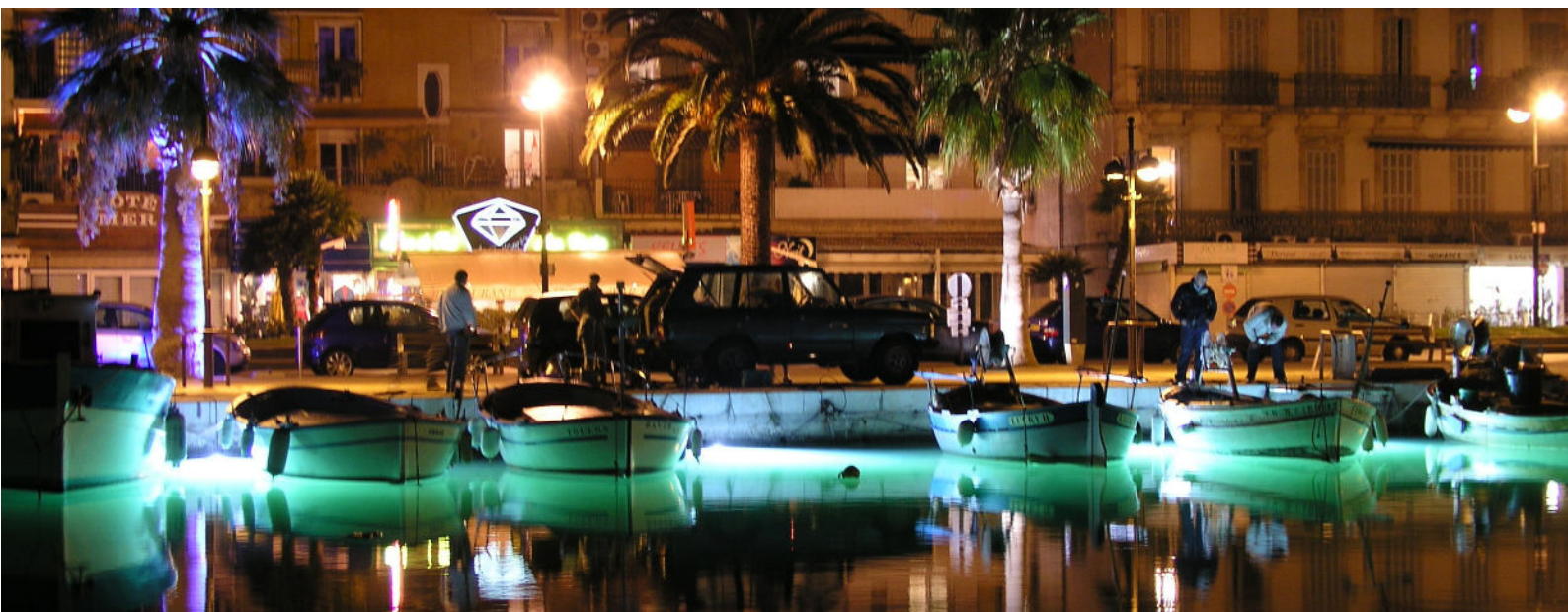




100W UNDERWATER LED FLOODLIGHT

patented underwater lighting fixtures are derived from the most recent technologies used in underwater motion picture and scientific underwater exploration. Our LED modules are 4 times more efficient than same power tungsten or halogen lights.

APPLICATIONS

- Designed for underwater architectural applications
- Enhance waterfronts, marinas, beach bars & clubs

FEATURES

- 4 x brighter than regular lights
- White, Royal Blue or RGB Color are available
- Built-in LED driver
- Programmable dynamic lighting with DMX controller
- Safe, reliable and easy to install
- Made to withstand harsh and rough saltwater environments
- High power up to 100W
- Luminous flow up to 12000 Fixture Lumens
- Two years warranty

TECHNICAL SPECIFICATIONS



WHITE VERSION

Light Source:
CCT:
Average LED Life time:

High power LED Array
3000°K – 8000°K
> 25000h

ROYAL BLUE VERSION

Light Source:
CCT:
Average LED Life time:

High power LED Array
465 – 470nm
> 25000h

RGB VERSION

Light Source:
CCT:
Average LED Life time:

High power LED Array
Red 625nm - Green 520nm - Blue 465nm
> 25000h

OTHER VERSION

On request:

Aquarium Light, Cool white,

OPTICAL

Beam Angle with lens*
Beam Range*

> 60°
> 15m

*Depend on water turbidity

POWER SUPPLY & CONTROL

Input:
Power:
Driver:
Control and Effect:
Thermal Protection:

12 to 24V DC
< 120W
Built-in
DMX 512 Std compliant
Active with embedded temp. sensor

DIMENSIONS & MATERIALS

Diameter x Height:
Weight in Air:
Housing material:
Porthole material:

155 mm x 60 mm
< 2kg
Marine grade cast aluminum
Tempered Borosilicate glass

WATERTIGHTNESS

Depth rating:
Porthole:
Cable connection:

IP68-10m
By O-Ring
Overmolded cable gland

SUBSEA CABLE

Without DMX:
With DMX:

Special cable 2x 2,5mm²
Special cable 2x 2,5mm² + 1xTSP

ENVIRONMENTAL

Operating temperature:
Storage temperature:
Shock resistance:

2°C to +35°C in water only
-20°C to +55°C
IK07