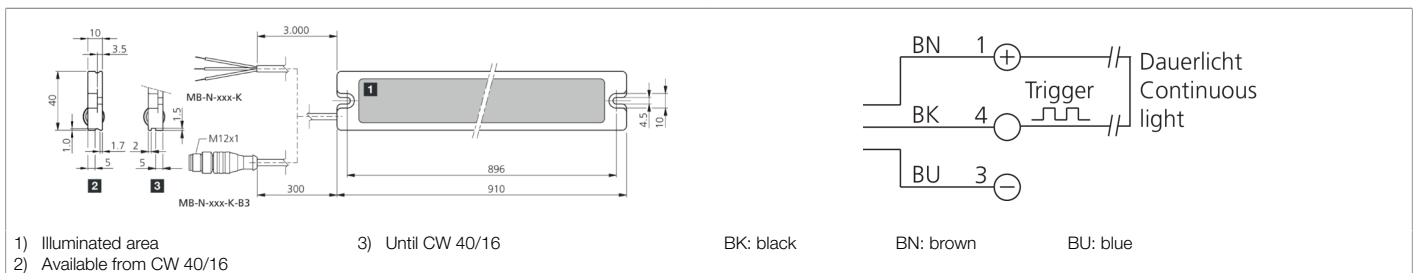




**210203**  
**MB-N-911-K**  
**Machine lighting**

- 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



| Function |  |  |  |  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|--|--|--|
|          |  |  |  |  |  |  |  |  |  |  |

| Technical data (typ.)                  |   |
|--|---|
| Service voltage                        | 24 V DC (± 5%, Supply Class 2)  |
| Internal power consumption             | 1800 mA (24 V DC)   |
| Power                                  | 43.2 W (24 V)   |
| Inverse polarity protection            | Yes   |
| Illuminated area                       | 870 x 30 mm   |
| Housing material                       | Aluminum (natural, Anodized)  |
| Material                               | PU, crystal clear (Window)  |
| Weight                                 | 750 g   |
| Protection class                       | III, operation on protective low voltage  |
| Risk group (DIN EN 62471)              | Free group  |
| 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                          | 4400 lm   |
| Color rendering index Ra               | 85  |
| Light intensity                        | <ul style="list-style-type: none"> <li>■ 4.40 kLx (500.0 mm / 100 %)</li> <li>■ 1.60 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/210203>