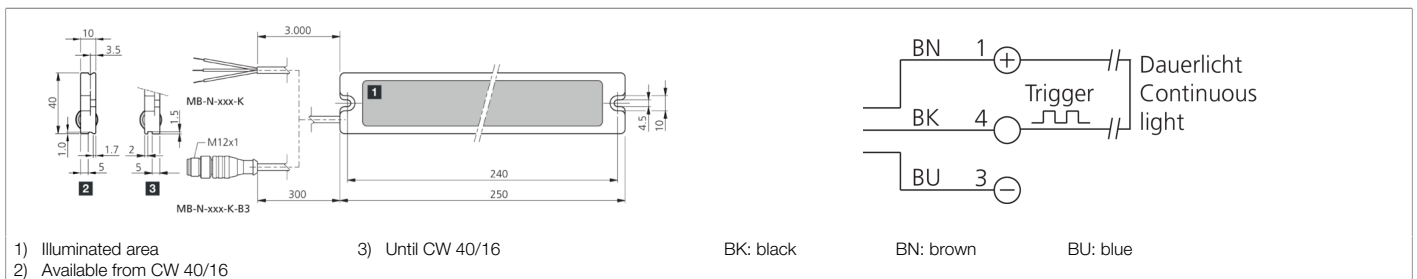




**209857**  
**MB-N-250-K**  
**Machine lighting**

- High light intensity thanks to state-of-the art Power LEDs
- Very good color reproduction guarantees safety at the workplace (color rendering index 85)
- Long life thanks to intelligent thermal management
- High-performance LEDs with very high light intensity ensure reliable and even illumination
- High protection type IP 67
- Trigger input for external control
- Dimmable via PWM signal
- Magnetic holder set available as an option
- Adjustable mounting angle optionally available
- Pluggable diffusion filter optionally available



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	24 V DC (± 5%, Supply Class 2)
Internal power consumption	450 mA (24 V DC)
Power	10.8 W (24 V)
Inverse polarity protection	Yes
Illuminated area	220 x 30 mm
Housing material	Aluminum (Black, Anodized)
Material	PU, crystal clear (Window)
Weight	260 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL
Model	Machine lighting
Product series	MB-N
Trigger input high level	> 8.0 ... 25.2 V
Trigger input low level	< 5.0 V
Light source	LED
Color	White (5 000 K)
Deflection angle FWHM	120°
Luminous flux	1100 lm
Color rendering index Ra	85
Light intensity	<ul style="list-style-type: none"> <li>■ 1.80 kLx (500.0 mm / 100 %)</li> <li>■ 0.530 kLx (1000.0 mm / 100 %)</li> </ul>
On-delay time (Trig.)	0.050 ms
Switch off delay (Trig.)	0.050 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	Cable, 3.0 m, 3-pin (flying leads), 3 x 0.34 mm <sup>2</sup>



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[More information / accessories](#)

<https://www.di-soric.com/209857>