

LED

economical
durable
powerful



Application: Commercial Vessels and Land Based Facilities

Like other illuminants the highly efficient LEDs develop heat. DOSE attaches great importance to the thermal management in lighting. The LED modules can operate under the critical temperature level and they can deliver their full performance throughout their whole durability. The fitting of the LED module directly on to the LED heatsink ensures an efficient dissipation of the LEDs thermal load. The design, construction and material of the case are also integrated in the thermal management, without any invalid warming.



VIRGO

	Number of LED Modules	Power	Light Intensity at 100 m	Range M 1 Lux	Peak Beam Candle Power	Your Advantages
SS 250 LED	7	29 W	52 Lux	900 m	$9,5 \times 10^6$ cd	<ul style="list-style-type: none"> • space-saving by compact design • minimum consumption of electricity and space – maximum light power • illuminated area in 100 m: 5 x 5 m • low change interval due to long durability of diode - 50.000 hours in continuous operation (manufacturer's data)
SS 350 LED	19	80 W	140 Lux	1.400 m	$2,6 \times 10^6$ cd	
SS 450 LED	31	131 W	228 Lux	2.000 m	$5,0 \times 10^6$ cd	



DRACO

	Your Advantages
according to SOLAS	<ul style="list-style-type: none"> • highest mobility by integrated battery • long operating time of battery • shock resistant
only 3,5 W LED instead of 50W halogen	
1 LED module	
lighting current: 228 lm / LED	
incl. casing and battery	
range: 180 m – 2 Lux	



AURIGA

	Your Advantages
18W LED instead of 200W halogen	<ul style="list-style-type: none"> • 90% saving of energy compared to halogen • seawater resistant due to powdercoated stainless steel casing
14 LED modules	
voltage: 85-264V AC, 12-375V DC, 24V DC	
powdercoated casing made of stainless steel	
protection class: IP67	



PORT SAID

	Your Advantages
10W LED instead of 100W bulb	<ul style="list-style-type: none"> • minimum consumption of electricity – maximum light power • low change interval due to durability of diode: 50.000 hours (manufacturer's data)
ATEX-certified	

PAVO

	Your Advantages
80W	<ul style="list-style-type: none"> • multifunctional applicable • convenient handling • shock resistant • minimum consumption of electricity – maximum light power • low change interval due to durability of diode: 50.000 hours (manufacturer's data)
19 LED modules	
illuminated area in 10m: approx. Ø 1,2 m	
lighting current: 240 lm / LED	
voltage: 85-264V AC, 120-370V DC	
without ballast unit: 24V DC	



SHEN

	Your Advantages
36W	<ul style="list-style-type: none"> • minimum consumption of electricity and space – maximum light power • low change interval due to durability of diode up to 30.000 hours
1x LED stripe with 6 pieces high power AC LED	
durability of diode: 30.000 hours (manufacturer's data) depends on operating temperature	
without ballast unit, directly 230V power supply voltage	
lighting current: approx. 900 lm	
beam angle: 120°	



NAOS

	Your Advantages
60W	<ul style="list-style-type: none"> • minimum consumption of electricity – maximum light power • low change interval due to durability of diode up to 30.000 hours
3x LED stripe with each 60 SMD LED	
durability of diode: 30.000 hours (manufacturer's data) depends on operating temperature	
voltage: 85-264V AC, 12-375V DC, 24V DC	
lighting current: approx. 3.600 lm	
beam angle: 120°	





NEREUS RGBW

	Your Advantages
30W	<ul style="list-style-type: none"> • low change interval due to durability of diode up to 100.000 hours • computer-controlled daylight process • continuous light temperature process • various programs storable • shock resistant
incl. LED carrier and 7 x 4-colour LED	
durability of diode: 100.000 hours (manufacturer's data) depends on operating temperature	
beam angle: 115°	
ambient temperature: -40°C to 40°C	
central control according to the DMX512 protocol	

NEREUS 8P4

	Your Advantages
30W	<ul style="list-style-type: none"> • low change interval due to durability of diode up to 100.000 hours • shock resistant
incl. LED carrier and 8 x P4 LED	
durability of diode: 100.000 hours (manufacturer's data) depends on operating temperature	
beam angle: 130°	
ambient temperature: -20°C bis 45°C	
dimnable	

POSEIDON

	Your Advantages
20W LED instead of up to 60W bulb	<ul style="list-style-type: none"> • minimum consumption of electricity – maximum light power • seawater resistant due to powdercoated stainless steel casing
14 x High Power LED modules	
voltage: 85-264 V AC, 120-375 V DC	
radaroptimized	
powdercoated casing made of stainless steel	
range: 180m – 2 Lux	

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