



One of the smallest underwater luminaires, the FL3/6W is designed for small-scale fountains and water features. With low power consumption and high efficiency, it is one of the value-for-money solutions, yet it can effectively illuminate a 2-meter tall fountain.

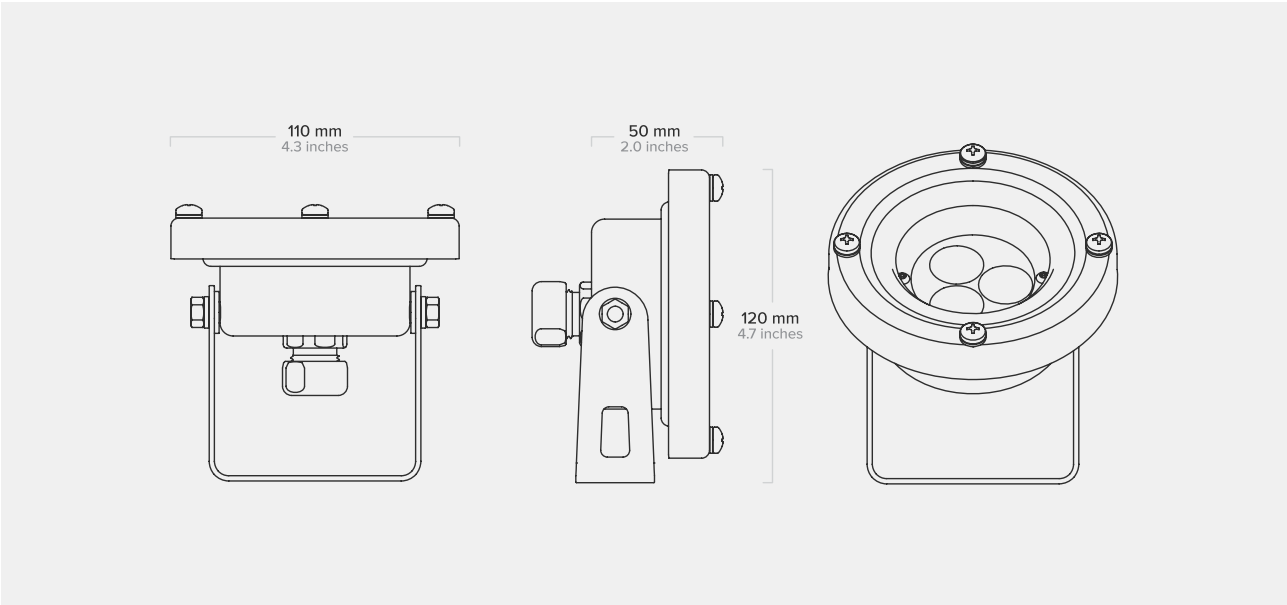
The FL3/6W uses high-power LEDs made by Cree, Inc. (USA) and Gen. 3 LED modules & technologies with embedded microprocessors. It offers IP68 protection degree, it is BIS certified, and UL listed. The housing is made of superior quality, highly durable & corrosion resistant AISI316L stainless steel with premium finishing. It is available in RGBW, RGB, Cool & Warm White, and standard models ship with 3 meters of waterproof, chlorine-resistant cable.

- Industry-leading Lighting Technology
- Stainless Steel AISI 316L 1.4404
- Fontana Precision Engineering
- High-Performance, ultra-reliable Electronics
- Up to 12.5W/1670 Lumens
- 12-24V DC 10-30V DC Operating Range
- Active Thermal Protection 256 levels
- Active & Passive Self-Protections
- IP68,BIS,CE Certified, UL-Listed
- On-board Microprocessor
- Embedded Drivers
- Heavy-duty construction
- Premium finishing

FLOOD 3/6W

Technical Specifications

iotaLAMP



Housing	Stainless Steel AISI 316L also available in Stainless Steel AISI 316Ti	LED Module	Lighting Module Gen.3 with High Power LEDs
Voltage	12-24V DC 10-30V DC Operating Range. Voltage drop does not affect light intensity	Technologies	Microprocessor on board Internal Drivers Active Thermal Protection Surge Protection Reverse Voltage Protection Flicker-Free Technology Equal light output, regardless of voltage drop Soft Start Noise Suppression
Optics	20° Optically-clear Lenses for pool lighting also available: 10°, 14°, 24°, 34°, 50°, 70° and elliptical lenses.	Safety Class	III
Glass	Extra Clear, Tempered, Heat-Resistant Safety Glass	Lifespan	> 80.000 hours estimated Compliant to the LM80 Lumens Maintenance Spec.
Cable	3.0 meters Chlorine-Resistant Waterproof Cable 12ft SOOW for North America, UL Listed Version 5m, 10m, 15m or custom lengths available on request		
Protection	IP68 Protection Grade		
Certifications	BIS,CE, UL Listed WBDT, IP68		



Light Source	WARM WHITE	COOL WHITE	RGB	RGBW
Color	White 3000K	White 6000K	RGB	RGBW
Power	12.5W	12.5W	7.5W	11.5W
Lumens	1520	1670	370	667
High-Power LEDs	3	3	3	4

Custom colors and color temperatures (e.g. 4000K, Amber, RGBAW) are available on request. Custom control options (Dali, DMX, Dimmable) also available. Power & lumens can be modified via firmware to meet specific project requirements.