

Line laser, red, 635 nm, 50°, 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

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	2 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.1 mm DC plug (GND pole inner)
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	1360 mm
Output Aperture	6 mm
Weight	100 g

(*) Over the complete operating temperature range

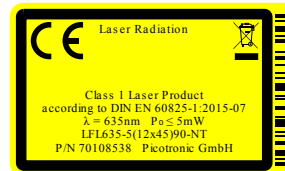
Features

- Good visibility: 635nm
- Compact size
- With power supply

Picture



safety label



Valid Revision

REV 4 | 05-JAN-2018

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