

NEPTUNE IP68 NEPTUNE _ _ _ _ IP68



	Luminaire configuration: Stand-alone luminaire		Light color / light source: Static White		Light color / light source: RGB		Cable outlet position: Back Side		Color rendering and efficiency: HE - CRI > 80, high efficacy		Color rendering and efficiency: HC - CRI > 90, standard efficacy
	LED pitch / density: High Density		Profile color: White (RAL9003)		Power supply position: External PSU		Cable / connector configuration: 00 - Open cable one side only		Protection class: IP68		Input voltage [V]: 24V DC

Project name
Company
Phase / Luminaire type for tech. spec. document
Date

ARCHITECTURAL POOL LIGHTING FOR ATMOSPHERIC AMBIENT LIGHT.

NEPTUNE is a precisely engineered IP68-rated linear luminaire designed for permanent underwater applications. With a fully polyurethane-potted construction, ultrasonic welded end caps and a minimal cross-section of 16 mm x 16 mm. It delivers homogeneous, dot-free light for pools, fountains and water features - including different lighting moods through color changes and dimming. A chlorine-resistant PVC housing supports continuous immersion in water with chlorine concentrations of up to 5 ppm, while configurable lengths enable seamless integration into architectural water concepts.

CERTIFICATES

Conformité Européenne (CE)	Ecodesign Directive	Protection Class III	WEEE

ELECTRICAL & OUTPUT DATA ⁽¹⁾

Power [W/m]	5	10	15
Efficiency [lm/W]	40.9	49	49.9
Max. daisy chain length [m]	11.25	7.75	6.25
CRI / R9	85/19	85/19	85/19
Rf / Rg	81/95	81/95	81/95
Ambient temperature [°C] max	45	45	45
Housing Temperature [°C] max	70	70	70

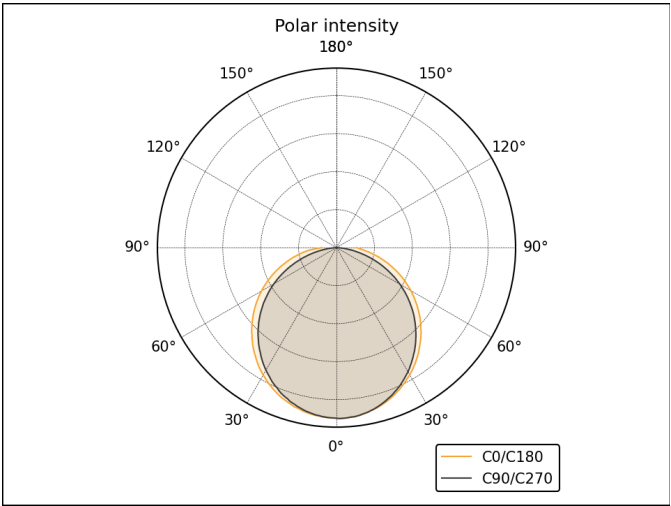
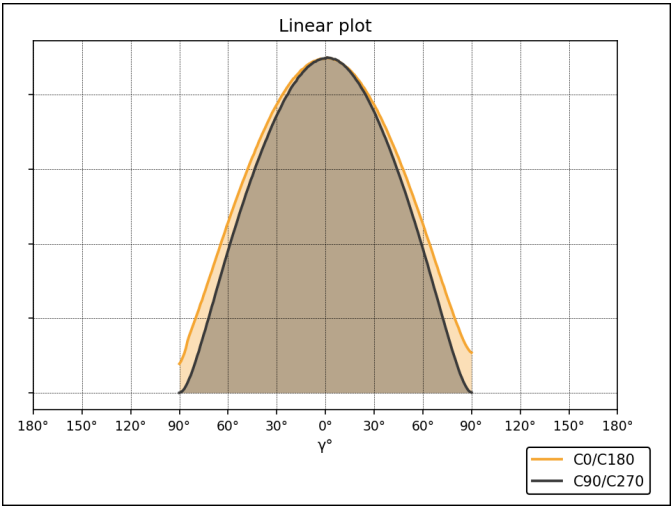
Power [W/m]	5	10	15
Luminous flux [lm/m]			
W822	150	360	530
W830	180	410	590
W835	190	450	660
W840	200	470	690
W845	210	500	720
W857	210	500	730
W879	210	510	750
W899	200	490	710

(1): Light engine family: HYDRA HE SW HE ; Light distribution: OL - Opal low (sealed or cover) ; Light color / light source: Static White ; Profile color: White (RAL9003) ; Integrated anti-glare: No integrated anti-glare ; Optional glare control accessory: No Accessories

