

## CELIA



### Description:

CELIA is an underwater recessed luminaire designed for accent lighting, floodlighting and pool washing in water features and aquatic environments. Constructed from high-quality 316 stainless steel with clear toughened glass and a durable PVC recessing box for reliable underwater performance. Its flat and compact design allows easy integration into concrete surfaces with minimal recessing depth. A honeycomb anti-glare accessory is available to reduce direct glare and provide greater visual comfort. The compact form makes it ideal for enhancing swimming pools, fountains, water walls and architectural water features.

### Product Specifications:

Front cover : Stainless Steel 316L  
Housing : Stainless Steel 316  
Glass : Tempered glass  
Light Source : OSRAM / CREE  
Gasket : Moulding shaped silicone seal  
Lens/Reflector : Optical lens (efficiency>90%)  
Power Cable : 1 mt. power cable included  
Driver : High efficiency, low flicker driver  
Installation Type : Inground  
Adjustable : No

### Technical Specifications:

Wattage : 8.3W  
Voltage : 24VDC  
Frequency : 50-60Hz  
Lumen : 50lm/W  
Mac Adam : 3 Step  
Safety Class : III  
Cut out : Ø102x33  
Working Temperature : -20°C to 55°C  
Life Time : 50,000hrs (L80/B10) at 35°C  
Warranty : 5 Years

### Parameter:

|              |   |                              |
|--------------|---|------------------------------|
| Wattage(W)   | : | 8.3W                         |
| Finish       | : | Stainless Steel 316 L        |
| Kelvin*      | : | 2700K/ 3000K / 4000K / 6000K |
| Beam Angle   | : | 8° / 12° / 20° / 30°         |
| CRI          | : | 80+ 90+                      |
| Control Mode | : | ON/OFF / DALI                |

\*Lumen values are calculated at 30° beam angle and 4000K color temperature.

### Order Code:

| Product Code | Wattage   | CCT        | Voltage   | Beam Angle | Finish                   | Control Mode |
|--------------|-----------|------------|-----------|------------|--------------------------|--------------|
| 546108       | 08 - 8.3W | 27 - 2700K | D - 24VDC | 08-8°      | SS-Stainless Steel 316 L | 1-ON/OFF     |
|              |           | 30 - 3000K |           | 12-12°     |                          | 2-DALI       |
|              |           | 40 - 4000K |           | 20-20°     |                          |              |
|              |           | 60 - 6000K |           | 30-30°     |                          |              |

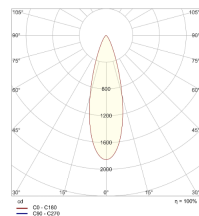
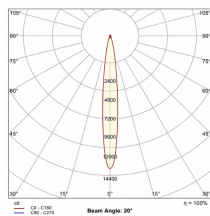
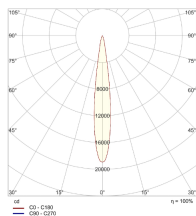
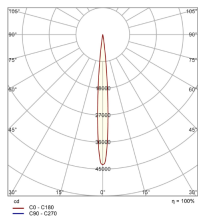
Ex: Order Code: 5461080827D'08SS1

### Standard :

EN 60598-1  
EN 60598-2-2  
EN 60598-3-2  
EN 60598-3-3

### Photometric:

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



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