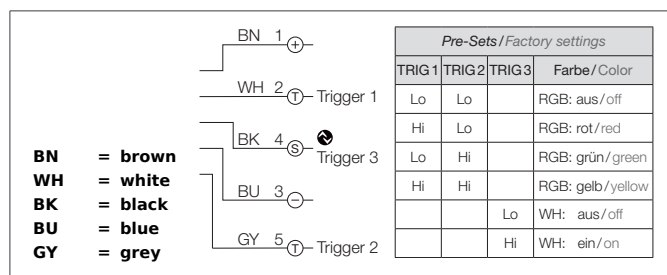
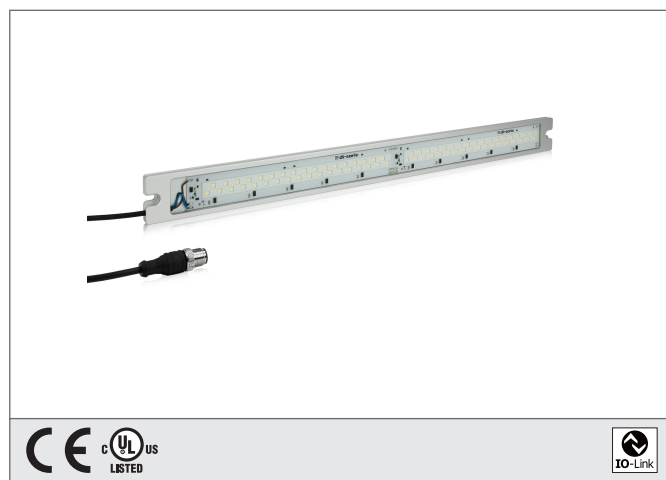


## MB-RGBW-481-K-B5

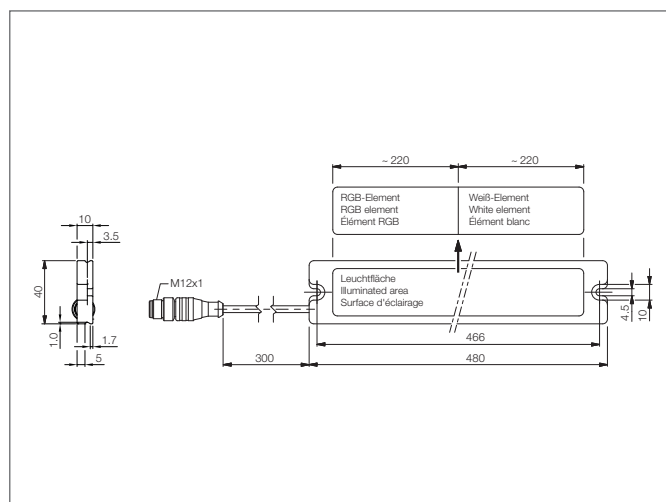
### Machine illumination with signal light element

- High light intensity thanks to most modern power LEDs
- Easy operation even without IO-Link possible
- High colour rendering guarantees safety at the workplace according to DIN EN 12464-1 / EN 12464-1
- Large light field for an optimal display of the machine status
- Per IO-Link free parameterizable functions
- Long-life thanks to intelligent thermal management
- Homogeneous wide light field for the optimal machine illumination
- Can be used immediately by 3 color pre-sets: red - green - yellow
- High protection class IP 67
- 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   |
|--------------------------------|--|---|
| Operating modes                |  | RGB: constant, blink, flash   |
| Illuminated area               |  | 30 x 440 mm   |
| Light colour                   |  | White (5000 K), RGB + custom  |
| Emission angle FWHM            |  | 120°  |
| Luminous flux                  |  | 1100 lm   |
| 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                |  | < 650 mA, (24 V DC)   |
| Trigger input low level        |  | < 5,0 V   |
| Trigger input high level       |  | > 8,0 V   |
| Trigger input                  |  | 3 color pre-sets: selectable by Trigger 1 + 2, white: selectable by Trigger 3 |
| Interface                      |  | V1.1, COM2 (38,4kBd), 2300 µs, for parameterization                           |
| Power                          |  | < 15,6 W (24 V DC)  |
| Inverse polarity protection    |  | Yes   |
| Ambient temperature, operation |  | 0 ... +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, 0,3 m, with connector, M12, 5-poled                                    |

## MB-RGBW-481-K-B5

### Machine illumination with signal light element

| TECHNICAL INFORMATION (typ.)    | +20°C, 24V DC                                  |
|---------------------------------|--|
| Light intensity can be adjusted | RGB, 10 ... 100%, by IO-Link                   |
| Weight                          | 390 g  |
| Connecting cable                | VK ... /5                                      |
| Cable length max.               | 10.0 m, (5 x 0.34 mm <sup>2</sup> / 24.0 V DC) |