

Compact light



SpotLED™ MDX

-Compact LED subsea light
-High efficiency: 150 lm/watt

SPECIFICATIONS

PERFORMANCE

Lamp type	LED power chip on board
Light temperature	4500° K
Color rendering index	80
Luminous flux	3600 lumen ¹
Beam angle	60°
Illuminance @ 1 m (lux)	1550

ELECTRICAL

Operating voltage	32-60V DC
Operating current	0.5 A at 48V
Power	24 Watt max
Dimmable	External / 0-5 VDC

MECHANICAL

Housing	Aluminium 6061 6T (Stainless S 316L as option)
Finish	Hard anodized (black or gray)
Window	Borosilicate glass BK7 / Sapphire as option
Connector	BH3M, BH4M, MCBH4M
Diameter / Length	50 / 44 / 105 mm (excl. connector)
Weight in air	0.38 kg
Weight in water	0.26 kg

ENVIRONMENTAL

Rated depth	2000 m
Operating temperature	-10 °C to 45 °C in water
Operation in air	Approx. 10 minutes @ 22 °C (auto cut-off & reset)
Storage temperature	0-120 °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 140 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.