

Compact Spotlight



SpotLED™ MDX

- Detachable front sleeve.
- Powerful: Equiv. to a 250 Watt lamp.
- Shock resistant / long life.
- Thermal protected for operation in air.

SPECIFICATIONS

PERFORMANCE

Lamp type	High power LED array
Light temperature	5600° K Typical
Optional temperatures	3000 or 4100 °K
Color rendering index	65
Luminous flux	2200 lumens ¹

ELECTRICAL

Operating voltage	24 V
Operating current	1.75 A
Power	42 Watt
Beam angle	65°
Illuminance @ 1 m	1100 lux ¹

MECHANICAL

Housing	Aluminium alloy 6082 T6 or 6061 T6
Finish	Hard black anodized
Window	Optic acrylic
Connector	BH2M / MCBH2M / LPBH2M
Diameter / Length	50 / 44 / 95 mm (excl. connector)
Weight in air	0.33 kg
Weight in water	0.23 kg

ENVIRONMENTAL

Rated depth	2000 m
Operating temperature	-2 °C to 40 °C in water
Operation in air	Approx. 3 minutes @ 22 °C (auto cut-off)
Storage temperature	0-60 °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 up to more than 100 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.