

## Line laser, green, 532nm, 90°, 5mW

LFL532-5-3(12x60)-F1300

Order Number: 70108927

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	160	350	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5mrad
Fan Angle	90°
Line Thickness	<1mm@1.3m
Operating Distance	1.3m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 10% @ 15-30°C
Focus	fixed (1300mm)
Warm up time	<15min

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

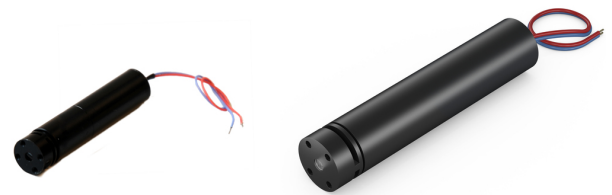
Size	Ø12x60mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	27g
Stripping of wire	5mm

(\*) Over the complete operating temperature range



### Features

- Operating Voltage 3V DC
- Laser Class 1
- Uniform illumination
- Fixed focus
- Fan angle 90°

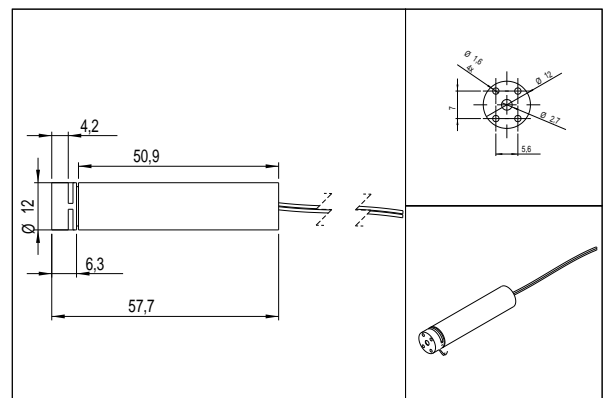
### Picture



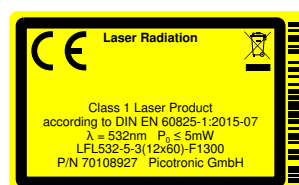
### Cable Colors

Ground		blue	GND
Positive		red	2.7 - 3.3, typ 3V DC

### Drawing



### Safety Label



### Revision

REV 3 | 14-JAN-2016

Laserfuchs is a registered trademark of the Picotronic GmbH

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