

Technical Data Sheet **Line Laser**

Product Description / Application: The line laser is suitable for abrasion-proof marking of industrial floors in warehouses, production halls or other buildings. The bright, safe lasers project a clearly visible marking line onto the floor, reliably and permanently marking walkways, driveways or storage positions.

- Abrasion-proof marking of floor lines
- Long service life and operating time
- Eye-safe operation of the laser units
- Variable line lengths depending on the optics module

Ideally suited for:

- 5S projects
- Markings in demanding environments

Technical Data:

Feature	Value
Laser power:	750, 800, 1000 mW
Laser colour:	Green, red, light blue
Line angle:	60°, 90° 110°
Line width:	approx. 1-6 cm
Laser class:	1/2
AC power supply:	230 VAC via plug-in power supply
DC power supply:	from 12 VDC to 25 VDC
Power consumption:	< 8 W in continuous operation
Cable length:	1 + 1 m, extendable up to 12 m
IP rating:	IP 44
Laser module dimensions:	approx. 18 x 100 mm
Bracket dimensions approx.	150 x 120 x 65 mm
Weight with bracket	approx. 600 g
Service life:	typ. > 25000-40000 h
Temperature range:	approx. -15 °C to +45 °C, optionally down to -30 °C

Laser safety

Depending on installation and set-up, the OX-Laser is classified as laser class 1 or 2 and is therefore safe for eyes and skin. Up to and including class 2, no laser safety officer is required. The classification always applies to the entire laser installation or the hall – not to the individual device. Therefore, take the specific on-site installation situation into account in your planning.

! Montage-Regel

EMPFOHLENE ÜBERKOPFMONTAGE

ab ca. 4 m

je nach Modell und Leistung

Bei korrekter Montage gilt die Lasereinrichtung als augensicher und erreicht Laserklasse 1 oder 2.

✓ Höhe vor Betrieb prüfen

Sicherheitszone
Beispiel: 750 mW · 90°

Decke / Lasermontage

Mindestmontagehöhe 3.320 mm

ABSTAND ÜBER KOPF **1.320 mm**

angenommene Körpergröße: 2.000 mm

Boden

Abstand über dem Kopf
Richtwerte nach Winkel und Leistung

WINKEL	750 mW Abstand (mm)	800 mW Abstand (mm)
60°	1830	1950
90°	1320	1400
110°	740	785

Angaben aus der technischen Vorlage.

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