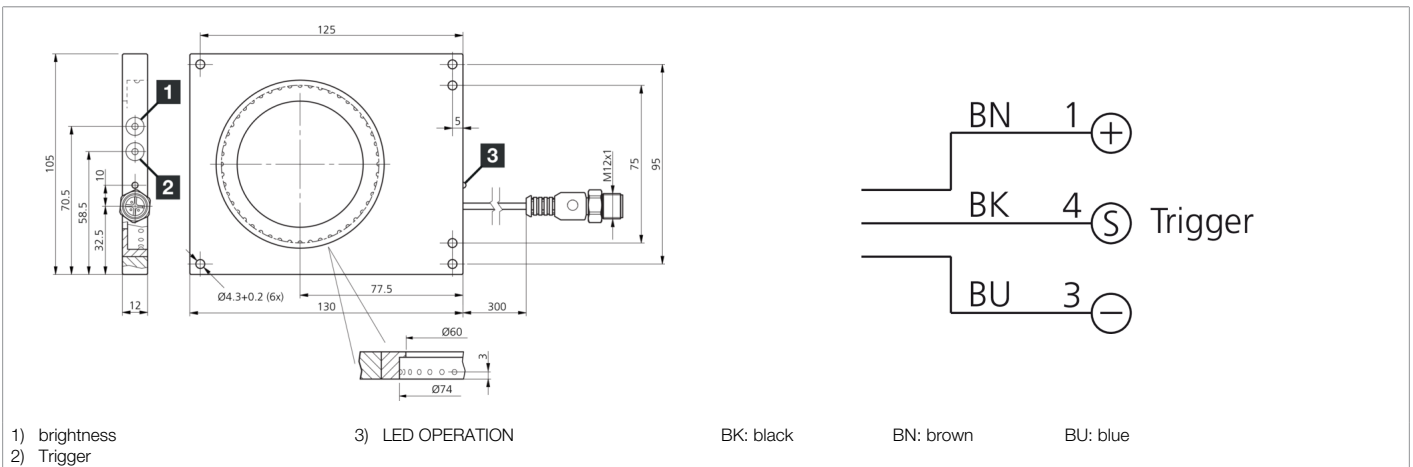




**207442**  
**BEK-D70-G3TI-K-BS**  
**Dark field light**

- To detect the finest changes in surface
- Constant level of light intensity over the entire voltage range
- Homogeneous illumination
- Protection class IP 67
- Low levels of heat produced
- External trigger input
- High efficiency
- Light intensity can be adjusted
- Sturdy housing design



Function										

Technical data (typ.)		+20°C, 24 V DC
Service voltage		10 ... 35 V DC (Supply Class 2)
No-load current (max.)		200 mA (24 V DC)
Power		5.0 W (24 V DC)
Inverse polarity protection		Yes
Insulation voltage endurance		500 V
Illuminated area		Ø 70
Housing dimensions		105 x 130 x 12 mm
Diameter		Ø 70 mm (Diameter)
Housing material		Aluminum (Black, Anodized)
Protection class		III, operation on protective low voltage
Risk group (DIN EN 62471)		Risk group 1
Approvals		UL
Design		Dark field light
Characteristics		Trigger input
Trigger input high level		3.3 ... 35.0 V
Trigger input low level		< 2.8 V
Light source		LED
Color		Blue
Wavelength		465 nm
Deflection angle FWHM		30°
Control		Integrated power control
Display		LED Green - Operating display

**207442****BEK-D70-G3TI-K-BS****Dark field light**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
On-delay time (Trig.)	0.400 ms
Switch off delay (Trig.)	0.120 ms
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	0 ... +40 °C (Continuous operation)
Protection type	IP 67
Connection	Pigtail, 0.3 m, M12, 3-pin
Connection cable	VK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/207442">https://www.di-soric.com/207442</a></b>