

## DC12V LED-Lamp Underwater - 12W - IP68



### Product code:

Reference: 8213

### Technical specifications:

REFERENCE: 8213  
Rated Power : 12w  
Nominal Voltage: 12V DC  
Colour: 4000K  
CRI - Chromatic Rendiment Index: 80  
Construction Material: PC Fireproof  
Luminosity-Lm: 1200  
Number & Type of LEDs: SMD2835 Epistar  
Beam Angle (°): 120°  
Luminous diodo LED (Lm/W): 140 Lm/W  
Luminous Efficiency (Lm/W): 100 Lm/W  
Certifications: CE - ROHS  
IP : IP67-Outdoor  
Dimensions (mm): 130x130x12mm  
Energy Rating (2021-UE-2019/2015): A++  
Energy Rating (2023 - UE-2019/2015): A  
Warranty Years: 3

### Product short description:

Underwater **LED lamp** designed to replace halogen **spotlights** in **swimming pools**. The spotlight has a degree of protection against access by particles, dust or liquids of **IP68**, in which case it can be operated during complete and continuous immersion.

It can be installed in ponds, fountains, aquariums, etc...

### Product description:

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The **12w pool spotlight** is characterised by its friction-welded optic lens, specially developed for underwater lighting, distributes the light around the pool evenly and excellently without dazzling bathers, making the lamp a reliable and efficient light to operate.

With body made of high resistance plastic and sealed **IP68** certified CE and ROHS. Incorporates 108pcs of SMD2835 LED chip and 1.5m long cable.

**DC12V** power supply not included. **High LED technology** that offers excellent lighting and a saving of up to 90% in electricity consumption.

They offer an extraordinary lighting atmosphere, being the perfect choice to replace traditional incandescent bulbs in swimming pools, fountains or similar. They can also be used to illuminate aquariums and spaces where there is humidity.

- Energy efficiency superior to any traditional incandescent halogen.
- Luminous beam free of UV or IR rays.
- Low operating temperature.

Installation:

- A. Make a cut in the pool wall where you want to place the spotlight.
- B. Insert a water pipe through the wall that is strong and watertight, thus preventing leaks.
- C. Place the spotlight and its wiring inside the pipe protection by turning it so that it is perfectly screwed and tight to the wall.

Applications of the DC12V LED-Lamp Underwater - 12W - IP68

- Swimming pools
- Jacuzzi
- Ponds
- Fountains
- Aquariums

At FactorLED we ensure that our products have a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESale, including the technical data sheet of each LED product.

# Technical Datasheet

**Additional images:**