PRODUCT INFORMATION

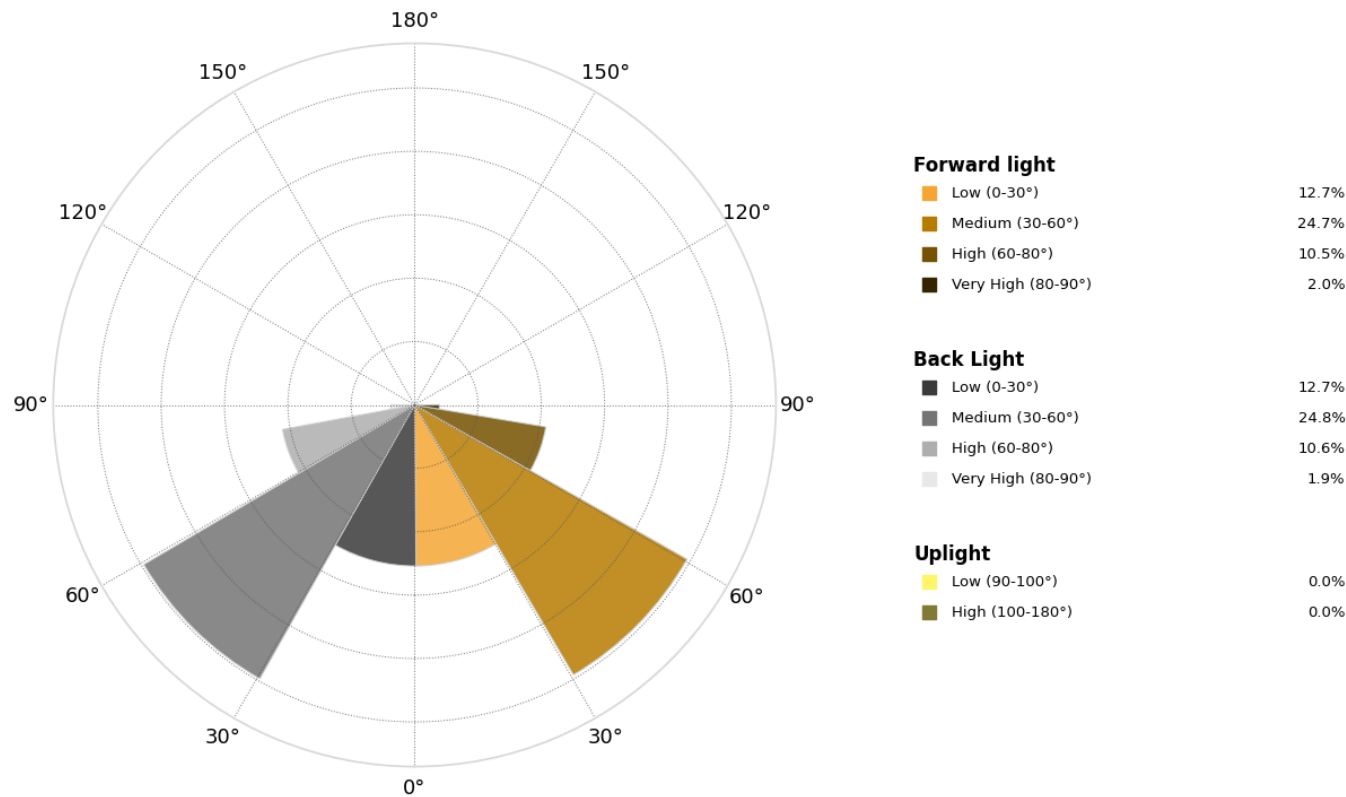
Product family	NEPTUNE IP68	Protection class	IP68
Luminaire type (rigid / flexible)	Rigid luminaire	Luminaire profile size	Standard
Profile color	White (RAL9003)	Light distribution	OL - Opal low (sealed or cover)
Lumen maintenance (LED manufacturer specification)	L80/B10	LED pitch / density	High Density
ANSI LED binning	3 SDCM	Cable outlet position	Back Side
Cable / connector configuration	00 - Open cable one side only	Integrated anti-glare	No integrated anti-glare
Optional glare control accessory	No Accessories	Power supply position	External PSU
Control technology	No PSU with No Control Controller	Input voltage [V]	24V DC
Luminaire configuration	Stand-alone luminaire	DarkSky certification	Not DarkSky certified
Case temperature [°C]	TC(min): 5°, TC(max): 70°	Ambient temperature [°C]	TA(min): 5°, TA(max): 45°
Storage temperature [°C]	TS(min): -25°, TS(max): 70°	fixed luminaire section [mm]	55
LED step length [mm]	62.5		

PHOTOMETRIC GRAPHS



BUG LIGHT DISTRIBUTION

BUG Light Distribution (%)



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TECHNICAL SPECIFICATIONS

For general tolerances, including length tolerances, please refer to the technical drawing.

