

Don't panic...



(C) Photo Senckenberg

...let there be light!

Illuminating shots in spite of total darkness

Due to the light absorbing nature of the water and floating suspended solids there is complete darkness at water depths of 120 m and beyond. Therefore, specific underwater lights are essential in order to explore the flora and fauna of our oceans. **Oktopus** provides the Underwater Light **HID 50** which can help you take incredibly brilliant photographs such as the one on this card. Using a metal vapour lamp the Underwater Light **HID 50** (High Intensity Discharge) achieves a light output equivalent to at least a 250 W halogen light source at an input power of only 62 W. The power conversion electronics are built into the stainless steel housing.



(C) Oktopus

Visit **www.oktopus-kiel.de** and learn more about our products and the advantages our customer-oriented manufacturing holds for you!

with the Oktopus Underwater Light HID 50

Specifications

Environmental

Protection class:	IP 68
Nominal diving depth:	6 000 m
Test pressure:	780 bar
Operating temperature:	-10 °C to +40 °C
Storage temperature:	-30 °C bis +70 °C

Mechanical

Housing:	St. steel 1.4462
Window material:	Borosilicate
Diameter:	132 mm
Length w/o connector:	280 mm
Weight in air:	16 kg (35.3 lbs)
Weight in water:	12.2 kg (26.9 lbs)

Electrical

Connector:	SUBCONN BH4M
Nominal input voltage:	24 VDC (22 to 29 V)
Nominal input power:	62 W
Nominal input current:	2.6 A

Subject to technical changes; as of September 2008

Optical

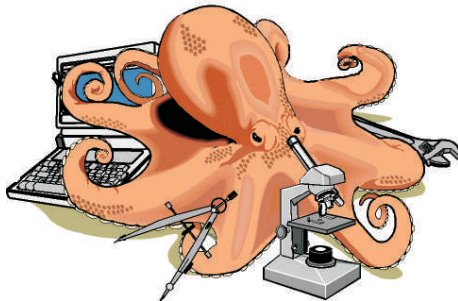
Bulb:	DL 50
Bulb power:	50 W
Color temperature:	3 900 K
Luminous flux:	5 300 ± 450 lm
Characteristic life:	3 000 h
Reflector:	100° (other angles optional)

Your application requires other specifications?

Please do not hesitate to contact our staff at **+49 431 7209350** or send us an email: **info@oktopus-mari-tech.de**.

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