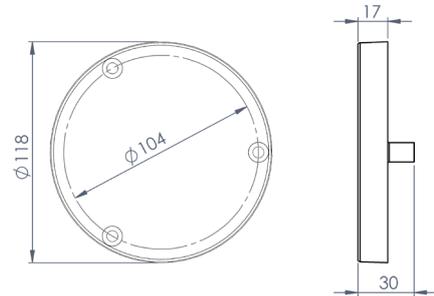


EVA Optic is specialist developer of high-quality LED solutions for swimming pools and sports facilities. All products are developed and manufactured in-house in the Netherlands.



>> EVA R6

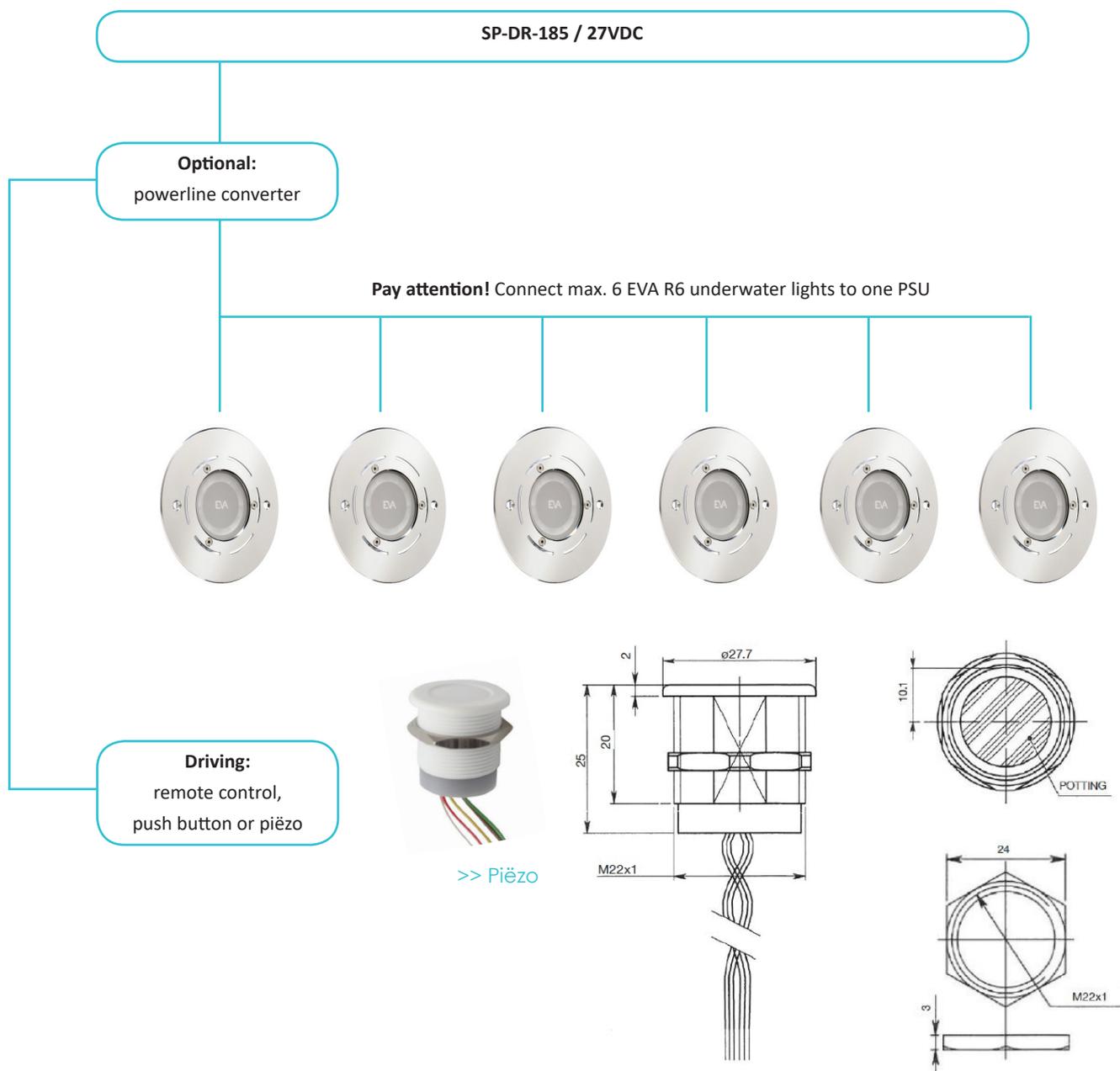
>> EVA R6 with cover for flush mounting



	EVA R6 MONO	EVA R6 RGB
Type of light	IP68 LED underwater light (zone 0)	IP68 LED underwater light (zone 0)
Application	Residential pools	Residential pools
Max. energy consumption system	15W	15W
Type of LEDs	6x RGB high-power multi chip LEDs, only provided with coloured LEDs	6x RGB high-power multi chip LEDs, only provided with coloured LEDs
Colour temperatures	Fixed light colour, by your supplier programmed in the desired light colour Can be ordered without powerline converter	9 pre-programmed colours and scenes, if ordered with powerline converter: 1. White (RGB mixing color) 2. Red 3. Yellow 4. Green 5. Mediterranean blue (green/blue) 6. Blue 7. Purple 8. Color change scene - fade 9. Color change scene - jump
Beam angle	Wide-angle	Wide-angle
Max. water temperature	40°C	40°C
Max. installation depth	25m	25m
Diameter	ø 118 mm	ø 118 mm
Depth luminaire	17 mm	17 mm
Cable length luminaire	5m (2 wires, whereof 2x0.5mm ²)	5m (2 wires, whereof 2x0.5mm ²)
Safety standard compliancy	IEC EN 60598-2-18	IEC EN 60598-2-18
PSU input/output	100-240 Vac / 27Vdc	100-240 Vac / 27Vdc
Driving technology	2-wire powerline with a fixed light colour	2-wire powerline with a few fixed pre-programmed colours and scenes, dimming optional
Synchronisation of lights	6 EVA R6 luminaires	6 EVA R6 luminaires
Driving	-	Remote control, push button or piëzo for on/off or colour change
Max. cable length	25m (2x0.5mm ²)	25m (2x0.5mm ²)
Working temperature power box	-20°C to +40°C	-20°C to +40°C
Protection rating power supply	IP65	IP65
Protection rating powerline converter	IP20	IP20
Protections power supply	Short circuit, overload, overvoltage, SELV equiv., Class 2 output, double insulation	Short circuit, overload, overvoltage, SELV equiv., Class 2 output, double insulation
Warranty	4 years	4 years

* Important note! Always provide sufficient space around both luminaire and power box to allow for cooling

The EVA R6 underwater light receives its power from the SP-DR-185 PSU. You can connect up to 6 EVA R6 underwater lights to one PSU. If you use the R6 underwater light with the corresponding PSU, you can use the underwater light(s) only burn in one colour, the light colour can be determined during installation. Optionally you can use the EVA-PLC-100 powerline converter. Place the powerline converter between the PSU and the underwater light and connect it to the remote control, push button or piëzo for on/off or colour changing out of your private pool. The colour synchronization of each light is guaranteed by sending the colour data over the power cable. This unique solution is provided by the EVA-PLC-100 powerline converter.



No loss of LED capacity in multi coloured lights (RGB lights)

EVA Optic developed Intelligent Power Control (IPC) for RGB verlichting. With IPC the LEDs full capacity is used at all times. Due to the constant light output, a pool is optimally illuminated regardless of the light colour. Without IPC part of the RGBW lights capacity is lost. Depending on colour choice, this loss can reach up to 75%.