

01 Specs 02 Title	Underwater LED Driver Compact / DMX / 02	05.06.19 MH VS.01	Project No.																																														
Item / No.	Description / Quantity / Unit	Unit Price	Total																																														
01.1 Position	<p>Description: RDM*-DMX controller for the RGB light range incl. cables and connection boxes</p> <p>Suitable for dry and wet assembly.</p> <p>Environmental conditions for dry application: -12 °C ... +35 °C</p> <p>Environmental conditions for wet application (waterquality): Installation and operation in fresh-, pool- and seawater.**</p> <p>Technical data:</p> <table border="0"> <tr> <td>Material controller housing:</td> <td>PBT</td> </tr> <tr> <td>Dimensions (L x W x H):</td> <td>151 x 140 x 70 [mm]</td> </tr> <tr> <td>Nominal voltage:</td> <td>24 V DC</td> </tr> <tr> <td>max. Power output:</td> <td>180 W</td> </tr> <tr> <td>Nominal current:</td> <td>7.5 A</td> </tr> <tr> <td>Protection class:</td> <td>IP 68 / 4m</td> </tr> <tr> <td>Weight:</td> <td>1,45 kg</td> </tr> <tr> <td>DMX-RDM compatible:</td> <td>Yes</td> </tr> <tr> <td>Number of output sockets:</td> <td>4</td> </tr> </table> <p>Pin allocation of output sockets:</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> <p>Number of DMX channels: 8 per Output Configuration/Parameterization in build-in status: Yes Overheating protection: No Reverse polarity protection: Yes</p> <p>All signals with galvanic separation</p> <p>DMX-connection:</p> <table border="0"> <tr> <td>input socket (XLR)</td> <td>1</td> </tr> <tr> <td>output socket (XLR)</td> <td>1</td> </tr> </table> <p>Pin allocation for both :</p> <table border="0"> <tr> <td>Pin 1:</td> <td>shield</td> </tr> <tr> <td>Pin 2:</td> <td>minus</td> </tr> <tr> <td>Pin 3:</td> <td>plus</td> </tr> <tr> <td>Pin 4:</td> <td>n.c.</td> </tr> <tr> <td>Pin 5:</td> <td>n.c.</td> </tr> </table> <p>24 V DC Power connection:</p> <table border="0"> <tr> <td>input socket</td> <td>1</td> </tr> <tr> <td>output socket</td> <td>1</td> </tr> </table>	Material controller housing:	PBT	Dimensions (L x W x H):	151 x 140 x 70 [mm]	Nominal voltage:	24 V DC	max. Power output:	180 W	Nominal current:	7.5 A	Protection class:	IP 68 / 4m	Weight:	1,45 kg	DMX-RDM compatible:	Yes	Number of output sockets:	4	Pin 1:	GND	Pin 2:	Data In (UART)	Pin 3:	n.c.	Pin 4:	Data Out (UART)	Pin 5:	+ 24 V	input socket (XLR)	1	output socket (XLR)	1	Pin 1:	shield	Pin 2:	minus	Pin 3:	plus	Pin 4:	n.c.	Pin 5:	n.c.	input socket	1	output socket	1		
Material controller housing:	PBT																																																
Dimensions (L x W x H):	151 x 140 x 70 [mm]																																																
Nominal voltage:	24 V DC																																																
max. Power output:	180 W																																																
Nominal current:	7.5 A																																																
Protection class:	IP 68 / 4m																																																
Weight:	1,45 kg																																																
DMX-RDM compatible:	Yes																																																
Number of output sockets:	4																																																
Pin 1:	GND																																																
Pin 2:	Data In (UART)																																																
Pin 3:	n.c.																																																
Pin 4:	Data Out (UART)																																																
Pin 5:	+ 24 V																																																
input socket (XLR)	1																																																
output socket (XLR)	1																																																
Pin 1:	shield																																																
Pin 2:	minus																																																
Pin 3:	plus																																																
Pin 4:	n.c.																																																
Pin 5:	n.c.																																																
input socket	1																																																
output socket	1																																																

01 Specs 02 Title	Underwater LED Driver Compact / DMX / 02			05.06.19 MH VS.01	Project No.	
Item / No.	Description / Quantity / Unit			Unit Price	Total	
	<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>**</p>					
	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>Supply and delivery according to manufacturer specifications</p> <p>Product / proof of delivery: Underwater LED Driver Compact / DMX / 02 Art. 70468</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800</p> <p>(or equivalent) Entered by the bidder</p>					