



	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
ProfiPlane LED 320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PROFIPLANE LED 320/DMX/02

The ProfiPlane is developed for in-ground installation. These LED-lights can be built into practically any natural stone or paving. This makes them ideal for use in wet or dry fountain installations.

Nozzles can be integrated in the middle of the LED spotlights to illuminate the fountains. Thus attractive symmetric illumination with continuously changing colour nuances is produced. However these vibrant colour wonders show their full potential when combined with the Vario-Switch system or the Varionaut-pumps. In combination they pave the way for a completely new composition of open space and fountain installation. The new generation of LED-RGB light comes with highquality stainless steel housing for fresh-, pool- and saltwater (definition see on page 246). These LED-light have temperature regula-

tion and overheating protection so that dry installation is also possible. They have a lifetime up to 100,000 h.* The basic colours of the LED-RGB-lights are each measured for their brightness. Our OASE LED-Driver (see page 166) ensures equal brightness for all lights in the system, thereby creating a homogeneous colour combination.

Product characteristics at a glance

- Energy efficient LED-RGB-light with a center hole D = 22 mm
- Walk-on-able
- Nozzle lamp locking
- 573 Lumen with a narrow beam angle of 16°, max. 16 Watt
- Temperature controlled high quality LED for an extra-long life of up to 100,000 h.*
- Wet and dry installation – water proof in accordance with IP68
- 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 (50720)
- Individual measurement of the basic colours of the LED-RGB lights and the use of the Underwater LED Driver/DMX/02 (50720) guarantees equal brightness of all lights in the system and a homogeneous colour combination.
- Galvanic isolation between the DMX and 24V DC power

*In case of underwater application, an intelligent heat management and quality LED enables a lifetime of up to 100.000 hrs. This claim does not entitle to a guarantee.

