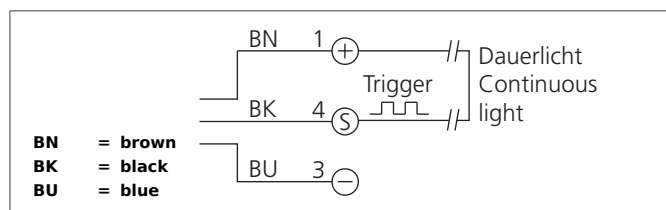
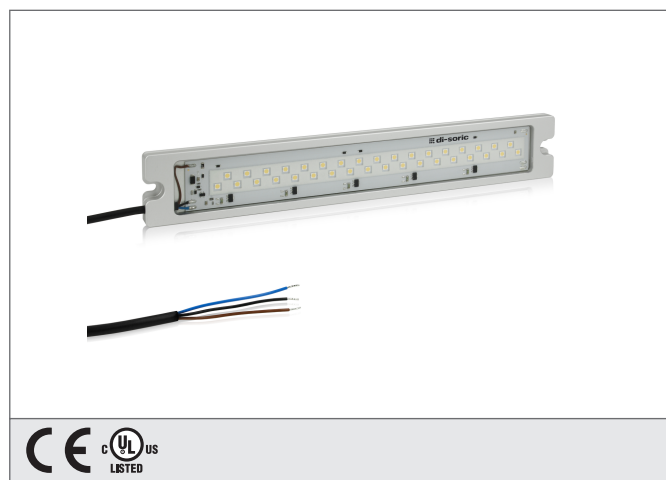


**MB-N-251-K**

## Machine illumination

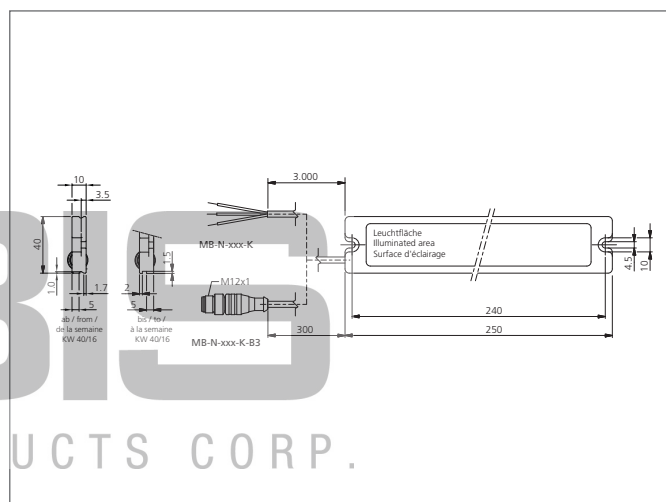
- High light intensity thanks to most modern power LEDs
- High colour rendering guarantees safety at the workplace according to DIN EN 12464-1 / EN 12464-1
- Long-life thanks to intelligent thermal management
- Homogeneous wide light field for the optimal machine illumination
- High protection class IP 67
- Trigger input for external control
- Dimmable via PWM signal
- Magnetic Holder Set available as an option
- Adjustable Mounting Bracket available as an option
- Attachable Diffusion filter available as an option



## Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments

These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.)   | +20°C, 24V DC                                    |
|--------------------------------|--------------------------------------------------|
| Illuminated area               | 30 x 220 mm                                      |
| Light colour                   | White (5000 K), (LED)                            |
| Emission angle FWHM            | 120°                                             |
| Luminous flux                  | 1100 lm                                          |
| Color rendering index CRI      | 85                                               |
| Illumination intensity         | 1.8 klx (0.5 m / 100%)<br>530 Lux (1.0 m / 100%) |
| Service voltage                | 24 V DC ± 5%, (Supply Class 2)                   |
| No-load current                | 450 mA, (24 V DC)                                |
| Trigger input low level        | 0 ... < 5,0 V                                    |
| Trigger input high level       | > 8,0 ... 25,2 V                                 |
| Power                          | 10,8 W (24 V)                                    |
| Inverse polarity protection    | Yes                                              |
| On-delay time (Trig.)          | 0,050 ms                                         |
| Switch off delay (Trig.)       | 0,050 ms                                         |
| Ambient temperature, operation | -20 ... +40 °C                                   |
| Protection class               | IP 67                                            |
| Protection degree              | III, operation on protective low voltage         |
| Risk group (DIN EN 62471)      | Free group                                       |
| Casing material                | Aluminium nature anodized                        |
| Material                       | PU, crystal clear (Window)                       |
| Connection                     | Cable, 3,0 m, flying leads, 3 x 0,34 mm²         |
| Weight                         | 260 g                                            |