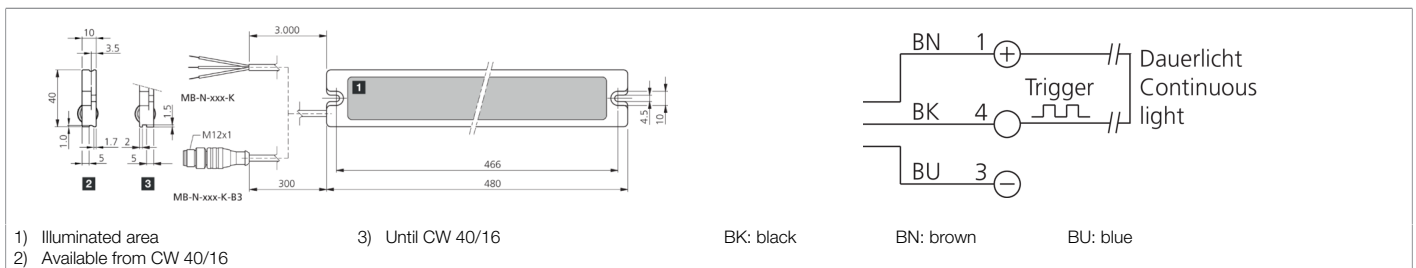




210197
MB-N-481-K-B3
Machine lighting

- High light intensity thanks to state-of-the art Power LEDs
- Very good color reproduction guarantees safety at the 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.) | |
|--|---|
| 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 |
| Illuminated area | 440 x 30 mm |
| Housing material | Aluminum (natural, Anodized) |
| Material | PU, crystal clear (Window) |
| Weight | 390 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 |
| Energy efficiency class (VO 2019/2015) | E (A - G) |
| Color | White (5 000 K) |
| Deflection angle FWHM | 120° |
| Luminous flux | 2200 lm |
| Color rendering index Ra | 85 |
| Light intensity | <ul style="list-style-type: none"> ■ 3.20 kLx (500.0 mm / 100 %) ■ 1.00 kLx (1000.0 mm / 100 %) |
| 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 |



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Technical data (typ.)

| | |
|------------------|----------------------------|
| Protection type | IP 67 |
| Connection | Pigtail, 0.3 m, M12, 3-pin |
| Connection cable | VK ... |

More information / accessories

<https://www.di-soric.com/210197>