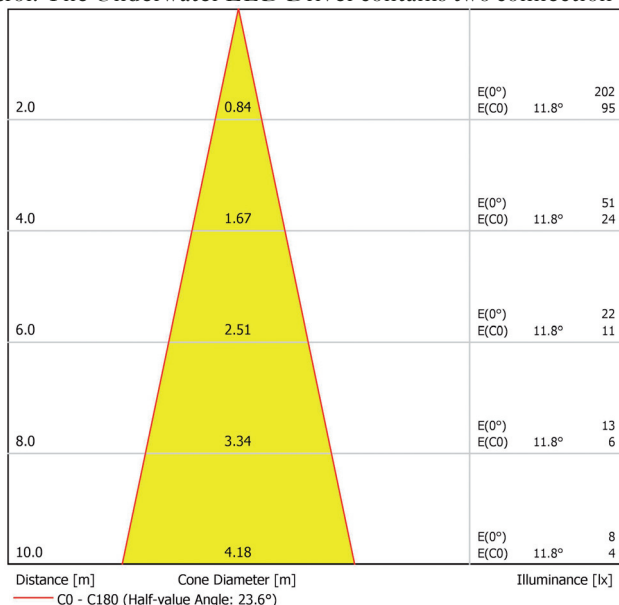


ProfiPlane LED 320/DMX/02



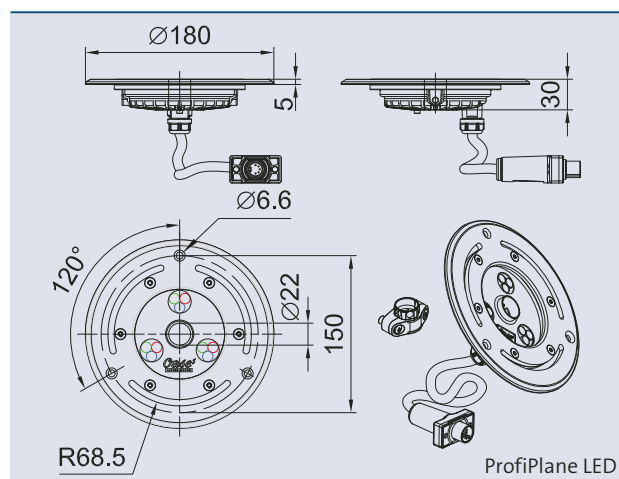
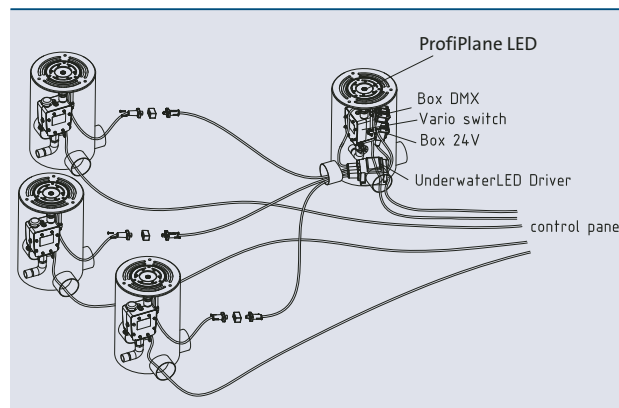
The Underwater LED Driver (see on page 166) is required for the DMX/RDM capable use of the ProfiPlane LED. Also a RDM-capable controller like the WECS II (WECS II 512, WECS II 1024 and WECS II 2048, see on page 174-182) is necessary. Due to this capability they send information back to the control panel. The ProfiPlane LED has one plug with one meter cable to connect with the Underwater LED-Driver. For larger distances the Extension cable hybrid 3.0 m or 7.5 m is used (see on page 164). Up to 4 LEDs can be controlled individually with this external control. The Underwater LED Driver contains two connection

boxes for the 24 Volt power supply and DMX/RDM data source. Through this special connection technology, wiring by hand is no longer necessary. Pumps and other consumer loads (e.g. Varionaut) can be connected easily to DMX/RDM of the light. The pluggable Underwater power supply 250 24 V /01 (see on page 170) is required for the plug and spray function on the 24 Volt power supply.



Accessories (must be ordered separately)

Recommended Nozzles	Order no.
Comet 10-14 silver (see page 42)	50723
Comet 10-12 T (see page 44)	50968
Comet 10-14 T (see page 44)	50969
Extension cable hybrid / 3.0 m (see page 164)	50728
Extension cable hybrid / 7.5 m (see page 164)	56403
Underwater LED Driver (see page 166)	50720
Connecting cable DMX/01 (see page 162)	Order no.
Connecting cable DMX/1.0 m/01	12368
Connecting cable DMX/3.0 m/01	12369
Connecting cable DMX/5.0 m/01	12371
Connecting cable DMX/10.0 m/01	12372
Connecting cable DMX/20.0 m/01	12373
End Resistant for Bus-System DMX/01	12007
Connecting cable 24V DC/01 (see page 160)	Order no.
Connecting cable 24V DC /1.0 m/01	12762
Connecting cable 24V DC /3.0 m/01	12552
Connecting cable 24V DC /7.5 m/01	12553
Connecting cable 24V DC /15.0 m/01	11720
PowerBox 24 V DC / 01 (see page 160)	50493
Underwater power supply 250 / 24 V / 01 (see page 170)	50733
WECS II 512 / DMX/02 (see page 174)	56491
WECS II 1024 / DMX/02 (see page 174)	56492
WECS II 2048 / DMX/02 (see page 180)	56507



DMX-Channel	Function
Channel 1	red
Channel 2	green
Channel 3	blue

ProfiPlane LED 320/DMX/02		
Luminous flux all on	[lm]	573
Luminous flux red	[lm]	172
Luminous flux green	[lm]	307
Luminous flux blue	[lm]	94
Beam angle	[°]	16 (± 2)
Energy efficiency category		A
Weighted energy consumption [kWh/1000h]		17.6
Rated voltage	[V/DC]	24
Power consumption	[W]	16
Rated current	[A]	0.7
Dim frequency	[Hz]	500
Power connection type		Hybrid plug
Cable length	[m]	1
Protection class		IP 68
Static load max.	[t]	1.5
Dimensions (Ø x h)	[mm]	188 x 30
Material		Stainless steel 1.4404 (AISI 316L)
Weight	[kg]	1.50
Order no.		50719