

Line laser, red, 650 nm, 50°, 16 mW

LFL650-16-3(16x90)-NT
Order Number: 70109726

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current		70		mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø16x90 mm
Material	aluminium
Cable length	1400 mm
Weight	46 g

(*) Over the complete operating temperature range

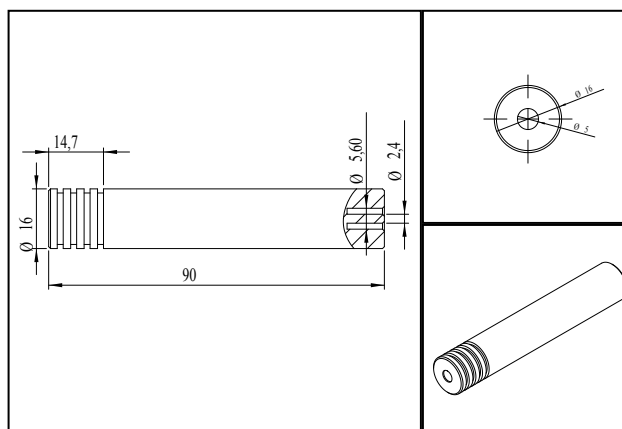
Features

- Laser Class 2
- High Power
- Image processing
- Low power consumption

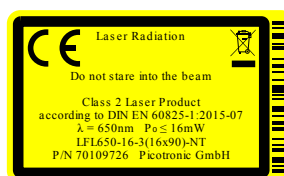
Picture



Drawing



safety label



Valid Revision

REV 16 | 14-MAR-2018

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