

## Submersible RGB LED Bulb 36W PAR56 - DC12V - IP68 - Steel 316 - IMPACT RESISTANT - IK10- Pool



### Product code:

Reference: POOL36W-RGB

### Technical specifications:

REFERENCE: POOL12-RGB  
Rated Power : 36w  
Nominal Voltage: 12V DC  
Colour: RGB (6x3W)  
CRI - Chromatic Rendiment Index: 70  
Construction Material: Steel + PMMA  
Luminosity-Lm: 3600  
Number & Type of LEDs: SMD  
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): Ø177x13mm  
Other Information: Including 2m cable  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): F  
Warranty Years: 3

### Product short description:

Submersible 36W RGB LED lamp - **PAR56** - designed to replace halogen spotlights in swimming pools. The bulb has an IP68 degree of protection, in this case it can operate during complete and continuous immersion. It can be installed in swimming pools, ponds, fountains, aquariums, etc... - IK10- SHOCK RESISTANT and SALT POOLS.

### Product description:

**36W Submersible - PAR56 - RGB LED Bulb - DC12V - IP68 - 316 Stainless Steel - SHOCK RESISTANT - IK10**

COMPATIBLE WITH OUR HOUSING REF: **8212**

The 36w LED - RGB - pool light bulb is **characterized by its friction-welded optic lens, specially developed for underwater lighting, it distributes light around the** pool evenly and excellently without dazzling bathers, which makes the lamp a reliable and efficient light for its operation.

**One of the problems that usually arise with surface luminaires made of plastic or glass, is that they tend to break due to blows under water in swimming pools; Being an IK10 product made of steel, this problem of breakage due to blows is solved.**

With body made of high resistance 316 stainless steel that supports salinity. 316 steel is a type of austenitic stainless steel that contains chromium, nickel, and molybdenum as the main alloying elements. This type of stainless steel is very resistant to corrosion and oxidation in highly aggressive environments, with chlorine and saline environments. 316 steel has advantages over other types of steel when used with saline or chlorinated water:

- Corrosion Resistance: 316 steel contains molybdenum, making it highly resistant to corrosion in saline water environments. This makes it ideal for use on marine equipment, and other components that will be exposed to corrosion.
- Rust Resistance: 316 steel is highly resistant to rust in salt water environments due to its chromium content. This means that it will not easily rust or corrode, thus extending the life of the material.
- Easy Maintenance: 316 steel is easy to clean and maintain, making it ideal for applications in marine environments. The surface of 316 steel is smooth, which prevents the accumulation of dirt and other contaminants.
- High mechanical resistance: 316 steel is highly resistant to deformation and breakage due to its high mechanical resistance. This makes it ideal for use in applications where it can take a beating such as swimming pools.

RGB Controller included in each lamp: Each bulb incorporates its controller, so you don't have to worry about anything. Just connect to 12V DC.

**SUPER EASY INSTALLATION:** This underwater light should always be installed by qualified personnel. To install them, you always have to disconnect the power supply.

Since each RGB bulb includes its own RGB controller inside, you will not need anything more than connecting the 12V power cables. DC.:

1. Turn off electrical power to the pool.
2. Place the RGB bulb in the Pool niche and connect to the 12V DC LED source, making sure that the positive and negative DC cables are correctly connected.
3. Turn on electrical power.

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

4. Program the RGB bulbs to work according to your lighting preferences on your remote control.
5. Enjoy your new pool lighting.

The LED luminaire is IP68 rated, making it completely waterproof and dustproof, and can be submerged in water for long periods of time.

**High LED technology** that offers excellent lighting and savings of up to 90% in electricity consumption.

They offer an extraordinary lighting atmosphere, being the perfect option to replace traditional incandescent bulbs for swimming pools, fountains or similar.

- Energy efficiency superior to any traditional incandescent halogen.
- Light beam free of UV or IR rays.
- Low operating temperature.
- They improve pool safety by making it more visible at night or in low light conditions.
- Help swimmers see better in the pool, which can reduce the risk of accidents or injuries.
- Its decorative use will give more category and revalue the property.

**Applications of the 36W Submersible RGB LED Bulb - DC12V - IP68 + Controller - 316 Stainless Steel - SHOCK RESISTANT - IK10**

- Swimming pools
- Jacuzzi
- ponds
- Sources
- 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 for each LED product.

**Additional images:**

