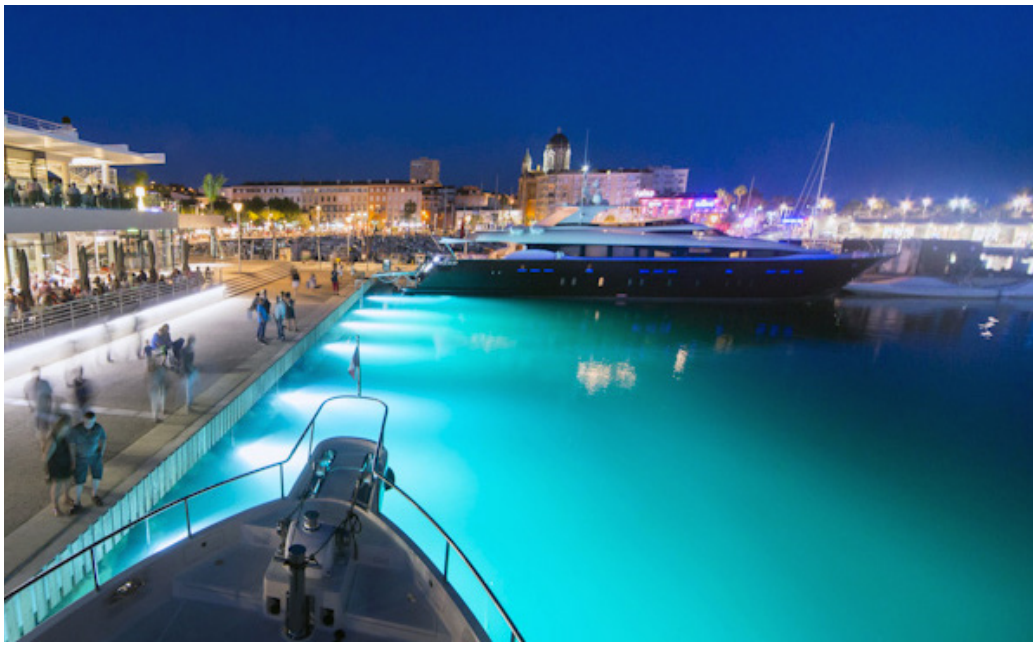


400W UNDERWATER LED FLOODLIGHT

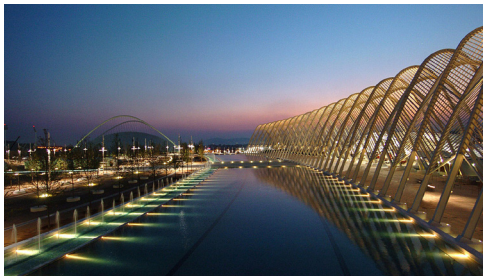
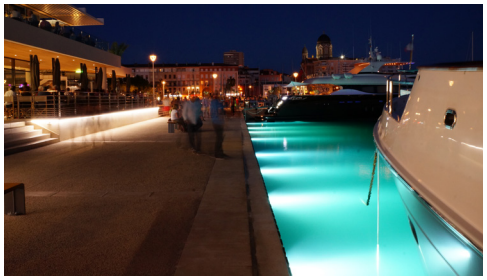
patented underwater lighting fixtures are derived from the most recent technologies used in underwater motion picture and scientific underwater exploration.
The LED are up to 2 times more efficient than equivalent metal halide bulbs.
Thanks to a continuous and near-daylight visible spectrum output of light, propagation in water is significantly increased.

APPLICATIONS

- Designed for demanding industrial and heavy-duty underwater works
- Enhance waterfronts, bridges & marinas

FEATURES

- 2 x more efficient than metal halide lighting fittings
- Safe, reliable and easy to install
- Powered with subsea cable and cable glands or optional underwater connectors
- Made to withstand harsh and rough saltwater environments
- White colors from 5000°K to 6500°K
- Two years warranty

TECHNICAL SPECIFICATIONS

Model Number	**10**	**50**
Light source, Qty	High power COB LED, 2	
Colour temperature	5000°K, 5700°K or 6500°K	
Average LED life time	> 25000h	
Luminous flow	70000lm	
Supply	230VAC /50Hz	
Input power	< 500W	
Lens type	Wide, Medium, Narrow	
Beam range[1]	> 20m	
Fixture dimensions	D350mm*H400mm	
Weight in air [2]	27kg	28kg
Weight in sea water [2]	-12daN	-13daN
Protection rating	IP 68	
Shock resistance	IK07	
Maximum depth	20m	
Watertightness	By O ring and silicone Gasket	
Housing Material	Stainless steel 316L	
Porthole	Tempered Borosilicate	
Protection (option)	Stainless steel 316L protective cage	
Connection	Cable gland	Underwater connector
Fixation	By 3 M10 screw	
Operating temperature	-5°C to +35°C (use in water only)	
Storage temperature	-20°C to +55°C	
Option	Dimming TBD	
[1] *Depend on water turbidity*		
[2] *With protective cage and sacrificial anode*