

LED10

Power LED Light Source



With 2,300 lm at the end of the light guide, the LED10 power LED cold light source offers light intensity that is outstanding on the market. The light source is available with colour temperatures of 6,900 K or 5,600 K (daylight) and offers optimum, homogeneous illumination of the light guides. Optimized electronics ensure flicker-free light, which makes the light source ideal for camera applications. A temperature-controlled fan ensures that noise is minimized.

KEY-FEATURES

- Outstanding light intensity
- Minimal noise development
- Flicker-free light, ideal for high-speed shots
- Optimum and homogeneous illumination of the light guides
- Glare protection thanks to light guide detection.
- Continuous brightness adjustment from 0 - 100%
- 3-fold thermal protection
- Compact and sturdy aluminium housing
- Integrated power supply unit
- Stackable

**MADE
IN
GERMANY**



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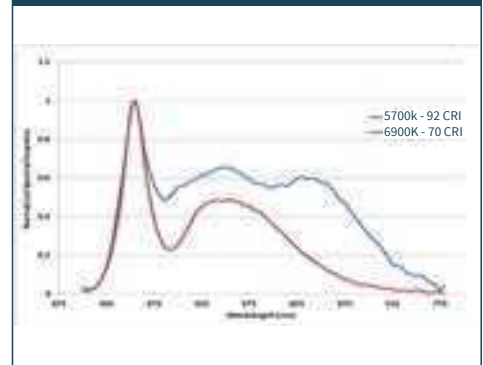
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TECHNICAL DATA

Optics

Illuminants	High Power LED
Risk group	2
Active Ø light guide	max. 11 mm
Colour temperature	see product variants ¹⁾
Colour rendering index	see product variants ²⁾
Luminous flux	see product variants ³⁾
Measured with a StarLight Opto-Electronics glass fibre light guide with an active Ø of 9 mm	

Spectral Curve



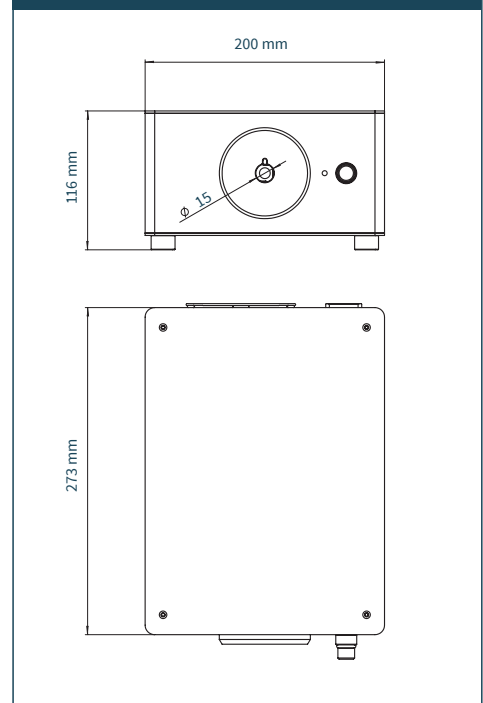
Electrics

Power consumption	approx. 135 W
Power supply input	100 - 240 V AC, 50/60 Hz
Operating voltage	100 - 240 V AC, 50/60 Hz
Protection class	I
Temperature range	5°C - 40°C
LED service life	60,000h (L70, according to manufacturer's specification) 70 % of the original luminous flux is guaranteed after the specified operating hours.

Mechanics

IP Rating	IP20
Weight	approx. 2.3 kg
Control unit dimensions (L × W × H)	273 mm × 200 mm × 116 mm
colour	Black and silver
Material	Anodized aluminium
Fibre optic connection	Standard Ø 15 mm

Dimension Drawing



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PRODUKT VARIATIONS

100-013658	LED10-P [EU]	6.900 K ¹⁾ , CRI 75 typ. ²⁾ , ca. 2300 lm ³⁾ , EU-Plug
100-013711	LED10-P [US]	6.900 K ¹⁾ , CRI 75 typ. ²⁾ , ca. 2300 lm ³⁾ , US-Plug
100-013712	LED10-P [UK]	6.900 K ¹⁾ , CRI 75 typ. ²⁾ , ca. 2300 lm ³⁾ , UK-Plug
100-013713	LED10-P [CH]	6.900 K ¹⁾ , CRI 75 typ. ²⁾ , ca. 2300 lm ³⁾ , CH-Plug
100-013789	LED10-D [EU]	5.600 K ¹⁾ , CRI 92 typ. ²⁾ , ca. 1800 lm ³⁾ , EU-Plug
100-013790	LED10-D [US]	5.600 K ¹⁾ , CRI 92 typ. ²⁾ , ca. 1800 lm ³⁾ , US-Plug
100-013791	LED10-D [UK]	5.600 K ¹⁾ , CRI 92 typ. ²⁾ , ca. 1800 lm ³⁾ , UK-Plug
100-013792	LED10-D [CH]	5.600 K ¹⁾ , CRI 92 typ. ²⁾ , ca. 1800 lm ³⁾ , CH-Plug

ACCESSORIES

100-006343	Adapter	for Schott fibre optic light guides 10 + 12 mm
Find a large selection of fibre optic lightguides in our online shop at shop.starlight-oe.com . Please contact us for custom solutions tailored to your specific application.		

SCOPE OF DELIVERY

1 pc	LED Cold Light Source LED10
1 pc	Power Cable
1 pc	User Manual

SHIPPING INFORMATION

HS-Code	94054139
Country of origin	Germany

QUALITY MANAGEMENT

QM System	We maintain a certified quality management system to safeguard our services that fulfils the current requirements of the ISO 9001: 2015 standard. Reg. no.: 313713QM15.
EC conformity	Our products are manufactured in accordance with the European Directive 2001/95/EC (CE).