



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
LED Modul MDD XL 2D /DMX/02													
LED Modul MDD XL 3D /DMX/02													

LED Modul MDD XL 2D /DMX/02

LED Modul MDD XL 3D /DMX/02

LED Modul is designed for the Multi Directional Drive XL 2D /DMX/02 / Multi Directional Drive XL 3D /DMX/02. This module consists of three energy efficient LED RGBW - lights with 11° / 31° beam angle, a holder and Underwater LED Driver /DMX/02.

Product characteristics at a glance

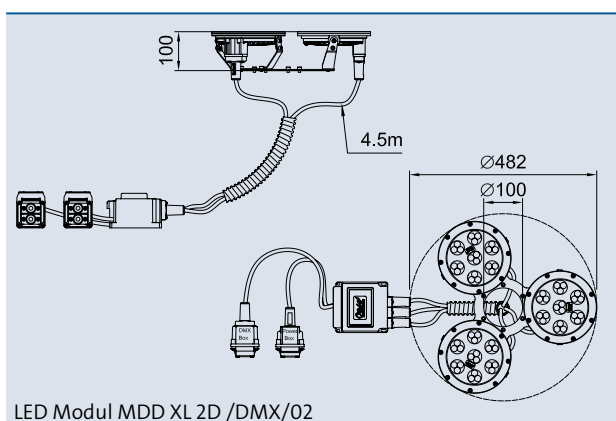
- 3 x energy efficient LED-RGBW-light with mounting bracket, fine adjustment and holder for using with Multi Directional Drive XL 2D/3D



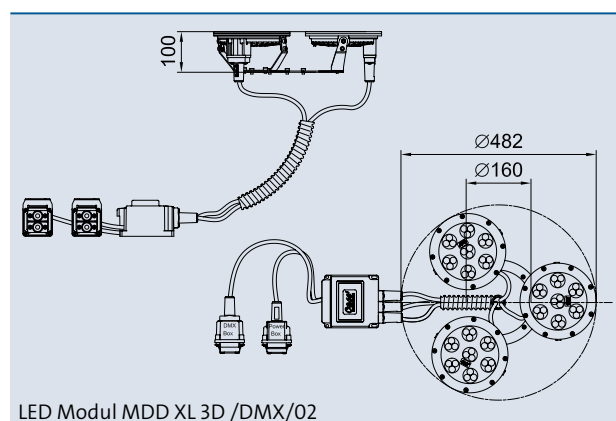
LED Modul MDD XL 2D /DMX/02

- 3 x 1707 Lumen with a beam angle of 11° / 31°, 3 x 46.5 W
- Temperature controlled high class LED
- Wet and dry installation - waterproof IP 68
- For fresh water pool water and sea water
- External electronic in a separate control box / junction box – waterproof connector, easy to connect.
- DMX/RDM-capable in combination with the Underwater LED Driver /DMX/02
- Individual measurement of the basic colours of the LED-RGBW lights and the use of the Underwater LED Driver /DMX/02 guarantees equal brightness of all lights in the system and a homogeneous colour combination
- Galvanic isolation between the DMX and 24 V / DC power
- Dimensions lamp housing: (Ø x H) 482 x 100 mm
- Strobe effect
- Lifetime of up to 50.000h*

*In case of underwater application, an intelligent heat management and quality LED enables a lifetime of up to 50.000 hrs. This claim does not entitle to a guarantee.



LED Modul MDD XL 2D /DMX/02



LED Modul MDD XL 3D /DMX/02

LED Modul MDD		XL 2D /DMX/02	XL 3D /DMX/02
Luminous flux all on	[lm]	3 x 1707	3 x 1707
Luminous flux red	[lm]	3 x 266	3 x 266
Luminous flux green	[lm]	3 x 821	3 x 821
Luminous flux blue	[lm]	3 x 271	3 x 271
Luminous flux white	[lm]	3 x 349	3 x 349
Colour temperature LED white	[K]	4000 (± 200)	4000 (± 200)
Colour Rendering Index (CRI)	[%]	80	80
Beam angle	[°]	11 (± 2)	31 (± 2)
Strobe effect	[Hz]	25	25
Energy efficiency class of light fixture		B	B
Weighted energy consumption per light fixture	[kWh/1000h]	52	52
Rated voltage	[V/DC]	24	24
Power consumption	[W]	139.5	139.5
Rated current	[A]	6.3	6.3
Dim frequency	[Hz]	2800	2800
Power connection		1.00 m cable with box	1.00 m cable with box
DMX connection		1.00 m cable with box	1.00 m cable with box
Protection class		IP 68	IP 68
Dimensions (Ø x H)	[mm]	482 x 100	482 x 100
Material		Stainless steel 1.4404 (AISI 316 L)	Stainless steel 1.4404 (AISI 316 L)
Weight	[kg]	14.4	14.4
Order no.		45077	48638