

01 Specs 01Title	ProfiLux Basic LED XL RGBW Flood / DMX / 02	04.06.2019	Project No.
Item / No.	Description / Quantitiy / Unit	Unit price	total price
01.1 Position	Description: Underwater spotlight with bracket for floor mounting, for water feature or pool illumination. Suitable for dry and wet application. Submersible up to 2m Environmental conditions for dry application: None Environmental conditions for wet applications (water quality) Installation and operation in fresh-and poolwater.* Technical data: Dimensions lamp housing (Ø x H): 198 x 156 [mm] Material: Stainless steel 1.4301 (AISI 304) / Glas lens Total weight: 2.1 kg Protection class: IP 68 Luminous flux total: 1263 lm Luminous flux red: 284 lm Luminous flux green: 509 lm Luminous flux blue: 156 lm Luminous flux white: 313 lm Color temperature white: 4000 K Color rendering index (CRI): 80% Beam angle: 31 (+/-2) ° Dimming frequency: 2800 Hz Power consumption: 20,4 W Rated voltage: 24 V DC Rated current: 1.18 A Energy efficiency category: A Weighted energy consumption: 23 kWh / 1000 h Thermal protection: Yes DMX-RDM-controllable**: Yes DMX configuration in built-in status possible**: Yes Able to perform strobe effects: Yes Stroboskop-Frequenzbereich: 0 - 25 Hz Mounting bracket: Material: Stainless steel 1.4404 (AISI 316L) Position lock: Yes Elongated hole for fixation: Yes Dimensions of the hole: 60 x 6.5 [mm] All signals with galvanic separation in connection boxes Connection cable: Length hybrid cable (incl. plug): 1m Cable: 4 x 0.34mm² (screened) Patented, waterproof plug: Yes Integrated water barrier: Yes Pin allocation: Pin 1: GND Pin 2: Data In (UART) Pin 3: n.c. Pin 4: Data Out (UART) Pin 5: + 24 V		

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	* water-quality-matrix					
		Freshwater	Poolwater			Seawater
	PH.Value	7,2 -7,6	7,2 -7,6			8
	Hardness	8 -15 ° DH; 142 -267 ppm CaCo3	8 -15 ° DH; 142 -267 ppm CaCo3			20 -30 ° DH; 356 - 534 ppm CaCo3
	Free Chlorine	< 0,3 mg/l; < 0,036 moz/gal	0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal			< 0,3 mg/l; < 0,036 moz/gal
	Chlorine concentration	< 250 mg/l; < 30,28 moz/gal	< 200 mg/l; < 24,2 moz/gal			<=22000 mg/l; <=2664 moz/gal
	Salinity	n. d.	n. d.			<= 4%; <= 40.000 ppm
	Total Dry Residue	< 50 mg/l; < 6,06 moz/gal	< 50 mg/l; < 6,06 moz/gal			< 250mg/l; < 30,28 moz/gal
	Temperature	4 -35° C; 39 - 95 ° F	4 -30° C; 39 - 86 ° F			4 - 20 ° C; 39 - 68 ° F
	** only in conjunction with the Underwater LED driver DMX RDM [Remote Device Managment] is a bidirectional bus for querying and programing of DMX-devices. A RDM control unit is capable of identifying connected devices and to -partial automatically- configure them. DMX RDM devices can be operated simultaneously with simple DMX devices at the same time. Supply and delivery according to the manufacturers specifications. Product / proof of delivery ProfiLux Basic LED XL RGBW Flood / DMX / Art. 70135 OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800 (or equivalent) Entered by the bidder					