

LED Underwater

Philips Underwater LED is a compact, innovative spot and recessed solution designed to create amazing effects in wet or water environments. Fully IP68 to a depth of 3m, it offers a range of different beam angles for precision illumination. Underwater LED is made with copper housing with black coating to withstand water treated with bromide and chlorine. And with a system lifetime of over 25,000 hours (L70 Ta=35°C), it's truly a low maintenance choice.

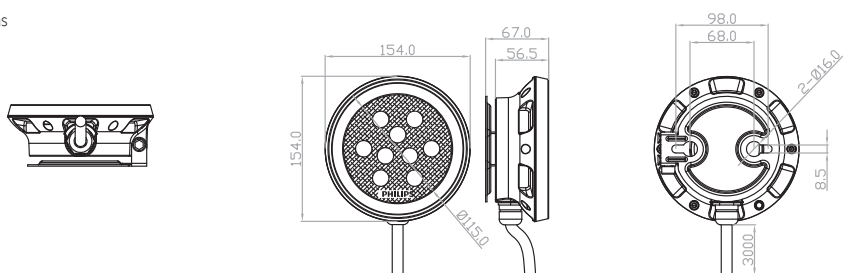


Features and benefits

- Copper housing with black coating ensures it to be able to withstand water treated with bromine and chlorine.
- High quality LEDs and integrated driver ensures a system lifetime of over 25,000 hours @ L70 Ta = 35 °C.
- Robustly designed through strict process control to ensure IP68 protection (3m underwater) and IK07 impact resistant through lifetime.
- Well designed bracket ensures easy mounting for both wall surface mount and ground surface mount.



Dimensions



Type	BCPI 70
Light Source	9 high power LEDs
Light Color	Mono white 3000K, 4000K, RGB Color changing
Lumens	RGB: 400lm, WW: >600lm NW: >700lm
CRI	NW>75 WW>80
Beam angle	12°, 36°
Optic	Lens
System power	18W
Driver	12V DC
Electrical class	Class III
Degree of protection, Impact resistance	IP68, IK07
Resistance to heat and fire	GWT= 850°C for plastics parts
Main cabling	White light Switch on-off: Via 1 x M20 cable gland accepting cable 2 core x >1.5mm ² RGB Color changing: Via 1 x M20 cable gland accepting cable 4 core x >1.5mm ²
Connection	Push in connector in 3 poles accepting wires 3core x >1.5mm ²
Material	Housing: copper; Light window: Temper glass, Mounting Bracket: Stainless steel
Color	Black coating
Operating temperature	-20°C < Ta < 40°C
Control interface	Mono white: Switch on/off, RGB: DMX512
Lifetime	25,000 hours 70% lumen maintenance @ Ta=35°C
Weight	2.3 (Mono White) / 2.5 (RGB)
Dimensions (mm)	Ø154 x H 67
Installation	Ground/Wall surface mounting
Test House-marks	CQC, CE and RoHS compliance

