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| 01 Specs<br>01Title | SplashKit LED XL RGrBW square /DMX/02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 22.11.20 MH<br>VS.01 | Project<br>No. |        |                |        |      |        |                 |        |        |  |  |
| No / Art.           | Description / Quantitiy / Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Unit price           | Total price    |        |                |        |      |        |                 |        |        |  |  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                      |                |        |                |        |      |        |                 |        |        |  |  |
| 01.1<br>Position    | <p><b>Description:</b><br/><b>Underwater spotlight for flush installation in SplashCan, paved surfaces or sim. , max. traffic load 1,5 to</b><br/><br/>Suitable for dry and wet application.</p> <p><b>Environmental conditions for dry application:</b><br/>Temperature range for dry application: +4° - +35°C</p> <p><b>Environmental conditions for wet applications (water quality)</b><br/>Installation and operation in fresh-, pool- and seawater.*</p> <p><b>Technical data:</b><br/>Dimensions lamp housing (L x W x H): 330 x 330 x 63 [mm]<br/>Material: Stainless steel 1.4404 (AISI 316) / Glas lens<br/>Total weight: 6,6 kg<br/>Protection class: IP 68 / 4m max.<br/>Luminous flux total: 2511 lm<br/>Luminous flux red: 720 lm<br/>Luminous flux green: 1380 lm<br/>Luminous flux royal blue: 411 lm<br/>Beam angle: 11°<br/>Power consumption: 70W<br/>Rated voltage: 24 V DC<br/>Rated current: 3,1<br/>Energy efficiency category: B<br/>Weighted energy consumption: 77 kWh / 1000 h<br/>Thermal protection: Yes<br/>DMX-RDM-controllable**: Yes<br/>DMX configuration in built-in status possible**: Yes<br/>Able to perform strobe effects: Yes<br/>Strobe-Frequency range: 0 - 25 Hz</p> <p><u>central opening suited for product:</u> Orb Nozzle /77879 ,7658, 76459,76460</p> <p>-</p> <p>All signals with galvanic separation in connection boxes</p> <p><b>Plug for Hybrid cable:</b></p> <p>Patented, waterproof plug/ socket: Yes<br/>Integrated water barrier: Yes</p> <p>Pin allocation:</p> <table><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 |  |  |
| 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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| 01 Specs<br>01Title | SplashKit LED XL RGrBW square /DMX/02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |                                         | 22.11.20 MH<br>VS.01                | Project<br>No. |  |
| No / Art.           | Description / Quantitiy / Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                   |                                         | Unit price                          | Total price    |  |
|                     | *<br>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<br>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<br>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<br>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.<br><br>Supply and delivery according to the manufacturers specifications.<br><br>Product / proof of delivery:<br>SplashKit LED XL RGrBW square /DMX/02<br>Art. 84839<br><br>OASE GmbH<br>Tecklenburger Str. 161<br><br>48477 Hörstel / Germany<br>Phone: +49 5454 800<br><br>( or equivalent )<br>.....<br>Entered by the bidder |                                   |                                         |                                     |                |  |
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