

## Line laser, red, 635 nm, 90°, 5 mW

LFL635-5(12x45)90-NT  
Order Number: 70108538

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	V DC
Operating Current	25	35	45	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >3,000 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	2 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.1 mm DC socket (GND inner)

### Power Supply

Power Supply, Output: 5V DC,  
Input: 100-240V AC, 50-60Hz,  
Output Power: 3W max,  
Connector 2,1x5,5x9,5mm  
center negative

### Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	1,360 mm
Output Aperture	6 mm
Weight	100 g

(\*) Over the complete operating temperature range

### Picture



### Safety Label



### Valid Revision

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