



Line laser, green, 520 nm, 90°, 5 mW

LFL520-5-3(19x86)90
Order Number: 70136081

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	530	nm
Optical Diode Power	2.5	5	6	mW
Operating Voltage	3	3	3.7	V DC
Operating Current	50	100	300	mA
Operating Temperature	-20		50	°C
Storage Temperature	-20		60	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.2mm@1m
Operating Distance	1 m
Optics	acryl lense
Laser technology	Single Mode Diode
Axial Divergence	± 3°
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A Lithium Battery, 3V 1400mAh

Battery count	1
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Mechanical Parameters

Size	Ø19x86 mm
Material	aluminium
Output Aperture	6 mm
Weight	25 g

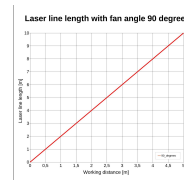
(*) Over the complete operating temperature range

Features



- Laser Class 1
- With battery
- Compact size
- Uniform line thickness
- Low cost

Picture



Safety Label



Valid Revision

| 18-SEP-2024