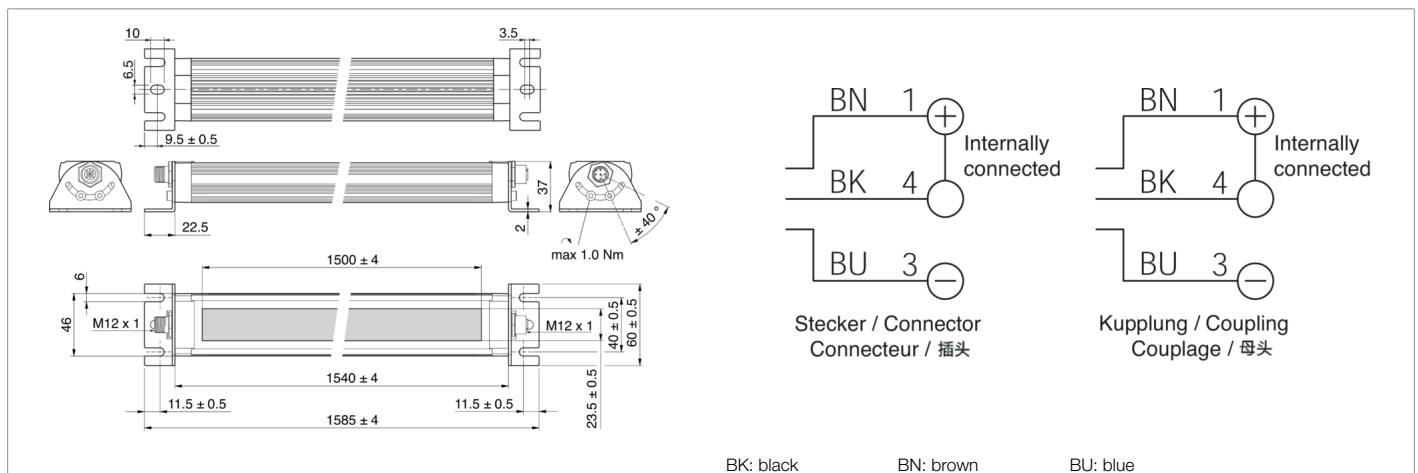




214635 MB-R-1540-B5-K5 Machine lighting, semicircle

- Cascadability
- Easy wiring
- Extended temperature range -20 .. +50 °C
- 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

Electrical features

Service voltage	24 V DC (± 10%)
Internal power consumption	1360 mA (24 V DC)
Power	33.0 W (24 V)
Inverse polarity protection	Yes
Cascadable	Yes, max. 2 (with the same luminaire length)

Mechanical features

Illuminated area	1500 x 23.5 mm
Housing material	Aluminum (natural, Anodized)
Material	Tempered safety glass, diffuse (Diffusor)
Weight	2110 g

Certifications, approvals

Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL

General features

Model	Machine lighting, semicircle
Service life	> 50.000 h (L70/B10)
Product series	MB-R



214635

MB-R-1540-B5-K5

Machine lighting, semicircle

Technical data (typ.)

+20°C, 24 V DC

Optical data

Light source	LED
Energy efficiency class (VO 2019/2015)	F (A - G)
Color	White (5 000 K)
Deflection angle FWHM	102° (typ.)
Luminous flux	3260 lm
Light yield (VO 2019/2015)	109 lm/W
Color rendering index Ra	> 80
Light intensity	■ 3600 Lux (250.0 mm) ■ 1700 Lux (500.0 mm) ■ 700 Lux (1000.0 mm) ■ 350 Lux (1500.0 mm) ■ 200 Lux (2000.0 mm)

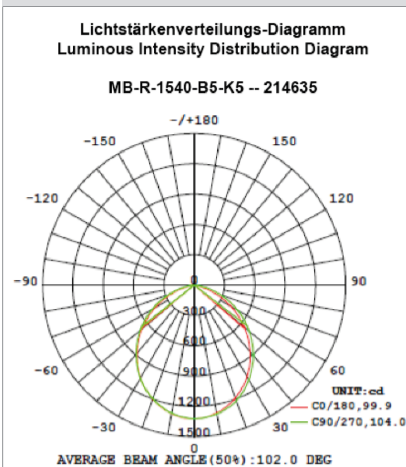
Ambient conditions

Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	-20 ... +50 °C
Protection type	IP 67

Electrical connection

Connection	Connector, M12, 5-pin (A-coded)
Connection 2	Coupling, M12, 5-pin (A-coded)

Luminous intensity distribution diagram



More information / accessories

<https://www.di-soric.com/214635>