

01 Specs 01Title	ProfiLux LED 1500 Spot / DMX / 02	19.10.16 AO VS.03	Project No.										
Item / No.	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: None</p> <p>Environmental conditions for wet applications (water quality) Installation and operation in fresh-, pool- and seawater.*</p> <p>Technical data:</p> <p>Dimensions lamp housing (Ø x H): 188 x 156 [mm] Material: Stainless steel 1.4404 (AISI 316) / Glas lens Total weight: 2,75 kg Protection class: IP 68 Luminous flux total: 1263 lm Luminous flux red: 282 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: 11° Dimming frequency: 2800 Hz Power consumption: 32 W Rated voltage: 24 V DC Rated current: 1,4 A Energy efficiency category: A Weighted energy consumption: 35 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:</p> <p>Material: Stainless steel 1.4404 (AISI 316L) Position lock: Yes Elongated hole for fixation: Yes Dimensions of the hole: 60 x 6,5 [mm]</p> <p>Cable and connection boxes All signals with galvanic separation in connection boxes</p> <p>Plug/Socket:</p> <p>Length hybrid cable (incl. plug): 1m Cable: 4 x 0,34mm² (screened) Patented, waterproof plug: Yes Integrated water barrier: Yes</p> <p>Pin allocation:</p> <table border="0"> <tr><td>Pin 1:</td><td>GND</td></tr> <tr><td>Pin 2:</td><td>Data In (UART)</td></tr> <tr><td>Pin 3:</td><td>n.c.</td></tr> <tr><td>Pin 4:</td><td>Data Out (UART)</td></tr> <tr><td>Pin 5:</td><td>+ 24 V</td></tr> </table>	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		
	<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 1500 Spot / DMX / 02 Art. 56388</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800 (or equivalent) Entered by the bidder</p>					