UNDERWATER METAL HALIDE LIGHTING FIXTURES

OSEAN's underwater patented lighting fixtures are derived from the most recent technologies used in underwater motion picture and scientific underwater exploration. The metal halide bulbs are up to 4 times more efficient than equivalent tungsten lights. Thanks to a continuous and near-daylight visible spectral output of light, propagation in water is significantly increased.

APPLICATIONS

- Designed for demanding industrial and heavy duty underwater works
- To enhance and enjoy waterfronts, bridges and marinas

FEATURES

- 4 x brighter than regular 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
- Safe, reliable and easy to install
- Available power: 250W and 575W

TECHNICAL SPECIFICATIONS

Model Number	318.020	318.030	316.110	316.111	316.150	316.151
Nominal bulb power	250W		575W			
Bulb type	Metal halide		Metal halide			
Colour temperature	6000°K or 8000°K		6000°K or 7200°K			
Average bulb life time	2000h		3000h			
Luminous flow	16000lm		44000lm			
Supply	230VAC /50Hz		230VAC /50Hz			
Input power	< 280W		< 625W			
Warm up time	< 1min		< 1min			
Reflector type	Wide flood		Medium flood	Wide flood	Medium flood	Wide flood
Beam range[1]	> 10m		> 20m			
Fixture dimension	D285mm*H330mm		D350mm*H400mm			
Weight in air [2]	13kg	14kg	28kg		29kg	
Weight in sea water [2]	-6daN	-7daN	-13daN		-14daN	
Protection rating	IP 68					
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	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					

[1] *Depend on water turbidity*
[2] *With protective cage and sacrificial anode*