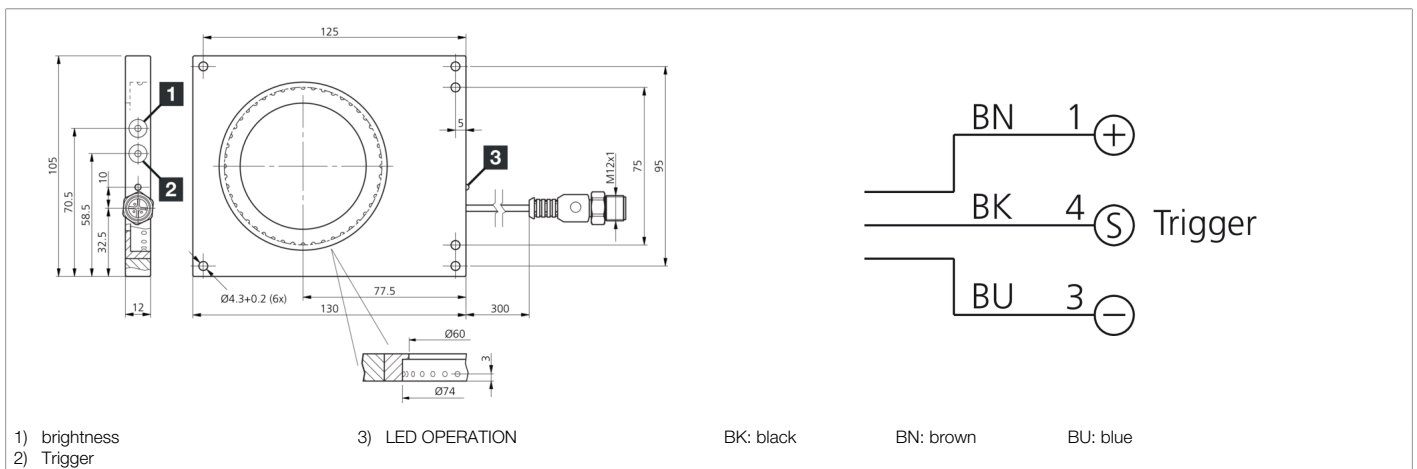




**207440**  
**BEK-D70-G1TI-K-BS**  
**Dark field light**

- 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.)	150 mA (24 V DC)
Power	3.5 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)	Free group
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	Red
Wavelength	630 nm
Deflection angle FWHM	40°
Control	Integrated power control
Display	LED Green - Operating display

**207440****BEK-D70-G1TI-K-BS****Dark field light**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
On-delay time (Trig.)	0.360 ms
Switch off delay (Trig.)	0.110 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/207440">https://www.di-soric.com/207440</a></b>