

# doublepower!! SEA Ex nR LED IP68 the ultimate Marine and Offshore luminaire

## doublepower!! SEA Ex LED IP68 ZONE 2/22 Ex nR

Extremely durable luminaire for lighting in extreme outdoor environment, wind farms, power plants but also in agriculture farms, chemical plants, food productions and similar demanding areas with a risk of a potential explosive atmosphere.

### Suitable for ZONE 2/22 Ex nR

Ex parameters:

- II 3G Ex nR IIC T6 Gc.

- II 3D Ex tc IIIC T85 °C Dc.

True life-span of >80.000 hours [L80B10] in Ta +25°C.

6 year full manufacturers warranty.

Heavy duty stainless steel 316L covers and other hardware.

Body choice of polycarbonate and borosilicate glass in two lengths.

High modularity, variable use of optics.

Available as emergency light with integrated module.

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.

Available with UV stable plastic cable glands / metal cable glands.

Available in 2 modules and 4 modules.



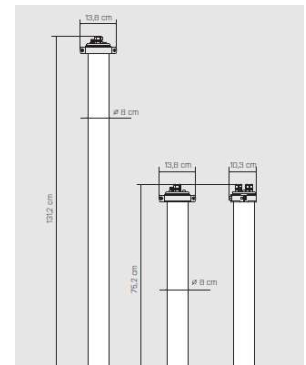
At the end of the luminaire there is a choice in one or two cable glands for easier cable management.

Article No.	Description	Wattage	Lumen output	LxW mm
02SEA3000	Sea Ex 2/22 nR 2-module plastic cable gland Ex and Polycarbonate tube HE	19.6W*	3.363 lm*	725 x 105*
02SEA3050	Sea Ex 2/22 nR 4-module plastic cable gland Ex and Polycarbonate tube HE	39.2W*	6.903 lm*	1312 x 105*
02SEA3100	Sea Ex 2/22 nR 2-module plastic cable gland Ex and Borosilicate glass tube HE	19.6W*	3.363 lm*	725 x 105*
02SEA3150	Sea Ex 2/22 nR 4-module plastic cable gland Ex and borosilicate glass tube HE	39.2W*	6.903 lm*	1312 x 105*

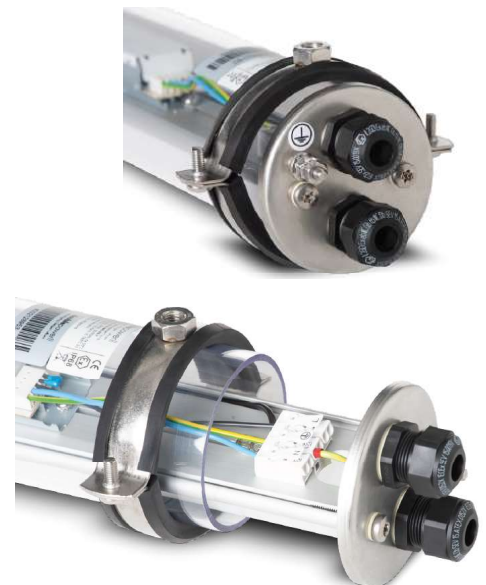
All texts with this symbol [\*] represents preliminary values and data. Those can be changed, but not significantly. For updated datasheet or more information please contact us.

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

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.



Both ends of the luminaires are prepared to connection of external grounding.



Simple access to the terminal block after unscrewed the opposite end cap. Installation is fast and easy.