

## LIFA



### Description:

LIFA is a linear surface-mounted underwater light with IP68 surge protection is a durable lighting fixture designed for submerged applications.

IP rating of 68, this rating signifies complete protection against dust and allows the lights to be submerged in water beyond 1 meter.

It comes with different CCT, R/G/B LED sources and various beam angles this family is a perfect solution to the requirement.

The surge protection feature ensures that the light is shielded from electrical surges, providing added safety and longevity to the fixture, especially in environments where electrical fluctuations may occur.

Ideal for challenging environments, IP68 lights are resilient, making them suitable for outdoor, marine, and demanding applications, ensuring reliable performance in harsh conditions.

### Product Specifications:

Housing : Stainless steel 316 SUS  
Front cover : Stainless steel SUS  
Glass : Clear glass  
Gasket: Molding shaped silicone seal  
Lens/Reflector : Optical lens (efficiency>90%)  
Power Cable: 0.5 mt. power cable included  
Driver : High efficiency, low flicker driver  
Installation Type: Surface Mounted  
Adjustable: Yes

### Technical Specifications:

Wattage: 18 - 24W  
Voltage: DC24V  
Light Source: OSRAM/EPISTAR/CREE  
Lumen: 100lm/W  
Mac Adam: 3 Step  
Safety Class: III  
Working Temperature:-20°C to 55°C  
Life Time: 50,000hrs (L80/B10) at 35°C  
Warranty: 5 Years

### Parameter:

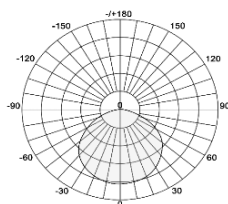
Wattage(W)	:	18W / 24W
Finish	:	Stainless Steel 316 (SS)
Kelvin*	:	2700K / 3000K / 4000K / 6000K / RGB
Beam Angle	:	5° / 8° / 15° / 25° / 40° / 60°
CRI	:	80
Control Mode	:	ON/OFF / DALI / 0 / 1-10V / Phase Cut / DMX

### Order Code:

Product Code	Wattage	CCT	Voltage(DC)	Beam Angle	Finish	Control Mode
5520500	18-18W(12X1.5W)	27-2700K	D-24VDC	5-5°	SS-Stainless Steel 316	1-ON/OFF
	24-24W(12X2W)	30-3000K		8-8°		2-DALI
		40-4000K		15-15°		3-0/1-10V
		60-6000K		25-25°		4-Phase Cut
		92-RGB		40-40°		5-DMX
		93-RGB DMX		60-60°		

**Ex: Order Code:** 55205001827D'5SS1

### Photometric:



### Standards:

EN 60598-1

EN 60598-2-2

EN 60598-3-2

EN 60598-3-3

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at  $\pm 5\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C