

Line laser, red, 635 nm, 60°, 5 mW

LFL635-5(12x45)60-NT
Order Number: 70108521

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	V DC
Operating Current		40		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	60°
Line Thickness	<1.2mm@1m
Operating Distance	1 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

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

Power Supply

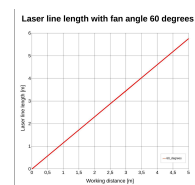
Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

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

(*) Over the complete operating temperature range

Picture



Safety Label



Valid Revision

5 | 27-APR-2023