

## Line laser, green, 520 nm, 60 °, 4 mW

LI520-4-3(12x47)  
Order Number: 70124651

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	2	4	7.5	mW
Operating Voltage	2.8	3	3.3	V DC
Operating Current	150	200	350	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	1 - 1.5 mrad
Fan Angle	60 °
Line Thickness	<4mm@2m
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size	Ø12x47 mm
Material	aluminium
Cable length	150 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	4.5 mm
Housing Color	brass
Weight	9 g
PCB	no
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

## Features



- Low Power consumption
- Direct green 520nm

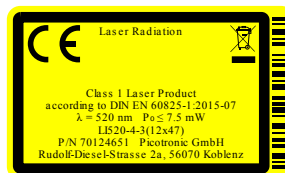
## Picture



## Cable color

Ground		white	GND
positive		red	2.8 - 3.3, typ 3 V DC

## Safety Label



## Valid Revision

| 23-FEB-2021