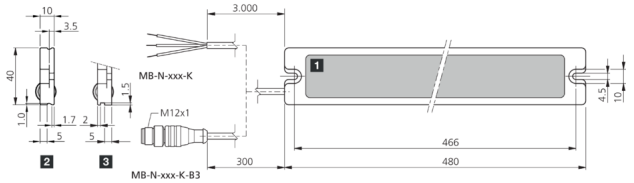
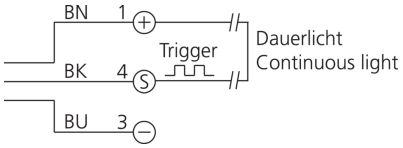
210197
MB-N-481-K-B3
Machine lighting

- High light intensity thanks to state-of-the art Power LEDs
- Very good color reproduction guarantees safety at the work-place (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





1) Illuminated area
2) Available from CW 40/16
3) Until CW 40/16

BK: black BN: brown BU: blue

Function

Technical data (typ.)

Electrical features	
Service voltage	24 V DC (± 5%, Supply Class 2)
Internal power consumption	900 mA (24 V DC)
Power	21.6 W (24 V)
Inverse polarity protection	Yes
Cascadable	Not cascadable
Mechanical features	
Illuminated area	440 x 30 mm
Housing material	Aluminum (natural, Anodized)
Material	PU, crystal clear (Window)
Weight	390 g
Certifications, approvals	
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL
General features	
Model	Machine lighting
Product series	MB-N
Output, input, interface	
Trigger input high level	> 8.0 … 25.2 V
Trigger input low level	< 5.0 V
Optical data	
Light source	LED
Energy efficiency class (VO 2019/2015)	E (A - G)
Color	White (5 000 K)

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Technical data (typ.)	
Deflection angle FWHM	120°
Luminous flux	2200 lm
Color rendering index Ra	85
Light intensity	■ 3.20 kLx (500.0 mm / 100 %) ■ 1.00 kLx (1000.0 mm / 100 %)
Time behavior	
On-delay time (Trig.)	0.050 ms
Switch off delay (Trig.)	0.050 ms
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	Pigtail, 0.3 m, M12, 3-pin
Accessories	
Connection cable	VK …
More information / accessories	**https://www.di-soric.com/210197**

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