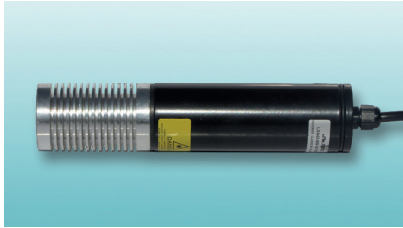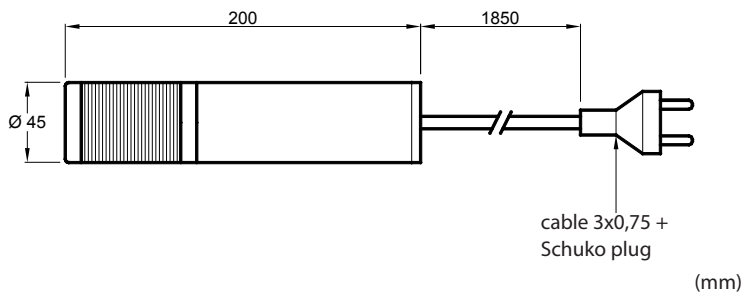# LASER POINTER LSA45 SERIE - GREEN LIGHT - ø45
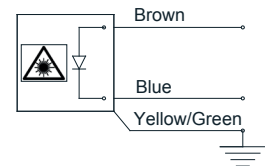
Laser pointer made of a hight quality red laser diode, available with 520 nm wavelength and several powers. This laser pointer can generate a point, a line or a cross. Thanks to the hermetic housing and the protection glass, it is suitable for harsh applications or ambient with water, as in the marble sector.
The brightness of the green light allows to see the line on dark surfaces.
The special lens generates a long and uniform line.

Cable connection

200   1850

Ø 45

cable 3x0,75 +
Schuko plug

(mm)

Brown

Blue

Yellow/Green

The yellow/green cable must be connected to the machine ground

The brightness varies depending on the ambient light and on the colour of the object on which the laser beam is projected.

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Type	LSA45-520-20-T10-60-CV2	LSA45-520-20-T10-90-CV2	LSA45-520-30-T10-90-CV2	LSA45-520-50-T10-90-CV2
Art. no.	SM319002	SM319003	SM319004	SM319005
Mounted lens	line with lens 60° Glass Powell Lens	line with lens 90° Glass Powell Lens	line with lens 90° Glass Powell Lens	line with lens 90° Glass Powell Lens
Line length at 1 m distance	1.200 mm	2.000 mm	2.000 mm	2.000 mm
Max. line lenght	4.000-5.000 mm	5.000-6.000 mm	6.000-8.000 mm	8.000-10.000 mm
Linearity error	1 mm every 2.000 mm			
Power supply	120...275 Vdc/85...264Vac			
Power	20mW	20mW	30mW	50mW
Wavelength	520 nm			
Life time	≥ 10.000 h			
Permitted temperature	-10°...+50°C			
Focus adjustment (fixed 1m)	no			
Current consumption	< 300 mA			
Housing material	aluminum			
Cable connection	1.850 mm - 3x0,75 - Schuko plug			
Degree of protection	IP67			
Safety protection class	2M	2M	2M	3R

For the classification of the laser systems: only in perfect conditions and supplied with DC power supply, the system can be specified in the safety class, according to the new regulations in force since 12/15.
READ THE INSTRUCTIONS CAREFULLY BEFORE ASSEMBLING

Laser according to the standard EN 60825-1: 2015-12

THE YELLOW/GREEN CABLE MUST BE CONNECTED TO THE MACHINE GROUND