

Bar Illumination

SBL Series

Innovative LED lighting
for machine vision



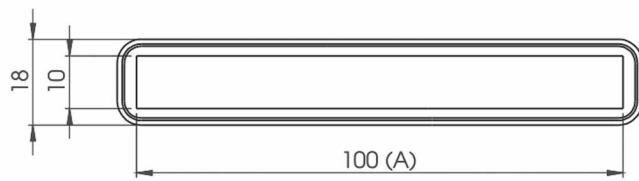
Bar lightings in various colors and linear dimensions

- High light efficiency
- Save operation
- High Quality
- Cost saving

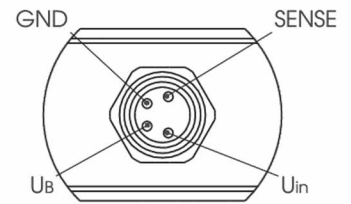
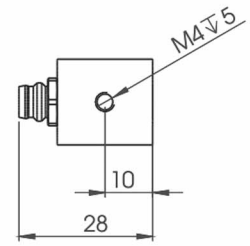
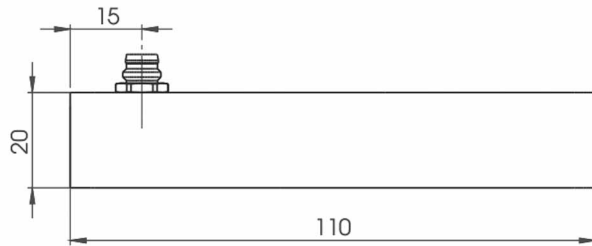
The bar lightings are ideal for the inspection of objects with matt, low reflective surfaces in bright field and for integration into narrow spaces. The new flexible controller concept allows an easy adaptation to different operation modes.

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SBL-0110



Specification

Type of lighting	Direct bar light for bright field or dark field, transparent cover ¹
Peak wave length	Red (RD): ~ 625nm / white (WT): ~460nm and ~560nm
Supply voltage	24 V DC +/- 10%
Connection	M8 male connector with 4 pin
Operation conditions	Temperature -10° to 30°C, humidity 30% to 70%

1) Diffuse cover on request

Model ¹	Light field (A)	Dimension	LED color ¹	Steady power	Price ²
SBL-0110	10x100 mm	18x20x110 mm	white and red	3,6 W	140 €
SBL-0120	10x200 mm	18x20x210 mm	white and red	7,2 W	190 €
SBL-0130	10x300 mm	18x20x310 mm	white and red	10,8 W	240 €
SBL-0140	10x400 mm	18x20x410 mm	white and red	15,0 W	290 €
SBL-0160	10x600 mm	12x40x620 mm	white and red	21,6 W	460 €

1) Other LED colors also available 2) Price plus VAT, packaging and transportation costs

Operation Modes ¹	Mode description	Price ²
(standard)	24V steady light, intergrated current source	+ 0 €
(-x)	External LED control only	- 20 €
(-i)	24V fast flash light, integrated voltage controller / camera connector)	+ 20 € / 40 €
(-jb)	24V overdrive flash light and steady light with dimmer	+ 20 €
Features	Automatic current Rsense detection for (standard) an (-x) models	

1) Some models do not support all operations modes. Please refere to the manual 2) Adaptation to the models base price