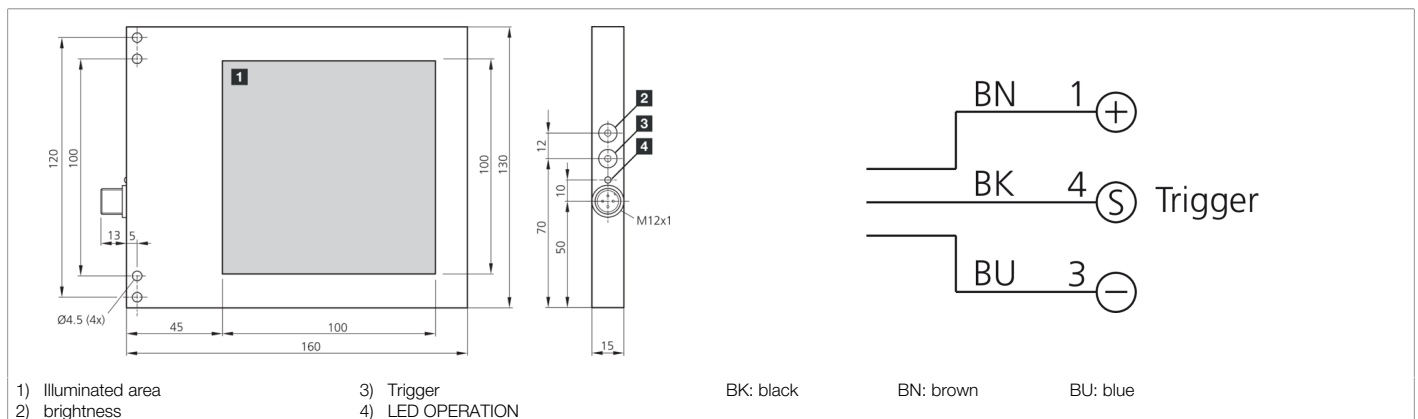




206806
BEK-F100/100-G0TI-IBS
Area light

- Constant level of light intensity over the entire voltage range
- Homogeneous luminous field
- High efficiency
- Light intensity can be adjusted



Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	15 ... 35 V DC (Supply Class 2)
No-load current (max.)	300 mA (24 V DC)
Power	7.2 W (24 V DC)
Inverse polarity protection	Yes

Mechanical features

Illuminated area	100 x 100 mm
Housing dimensions	130 x 160 x 15 mm
Housing length	160 mm
Housing height	130 mm
Housing width	15 mm
Housing material	Aluminum (Black, Anodized)
Material	PC, opal diffuse (Protection optics)

Certifications, approvals

Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL

General features

Design	Area light
Characteristics	Trigger input



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Technical data (typ.)		+20°C, 24 V DC
Output, input, interface		
Trigger input high level		3.3 ... 35.0 V
Trigger input low level		< 2.8 V
Optical data		
Light source		LED
Color		Infrared
Wavelength		850 nm
Deflection angle FWHM		120°
Display, operation		
Control		Integrated power control
Display		LED green - Operating display
Ambient conditions		
Shock/vibration load		30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation		0 ... +40 °C
Protection type		IP 67
Electrical connection		
Connection		Connector, M12, 3-pin
Accessories		
Connection cable		VK ...
More information / accessories		https://www.di-soric.com/206806