

01 Specs 01Title	ProfiLux Basic LED L RGB Flood / DMX / 02	05.06.2019	Project No.
No / Art.	Description / Quantity / Unit	Unit price	Total price
01.1 Position	<p>Description: Underwater spotlight with bracket for floor mounting, for water feature or pool illumination. Suitable for dry and wet application. Submersible up to 2m</p> <p>Environmental conditions for dry application: None</p> <p>Environmental conditions for wet applications (water quality) Installation and operation in fresh- and poolwater.*</p> <p>Technical data: Dimensions lamp housing (Ø x H): 140 x 88 [mm] Material: Stainless steel 1.4301 (AISI 304) / Glass lens Total weight: 1,1 kg Protection class: IP 68/ 2m Luminous flux total: 573 lm Luminous flux red: 172 lm Luminous flux green: 307 lm Luminous flux blue: 94 lm Beam angle: 31 (+/- 2)° Power consumption: 12 W Rated voltage: 24 V DC Rated current: 0,6 A Energy efficiency category: A Weighted energy consumption: 14 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</p> <p>Mounting bracket: Material: Stainless steel 1.4301 (AISI 304) Position lock: Yes Elongated hole for fixation: Yes Dimensions of the hole: 60 x 6.5 [mm]</p> <p>connecting Cable : All signals with galvanic separation</p> <p>Plug/Socket: 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</p>		

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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;	4 -30° C;	4 - 20° C;		
<p>** only in conjunction with the Underwater LED driver</p> <p>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.</p> <p>Supply and delivery according to the manufacturers specifications.</p> <p>Product / proof of delivery: ProfiLux Basic LED L RGB Flood / DMX / 02 Art. 70133</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800 (or equivalent) Entered by the bidder</p>					