| 01 Specs<br>01Title | ProfiLux LED L RGB Spot / DMX / 02 | 12.11.19 MH<br>VS.01 | Project<br>No. |
|---|---|---|---|
| No / Art. | Description / Quantitiy / Unit | Unit price | Total price |
| | | | |

01.1
Position

**Description:**

**Underwater spotlight with bracket for floor mounting, for water feature or pool illumination.**

Suitable for dry and wet application.

**Environmental conditions for dry application:**

Temerature range for dry application: +4° - +35°C

**Environmental conditions for wet applications (water quality)**

Installation and operation in fresh-, pool- and seawater.*

**Technical data:**

| | |
|---|---|
| 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: | 11° |
| 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 |

**Mounting bracket:**

| | |
|---|---|
| Material: | Stainless steel 1.4404 (AISI 316L) |
| Position lock: | Yes |
| Elongated hole for fixation: | Yes |
| Dimensions of the hole: | 60 x 6,5 [mm] |

**Cable and connection boxes**

All signals with galvanic separation in connection boxes

**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 |

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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;<br>142 -267 ppm CaCo3** | **8 -15 ° DH;<br>142 -267 ppm CaCo3** | **20 -30 ° DH;<br>356 - 534 ppm CaCo3** |
| Free Chlorine | **< 0,3 mg/l;<br>< 0,036 moz/gal** | **0,3 -0,6 mg/l;<br>0,036 - 0,072 moz/gal** | **< 0,3 mg/l;<br>< 0,036 moz/gal** |
| Chlorine concentration | **< 250 mg/l;<br>< 30,28 moz/gal** | **< 200 mg/l;<br>< 24,2 moz/gal** | **<=22000 mg/l;<br><=2664 moz/gal** |
| Salinity | **n. d.** | **n. d.** | **<= 4%;<br><= 40.000 ppm** |
| Total Dry Residue | **< 50 mg/l;<br>< 6,06 moz/gal** | **< 50 mg/l;<br>< 6,06 moz/gal** | **< 250mg/l;<br>< 30,28 moz/gal** |
| Temperature | **4 -35° C;** | **4 -30° C;** | **4 - 20 ° C;** |

** only in conjunction with the Underwater LED driver
DMX **RDM** [**R**emote **D**evice **M**anagment] 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.

Supply and delivery according to the manufacturers specifications.

Product / proof of delivery:
**ProfiLux LED L RGB Spot / DMX / 02**
**Art. 36088**

OASE GmbH
Tecklenburger Str. 161

48477 Hörstel / Germany
Phone: +49 5454 800

( or equivalent )
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Entered by the bidder