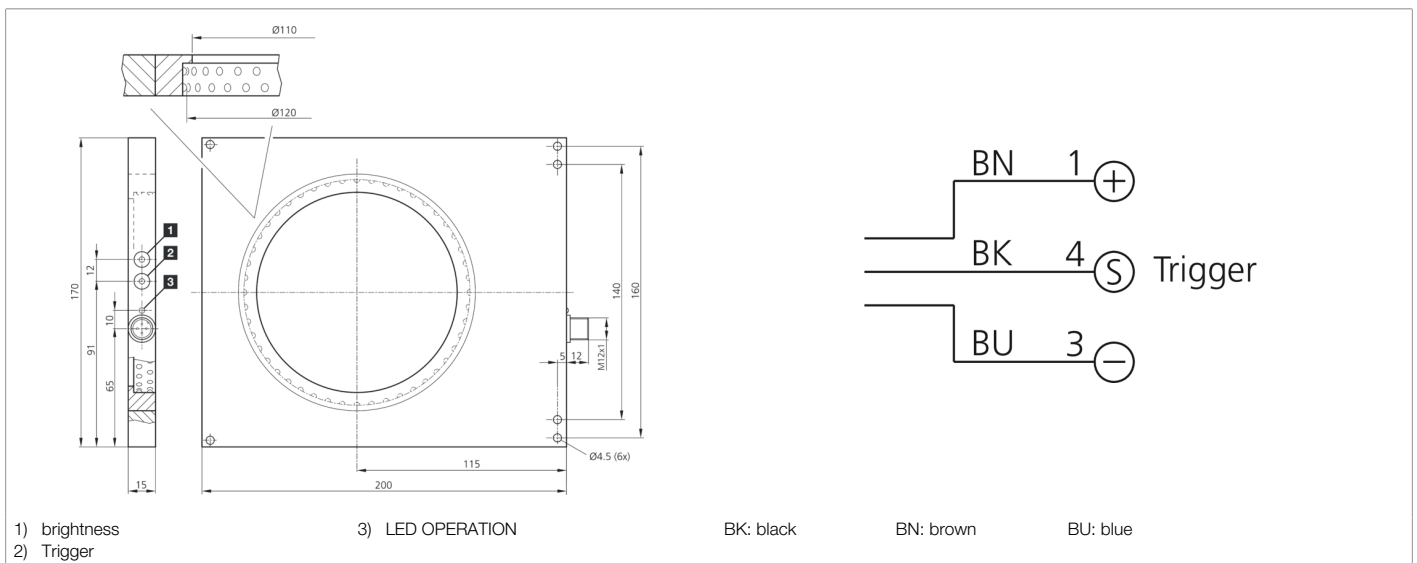




**204985**  
**BEK 1-D120-G2TI-IBS**  
**Dark field light**

- 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.)	350 mA (24 V DC)
Power	8.5 W (24 V DC)
Inverse polarity protection	Yes
Insulation voltage endurance	500 V
Illuminated area	Ø 120
Housing dimensions	170 x 200 x 15 mm
Diameter	Ø 120 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	Green
Wavelength	525 nm
Deflection angle FWHM	40°



**204985**

**BEK 1-D120-G2TI-IBS**

**Dark field light**

**Technical data (typ.)**

**+20°C, 24 V DC**

Control	Integrated power control
Display	LED Green - Operating display
On-delay time (Trig.)	0.270 ms
Switch off delay (Trig.)	0.070 ms
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	Connector, M12, 3-pin
Connection cable	VK ...

**More information / accessories**

<https://www.di-soric.com/204985>