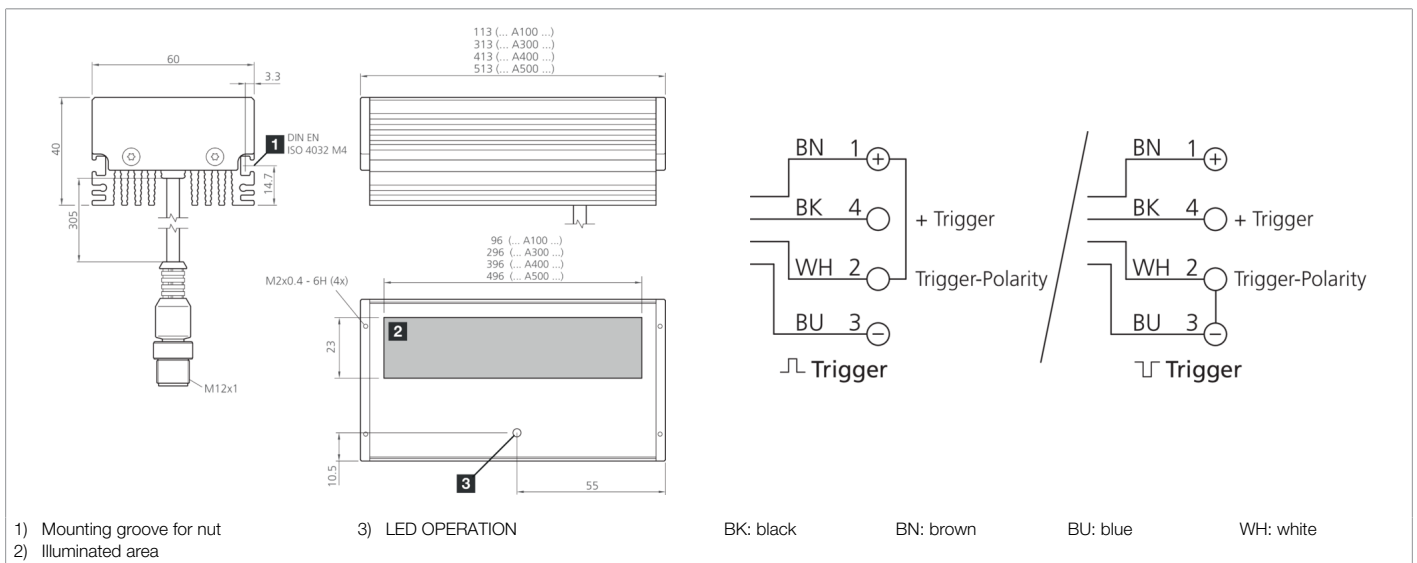




**208178**  
**BEK-A300-G0T-K-BS**  
**Barlight**

- 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  | 1400 mA (24 V DC)                        |
| Power                       | 32.5 W (24 V DC)                         |
| Inverse polarity protection | Yes                                      |
| Illuminated area            | 296 x 23 mm                              |
| Housing dimensions          | 40 x 60 x 313 mm                         |
| Housing material            | Aluminum (Black, Anodized)               |
| Material                    | PMMA, hardcoated (Safety screen)         |
| Weight                      | 1050 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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| Technical data (typ.)                 | +20°C, 24 V DC  |
|---------------------------------------|---|
| Light intensity                       | <ul style="list-style-type: none"> <li>■ 37000 µW/cm<sup>2</sup> (100.0 mm)</li> <li>■ 19000 µW/cm<sup>2</sup> (200.0 mm)</li> <li>■ 7000 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, M12, 4-pin  |
| Connection cable                      | VK ...  |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/208178">https://www.di-soric.com/208178</a></b>  |