 0.95.

For mounting heights 2-10 meter.

Available light colors 2700-6500K, standard 4000K.

No stroboscopic effect. Designed and made in Europe.

The ultimate luminaire for use on ship decks, offshore platforms, wind power plants, agriculture farms, chemical plants and other similar demanding environments.

Available with cable gland (single, double, through wiring), or Wieland GESIS connector.

Possibilities for custom made lengths, rated supply voltage etc. Available in High Efficiency (HE) and High Output (HO) version.

Article No.	Description	Wattage	Lumen output	LxW mm
02SEA1000	Sea 1-module PC cable gland HE	9,5	1.688	445 x 105
02SEA1001	Sea 1-module PC cable gland HO	14,2	2.312	445 x 105
02SEA1010	Sea 2-module PC cable gland HE	19	3.377	725 x 105
02SEA1011	Sea 2-module PC cable gland HO	28,4	4.624	725 x 105
02SEA1020	Sea 3-module PC cable gland HE	28,5	5.065	1005 x 105
02SEA1021	Sea 3-module PC cable gland HO	42,6	6.936	1005 x 105
02SEA1030	Sea 4-module PC cable gland HE	38	7.654	1285 x 105
02SEA1031	Sea 4-module PC cable gland HO	56,8	9.249	1285 x 105
02SEA1050	Sea 1-module Glass cable gland HE	9,5	1.688	445 x 105
02SEA1051	Sea 1-module Glass cable gland HO	14,2	2.312	445 x 105
02SEA1060	Sea 2-module Glass cable gland HE	19	3.377	725 x 105
02SEA1061	Sea 2-module Glass cable gland HO	28,2	4.624	725 x 105
02SEA1070	Sea 3-module Glass cable gland HE	28,5	5.065	1005 x 105
02SEA1071	Sea 3-module Glass cable gland HO	42,6	6.936	1005 x 105
02SEA1080	Sea 4-module Glass cable gland HE	38	7.654	1285 x 105
02SEA1081	Sea 4-module Glass cable gland HO	56,8	9.249	1285 x 105
02SEA1100	Sea 1-module PC connector HE	9,5	1.688	445 x 105
02SEA1101	Sea 1-module PC connector HO	14,2	2.312	445 x 105
02SEA1110	Sea 2-module PC connector HE	19	3.377	725 x 105
02SEA1111	Sea 2-module PC connector HO	28,4	4.624	725 x 105
02SEA1120	Sea 3-module PC connector HE	28,5	5.065	1005 x 105
02SEA1121	Sea 3-module PC connector HO	42,6	6.936	1005 x 105
02SEA1130	Sea 4-module PC connector HE	38	7.654	1285 x 105
02SEA1131	Sea 4-module PC connector HO	56,8	9.249	1285 x 105
02SEA1150	Sea 1-module Glass connector HE	9,5	1.688	445 x 105
02SEA1151	Sea 1-module Glass connector HO	14,2	2.312	445 x 105
02SEA1160	Sea 2-module Glass connector HE	19	3.377	725 x 105
02SEA1161	Sea 2-module Glass connector HO	28,4	4.624	725 x 105
02SEA1170	Sea 3-module Glass connector HE	28,5	5.065	1005 x 105
02SEA1171	Sea 3-module Glass connector HO	42,6	6.936	1005 x 105
02SEA1180	Sea 4-module Glass connector HE	38	7.654	1285 x 105
02SEA1181	Sea 4-module Glass connector HO	56,8	9.249	1285 x 105



Optional with emergency module with internal 1 hour or 3 hours battery.

Optional emergency module for connection to the emergency power supply.

The mounting points are adjustable which makes it easy to use the existing mounting points when the luminaire is used for replacement. The mounting brackets are stainless steel AISI316L with A4 fasteners.

IK10 Polycarbonate

doublepower!! use the highest quality Polycarbonate (PC) available on the market, to ensure the warrantee even in the highest demanding environments with high UV-radiation such as at sea conditions.

All components are from the EU.



DOUBLEPOWER!! SEA

EXTREMELY DURABLE

LED LUMINAIRE FOR MARINE

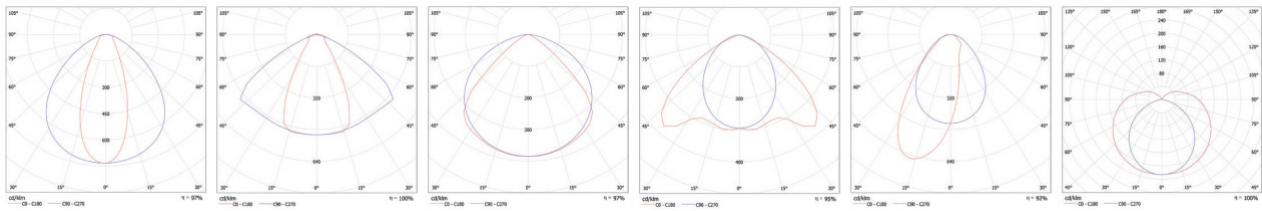
AND OFFSHORE OPERATIONS

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doublepower!! SEA LED IP68 is available with several optics.
Extremely low glare, very pleasant diffused light.



Light characteristics:



doublepower!! SEA LED IP68 with IK10 Polycarbonate tube can be customized in length to meet the customers requirements when a standard length doesn't fit.



Right picture:
doublepower!! SEA LED IP68 with cable gland entry.
Below the cable gland the breather valve is visible.
This valve protects the luminaire against condensation inside.



IP68 rating meaning theoretically, can withstand complete submersion in water beyond 1 meter for more than 30 minutes.
This doesn't mean that you can install the luminaire submerged but it shows that the luminaire is well protected against moisture in harsh wet conditions.

High dust protection as well.

Left picture:
doublepower!! SEA LED IP68 with IP68 RST MINI 5-pole connector.
For fast and easy installation without the need for opening the luminaire.

**The doublepower!! SEA LED IP68 range does not only consists of the Industrial Maritime version but also:
ATEX Ex SEA LED IP68 For zone 2-22 and ATEX Ex SEA LED IP68 For Zone 1-21**

