

Compact light



SpotLED™ MDX

- Compact LED subsea light
- High efficiency: 136 lm/watt

SPECIFICATIONS

PERFORMANCE

Lamp type	LED chip on board	
Light temperature	5000° K	
Color rendering index	80	
Luminous flux	3000 lumen ¹	
Beam angle	70°	45°
Illuminance @ 1 m (lux)	1050	2000

ELECTRICAL

Operating voltage	24 VDC (20-30V)
Operating current	0.9 A
Power	22 Watt
Dimmable	External / 0-10 VDC

MECHANICAL

Housing	Aluminium 6082 6T, 6061 6T (Stainless S 316L as option)
Finish	Hard anodized (black or gray)
Window	Optic acrylic / Borosilicate glass BK7 / Sapphire
Connector	SCBH3M SCBH2M or other upon request
Diameter / Length	50 / 44 / 105 mm (excl. connector)
Weight in air	0.36 kg
Weight in water	0.25 kg

ENVIRONMENTAL

Rated depth	2000 / 4000 / 6000 m
Operating temperature	-2 °C to 40 °C in water
Operation in air	Approx. 10 minutes @ 22 °C (auto cut-off & reset)
Storage temperature	0-80 °C

¹ LUMEN & LUX

Luminous flux (lumens) is the total light output of a lamp and indicates how powerful and efficient the lamp is. Incandescent bulbs provide about 19 lumens/watt and LED typically more than 130 lumens/watt.

Illuminance (lux) is the luminous intensity per unit area of light, lumen/m². Lux number depends on lumens, the beam angle and the distance to the surface.