

Line laser, red, 650 nm, 90°, 5 mW

LFL650-5(12x45)90-F250-NT
Order Number: 70106312

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		5		mW
Operating Voltage		5		V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >3,000h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1mm@0.25m
Optics	acryl lense
Laser technology	diode
Focus	fixed (250mm)

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	1,400 mm
Output Aperture	6 mm
Weight	82 g

(*) Over the complete operating temperature range

Features

- Laser Class 1
- Fixed focus 250mm
- Small laser head
- With 230V power supply

Picture



Safety Label



Valid Revision

0 | 11-MAR-2022