

## Line laser, red, 650 nm, 90 °, 5 mW

LB650-5-5(16x63)  
Order Number: 70133158

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)
Camber	Less then 1mm

### Electrical Parameters

Potential of Housing isolated  
Power Supply LFNT-5

### Mechanical Parameters

Size	Ø16x63 mm
Material	aluminium
Cable length	100 mm
Output Aperture	6 mm
Weight	25 g

(\*) Over the complete operating temperature range

## Features



- Laser Class 1
- Operating Voltage 5 V DC
- Uniform line thickness
- Fixed focus
- Glas lenses anti reflex coated

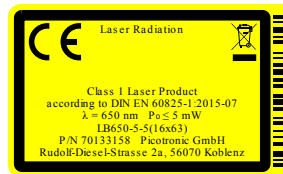
## Picture



## Cable color

Ground		blue	GND
positive		red	4.5 - 5.5, typ 5 V DC

## Safety Label



## Valid Revision

| 10-DEC-2019