

01 Specs 01Title	ProfiLux Basic LED L RGB Spot/ DMX / 02	05.06.2019	Project No.
No / Art.	Description / Quantity / Unit	Unit price	Total price
01.1 Position	<p><b>Description:</b>  <b>Underwater spotlight with bracket for floor mounting, for water feature or pool illumination.</b>            Suitable for dry and wet application. Submersible up to 2m</p> <p><b>Environmental conditions for dry application:</b>            None</p> <p><b>Environmental conditions for wet applications (water quality)</b>            Installation and operation in fresh- and poolwater.*</p> <p><b>Technical data:</b>            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: 11 (+/- 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><b>Mounting bracket:</b>            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><b>connecting Cable :</b>            All signals with galvanic separation</p> <p><b>Plug/Socket:</b>            Length hybrid cable (incl. plug): 1m            Cable: 4 x 0,34mm<sup>2</sup> (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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<b>water-quality-matrix</b>					
	<b>Freshwater</b>	<b>Poolwater</b>	<b>Seawater</b>		
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 <b>RDM</b> [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:  <b>ProfiLux Basic LED L RGB Spot/ DMX / 02</b>  <b>Art. 70132</b></p> <p>OASE GmbH  Tecklenburger Str. 161  48477 Hörstel / Germany  Phone: +49 5454 800</p> <p>( or equivalent )  .....  Entered by the bidder</p>					