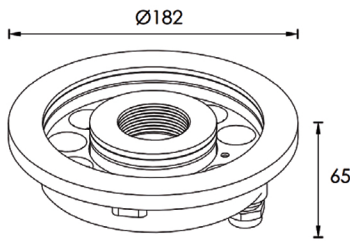


HYDRO



Description:

IP68 lights are highly durable and versatile lighting devices with an Ingress Protection (IP) rating of 68. This rating signifies complete protection against dust and allows the lights to be submerged in water beyond 1 meter for a specified duration without damage. It comes with different CCT and R/G/B LED sources & various beam angles this family is a perfect solution to the requirement. High-brightness high-quality lamp, high lumen, low light loss, long light source life. Ideal for challenging environments, IP68 lights are resilient, making them suitable for outdoor, marine, and demanding applications, ensuring reliable performance in harsh conditions.

Product Specification:

Housing : Stainless steel
 Front cover : Stainless steel
 Gasket: Molding shaped silicone seal
 Lens/Reflector : Optical lens
 Power Cable: 0.5 mt. power cable included
 Driver : High efficiency, low flicker driver
 Installation Type: Under water
 Warranty: 5 Years

Technical Specification:

Wattage: 24 - 48W
 Voltage: DC24V
 Light Source: LED COB
 Lumen: 100lm/W
 Mac Adam: 3 Step
 Safety Class: III
 Working Temperature: -20°C to 50°C
 Life Time: 50,000hrs (L80/B10) at 35°C

Parameter:

Wattage	:	24W / 36W / 48W
Finish	:	Stainless steel (SS) / Customized(C)
Kelvin*	:	3000K / 4000K / 6000K / RGB / RGBW
Beam Angle	:	5° / 10° / 15° / 30° / 45° / 60° / Symmetric / Asymmetric
CRI	:	80
Driver	:	ON/OFF / 0/1-10V / Phase cut / DALI / DMX

*Special Colour & Finish on Request.

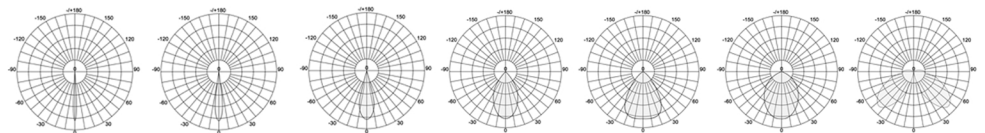
Product Chart:

Product Code	Wattage	Lumens(lm)*	Dimension (Ø)
86418224	24	2400LM	182 mm
86418236	36	3600LM	182 mm
86418248	48	4800LM	182 mm

*Luminous flux value is calculated for 4000K & CRI>80.

*Above mentioned standard wattages can be customized according to designed LUX requirement.

Photometric:



Standards

- EN 60598-1
- EN 60598-2-2
- EN 60598-2-22
- EN 61000-3-2
- EN 61000-3-3
- EN 61547
- EN 55015

Order Code Ex: 86418224 30K 60D 8 1 SS DC

Product Code	CCT	Beam Angle	CRI	Driver	Finish	Voltage
86418236	30K-3000K	5D-5°	8-80	1-ON-OFF	SS-Stainless Steel	DC-24VDC
86418248	40K-4000K	10D-10°		2-0/1-10V	C-Customized	
	60K-6000K	15D-15°		3-Phase Cut		
	RGB	30D-30°		4-DALI		
	RGBW	45D-45°		5-DMX		
		60D-60°				
		S-Symmetric				
		A-Asymmetric				

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