

01 Specs 01Title	ProfiLux LED L RGB Flood / DMX / 02	12.11.19 MH VS.01	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.</p> <p>Suitable for dry and wet application.</p> <p>Environmental conditions for dry application: Temperature range for dry application: +4° - +35°C</p> <p>Environmental conditions for wet applications (water quality) Installation and operation in fresh-, pool- and seawater.*</p> <p>Technical data:</p> <table data-bbox="308 712 1189 1332"> <tr><td>Dim. incl. mounting bracket (Ø x H):</td><td>125 x 87 [mm]</td></tr> <tr><td>Material:</td><td>Stainless steel 1.4404 (AISI 316) / Glas lens</td></tr> <tr><td>Total weight:</td><td>1,3 kg</td></tr> <tr><td>Protection class:</td><td>IP 68 / 4m max.</td></tr> <tr><td>Luminous flux total:</td><td>837 lm</td></tr> <tr><td>Luminous flux red:</td><td>240 lm</td></tr> <tr><td>Luminous flux green:</td><td>460 lm</td></tr> <tr><td>Luminous flux blue:</td><td>137 lm</td></tr> <tr><td>Beam angle:</td><td>31°</td></tr> <tr><td>Power consumption:</td><td>21 W</td></tr> <tr><td>Rated voltage:</td><td>24 V DC</td></tr> <tr><td>Rated current:</td><td>0,95</td></tr> <tr><td>Energy efficiency category:</td><td>A</td></tr> <tr><td>Weighted energy consumption:</td><td>24 kWh / 1000 h</td></tr> <tr><td>Thermal protection:</td><td>Yes</td></tr> <tr><td>DMX-RDM-controllable**:</td><td>Yes</td></tr> <tr><td>DMX configuration in built-in status possible**:</td><td>Yes</td></tr> <tr><td>Able to perform strobe effects:</td><td>Yes</td></tr> <tr><td>Stroboskop-Frequenzbereich:</td><td>0 - 25 Hz</td></tr> </table> <p>Mounting bracket:</p> <table data-bbox="308 1400 1141 1518"> <tr><td>Material:</td><td>Stainless steel 1.4404 (AISI 316L)</td></tr> <tr><td>Position lock:</td><td>Yes</td></tr> <tr><td>Elongated hole for fixation:</td><td>Yes</td></tr> <tr><td>Dimensions of the hole:</td><td>60 x 6,5 [mm]</td></tr> </table> <p>Cable and connection boxes All signals with galvanic separation in connection boxes</p> <p>Plug/Socket:</p> <table data-bbox="308 1675 1157 1948"> <tr><td>Length hybrid cable (incl. plug):</td><td>1m</td></tr> <tr><td>Cable:</td><td>4 x 0,34mm² (screened)</td></tr> <tr><td>Patented, waterproof plug:</td><td>Yes</td></tr> <tr><td>Integrated water barrier:</td><td>Yes</td></tr> <tr><td>Pin allocation:</td><td>Pin 1: GND</td></tr> <tr><td></td><td>Pin 2: Data In (UART)</td></tr> <tr><td></td><td>Pin 3: n.c.</td></tr> <tr><td></td><td>Pin 4: Data Out (UART)</td></tr> <tr><td></td><td>Pin 5: + 24 V</td></tr> </table>	Dim. incl. mounting bracket (Ø x H):	125 x 87 [mm]	Material:	Stainless steel 1.4404 (AISI 316) / Glas lens	Total weight:	1,3 kg	Protection class:	IP 68 / 4m max.	Luminous flux total:	837 lm	Luminous flux red:	240 lm	Luminous flux green:	460 lm	Luminous flux blue:	137 lm	Beam angle:	31°	Power consumption:	21 W	Rated voltage:	24 V DC	Rated current:	0,95	Energy efficiency category:	A	Weighted energy consumption:	24 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	Material:	Stainless steel 1.4404 (AISI 316L)	Position lock:	Yes	Elongated hole for fixation:	Yes	Dimensions of the hole:	60 x 6,5 [mm]	Length hybrid cable (incl. plug):	1m	Cable:	4 x 0,34mm ² (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;	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 LED L RGB Flood / DMX / 02 Art. 36088</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800</p> <p>(or equivalent) Entered by the bidder</p>					