

## Line Laser, red, 650 nm, 50°, 5 mW

LFL650-5(12x45)90-NT  
Order Number: 70105711

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		5		mW
Operating Voltage		5		V DC
Operating Current		30		mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>3000 h
RoHS	yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	G - 0.8 mrad
Fan Angle	90°
Line Thickness	<1.2mm@1m
Operating Distance	1 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-5

### Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	1360 mm
Output Aperture	6 mm
Weight	82 g

(\*) Over the complete operating temperature range

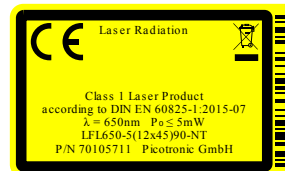
### Features

- Laser Class 1
- With 230V power supply
- Low cost
- Compact size
- Fixed focus

### Picture



### safety label



### Valid Revision

REV 9 | 10-OCT-2019

### Laserfuchs is a registered trademark of the Picotronic GmbH

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