

01 Specs 01Title	ProfiRing LED XL RGB Spot / DMX / 02	4.2.21 MH/ AB VS.02	Project No.
No / Art.	Description / Quantity / Unit	Unit price	Total price
01.1 Position	<p>Description: Underwater spotlight for installation directly onto a fountain nozzle for water feature & pool illumination, max. traffic load 1,5 to 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: Dimensions lamp housing (Ø x H): 231 x 77 [mm] Material: Stainless steel 1.4404 (AISI 316) / Glas lens Total weight: 4,6 kg Protection class: IP 68 / 4m max. Luminous flux total: 2511 lm Luminous flux red: 720 lm Luminous flux green: 1380 lm Luminous flux blue: 411 lm Beam angle: 11° Power consumption: 70W Rated voltage: 24 V DC Rated current: 3.1A Energy efficiency category: B Weighted energy consumption: 77 kWh / 1000 h Thermal protection: Yes DMX-RDM-controllable**: Yes DMX configuration in built-in status possible**: Yes Able to perform strobe effects: Yes Strobe-Frequency range: 0 - 25 Hz</p> <p>Central opening for installation/ nozzle connection Diameter 56.1mm suitable thread connections / inlet 1" / 1.5"</p> <p>- All signals with galvanic separation in connection boxes</p> <p>Plug for Hybrid Cable:</p> <p>Patented, waterproof plug/ socket: 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: ProfiRing LED XL RGB Spot / DMX / 02 Art. 73004</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800 (or equivalent) Entered by the bidder</p>					