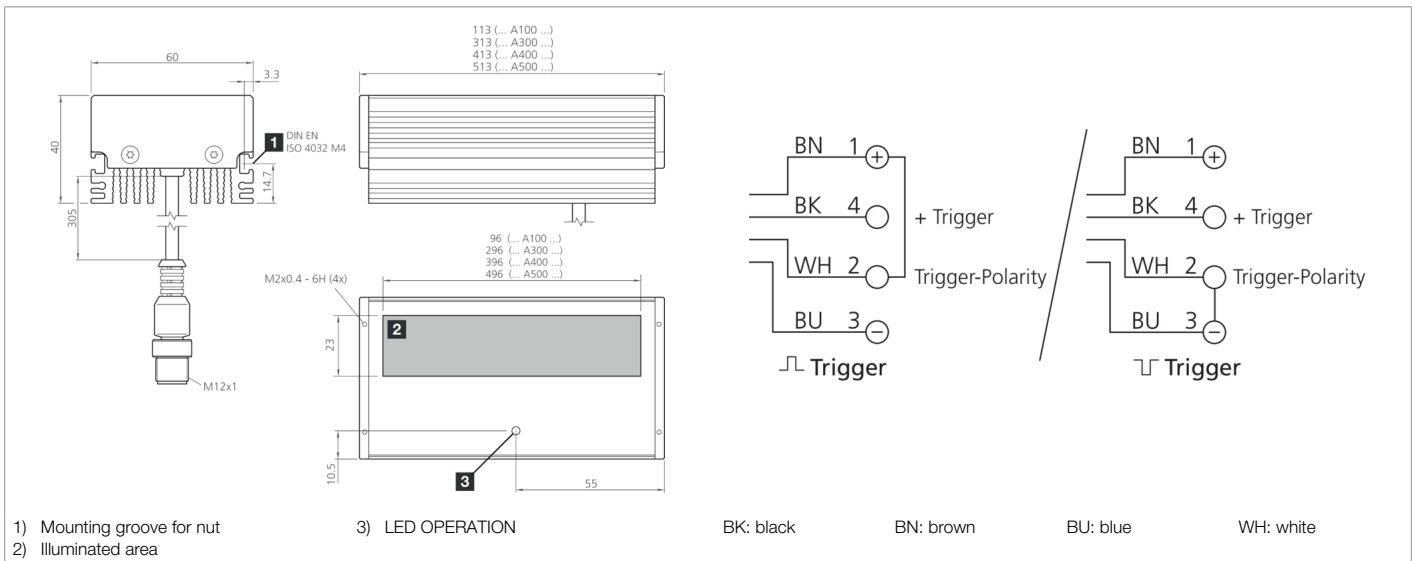




**208173**  
**BEK-A100-G0T-K-BS**  
**Barlight**

- Extremely high illuminance due to the most modern high-power LEDs
- Integrated power control with high efficiency
- Intelligent temperature control with switch-off automatic
- Homogeneous light field thanks to special LED optics
- High protection type
- Separate inputs for trigger signal and trigger polarity
- Robust metal housing
- Universal mounting options
- Scratch-resistant safety screen
- Crossbars and attachment optics available as an option



Function									

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC (Supply Class 2)
Internal power consumption	550 mA (24 V DC)
Power	12.5 W (24 V DC)
Inverse polarity protection	Yes
Illuminated area	96 x 23 mm
Housing dimensions	40 x 60 x 113 mm
Housing material	Aluminum (Black, Anodized)
Material	PMMA, hardcoated (Safety screen)
Weight	470 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Risk group 1
Approvals	UL
Design	Barlight
Trigger input high level	3.3 ... 30.0 V
Trigger input low level	< 2.8 V
Light source	LED
Color	Infrared
Wavelength	850 nm
Deflection angle FWHM	30°



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**Barlight**

Technical data (typ.)	+20°C, 24 V DC
Light intensity	<ul style="list-style-type: none"> <li>■ 44000 µW/cm<sup>2</sup> (100.0 mm)</li> <li>■ 18000 µW/cm<sup>2</sup> (200.0 mm)</li> <li>■ 3900 µW/cm<sup>2</sup> (500.0 mm)</li> </ul>
Control	Integrated power control
Display	LED Green - Operating display
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	0 ... +40 °C
Protection type	IP 67
Connection	Pigtail, 0.3 m (+ Connector M12), 4-pin
Connection cable	VK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/208173">https://www.di-soric.com/208173</a></b>