

Underwater Floodlight HID 50



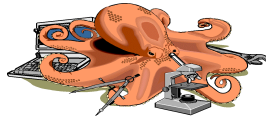
The UWS 40 underwater floodlight unit consists of a 1.4462 stainless steel housing fitted with Borosilicate glass. It is equipped with a metal vapour lamp (HID = High Intensity Discharge) and achieves a light output equivalent to at least a 250 W halogen light source at an input power of 62 W. Since the power conversion electronics are located within the stainless steel housing, the floodlight can be used with 24 V (DC).

Technical specifications are provided on the following page.

Technical Specifications

Mechanical Specifications

Housing material:	1.4462 stainless steel (standard) titanium steel available upon request
Dome:	Borosilicate glass
Diameter:	132 mm
Length without connector:	280 mm
Weight in air:	16,0 kg
Weight in water:	12,2 kg



Electrical Specifications

Connector:	SUBCON BH 4 M (standard)
Contact marking:	1 = GND, 2 = +24 V, 3 = NC, 4 = NC
Nominal current:	24 V DC (22V – 29 V)
Nominal output:	62 W
Nominal current:	2,6 A

Optical Specifications

Lamp:	DL 50 (Xenon)
Color temperature:	3,900 K
Light current:	5.300 \pm 450 lm
Average life:	3,000 hours
Reflector:	100° (other angles optional)

Capability

Max. deployment depth:	6,000 m
Deployment temperature:	-10° C to +40° C