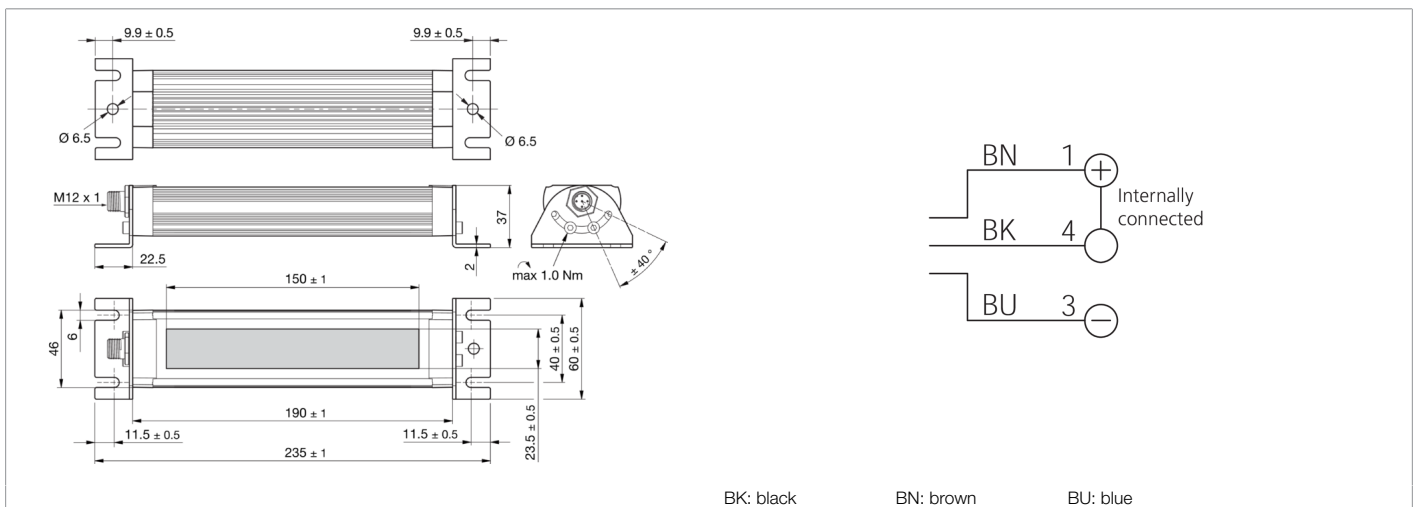




**213802**  
**MB-R-190-B5**  
**Machine lighting, semicircle**

- Extended temperature range -20 .. +50 °C
- 3 mm safety glass with opal-white glare reduction
- M12 plug connector for easy wiring
- Industrial quality due to IP 67
- Homogeneous light distribution
- Pleasant, neutral white light



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	24 V DC (± 10%)
Internal power consumption	160 mA (24 V DC)
Power	3.9 W (24 V)
Inverse polarity protection	Yes
Cascadable	Not cascadable
Illuminated area	150 x 23.5 mm
Housing material	Aluminum (natural, Anodized)
Material	Tempered safety glass, diffuse (Diffusor)
Weight	340 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL
Model	Machine lighting, semicircle
Service life	> 50.000 h (L70/B10)
Product series	MB-R
Energy efficiency class (VO 2019/2015)	F (A - G)
Color	White (5 000 K)
Deflection angle FWHM	102° (typ.)
Luminous flux	365 lm
Light yield	104 lm/W
Color rendering index Ra	> 80

**213802****MB-R-190-B5****Machine lighting, semicircle****Technical data (typ.)****+20°C, 24 V DC**

Light intensity

- 2000 Lux (250.0 mm)
- 500 Lux (500.0 mm)
- 130 Lux (1000.0 mm)
- 50.0 Lux (1500.0 mm)
- 30.0 Lux (2000.0 mm)

Shock/vibration load

30 g, 11 ms / 10 ... 55 Hz, 1.0 mm

Ambient temperature during operation

-20 ... +50 °C

Protection type

IP 67

Connection

Connector, M12, 5-pin (A-coded)

**More information / accessories**<https://www.di-soric.com/213802>