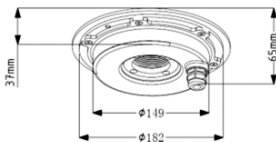
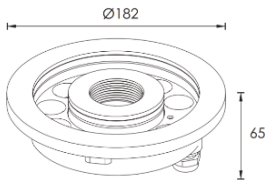


## HYDRO



### Description:

HYDRO IP68 inground light is a durable lighting fixture designed to be installed below ground level, typically used for outdoor or landscape lighting.

It is highly durable and versatile light 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.

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

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 SUS 316
- Front cover : Stainless steel SUS 316
- Glass : Silver print 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: Under Water (Inground)
- Adjustable: No

### Technical Specifications:

- Wattage: 24 - 36W
- 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

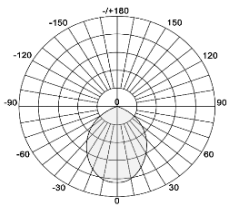
### Parameter:

|              |   |   |
|--------------|---|---|
| Wattage(W)   | : | 24W / 36W   |
| Finish       | : | Stainless Steel 316 (SS)                            |
| Kelvin*      | : | 2700K/ 3000K/ 4000K/ 6000K / R / G / B / RGB / RGBW |
| Beam Angle   | : | 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 |
|--------------|---------------|-------------|-------------|------------|--------------------|--------------|
| 546182       | 24-24W(12X2W) | 27-2700K    | D-24VDC     | 8-8°       | SS-Stainless Steel | 1-ON/OFF     |
|              | 36-36W(12X3W) | 30-3000K    |             | 15-15°     |                    | 2-DALI       |
|              |               | 40-4000K    |             | 25-25°     |                    | 3-0/1-10V    |
|              |               | 60-6000K    |             | 40-40°     |                    | 4-Phase Cut  |
|              |               | 92-RGB      |             | 60-60°     |                    | 5-DMX        |
|              |               | 93-RGB DMX  |             |            |                    |              |
|              |               | 82-RGBW     |             |            |                    |              |
|              |               | 83-RGBW DMX |             |            |                    |              |
|              |               | 94-Red      |             |            |                    |              |
|              |               | 95-Green    |             |            |                    |              |
|              |               | 96-Blue     |             |            |                    |              |

### 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 ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

84-Red DMX  
85-Green DMX  
86-Blue DMX

**Ex: Order Code:** 5461822427D'8SS1

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