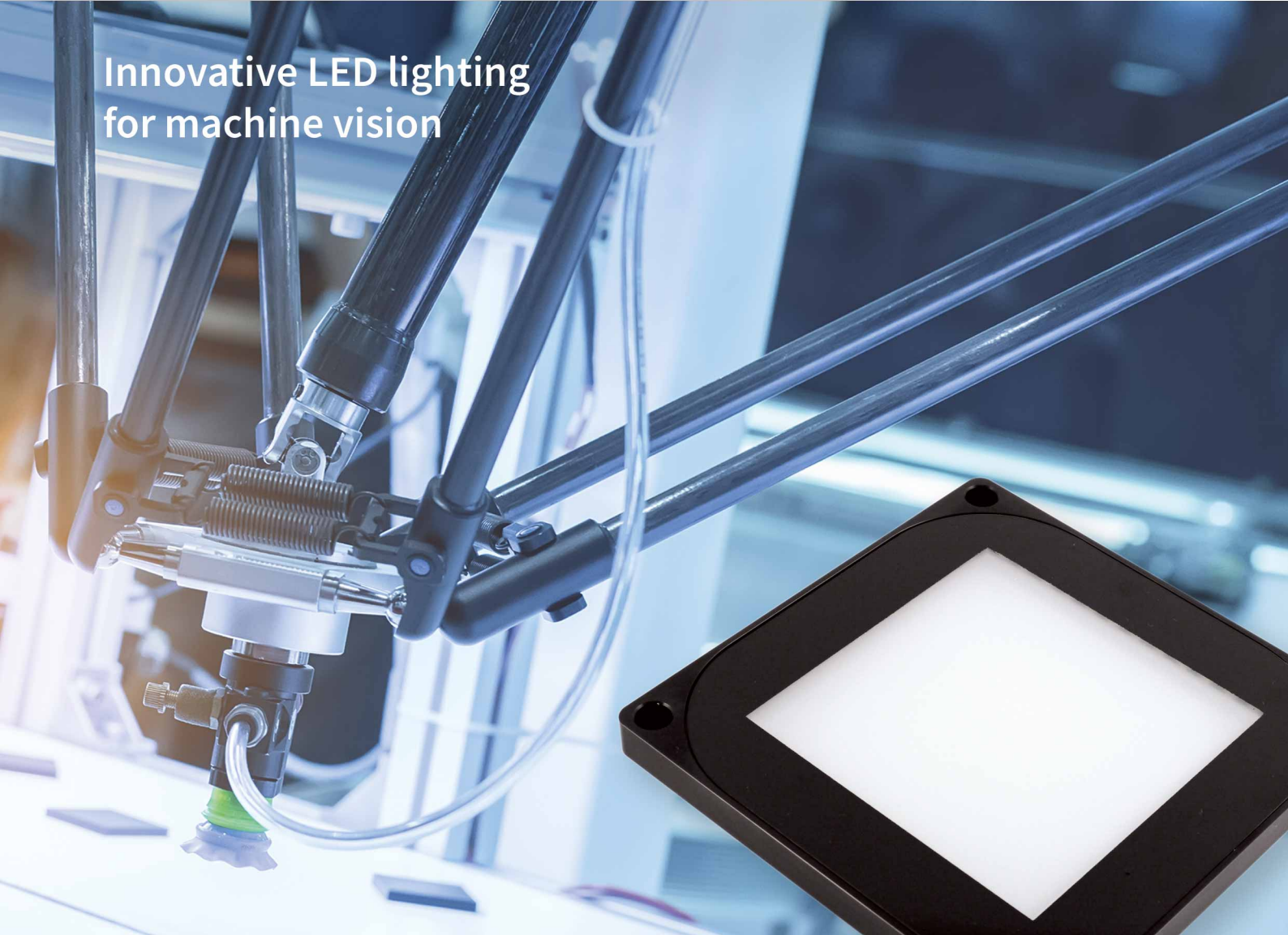


Back Light Illumination

DBL Series

Innovative LED lighting
for machine vision



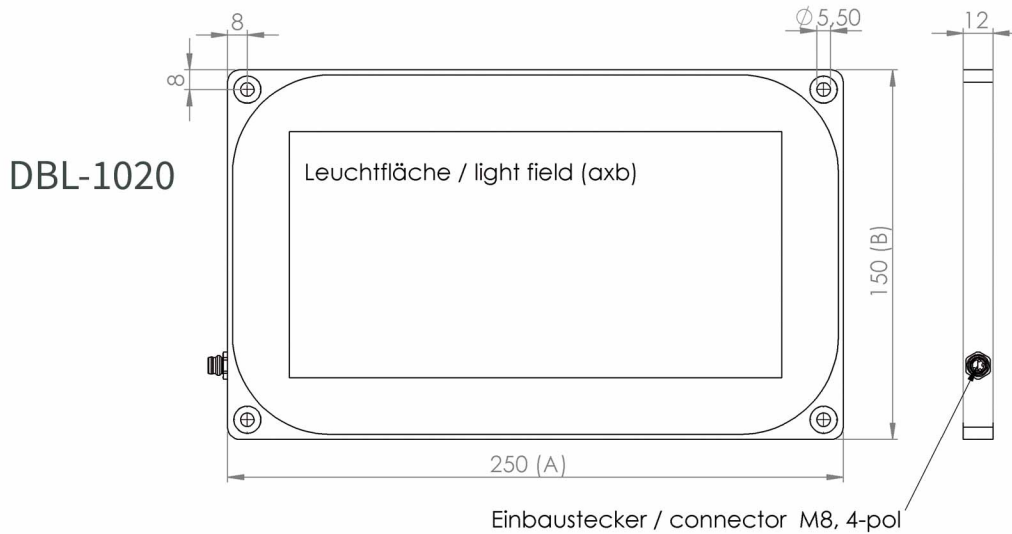
Diffuse back lightings
in various colors and dimensions

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

Diffuse LED back lightings are designed to provide a flat homogeneous light for the inspection of object contours. It can also be used to inspect transparent or semi-transparent objects. The new flexible controller concept allows an easy adaptation to different operation modes.

Back Light Illumination

DBL Series



Specification

Type of lighting	Transmission light with homogeneous light emission
Supply voltage	24 V DC +/- 10%
Connection	M8 (M12) male connector with 4 pin (5 pin)
Operation conditions	Temperature -10° to 30°C, humidity 30% to 70%

Model ¹	Light field	Dimension	LED color ¹	Steady power	Price ²
DBL-0305	30x50 mm	60x65x12mm	white and red	1.2 W	110 €
DBL-0510	50x100 mm	100x150x12 mm	white and red	9.4 W	190 €
DBL-1010	100x100 mm	150x150x12 mm	white and red	14.4 W	240 €
DBL-1020	100x200 mm	150x250x12 mm	white and red	22.0 W	350 €
DBL-2020	200x200 mm	250x250x12 mm	white and red	28.8 W	470 €
DBL-2030	200x300 mm	250x350x12 mm	white and red	36.0 W	640 €
DBL-3030	300x300 mm	350x350x12 mm	white and red	43.0 W	890 €
DBL-0260	20x600 mm	100x630x12 mm	white and red	22.0 W	530 €
DBL-4180	410x800mm	460x900x17 mm	white and red	76.0 W	2490 €

1) Other models and LED colors are 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	+ 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



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