

## Dot laser, red, 650 nm, 1 mW

LFD650-1(12x45)-NT  
Order Number: 70106954

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		1		mW
Operating Voltage		3		V DC
Operating Current		30		mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty	1 years
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### Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	H - 1.0 mrad
Size of Laserdot	3..5mm@5m
Operating Distance	10 m
Optics	acryl lense
Laser technology	diode
Focus	collimated

### Electrical Parameters

Potential of Housing	VDD(+)
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### Mechanical Parameters

Size	Ø12x45 mm
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Material	aluminium
Cable length	1,360 mm
Output Aperture	6 mm
Weight	82 g

(\*) Over the complete operating temperature range

### Features

- With 230V power supply
- Compact size
- Laser Class 2
- Low cost
- Small laser head

### Picture



### Safety Label



### Valid Revision

0 | 09-MAY-2022