

## Line laser, red, 650nm, 90°, 1mW

LI650-1-3(8x26)

Order Number: 70107128

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	26	40	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	1 - 1.5mrad
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø8x26mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	3g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Fan angle 90°
- Operating Voltage 3V DC
- Laser Class 1
- Uniform line thickness
- Fixed focus

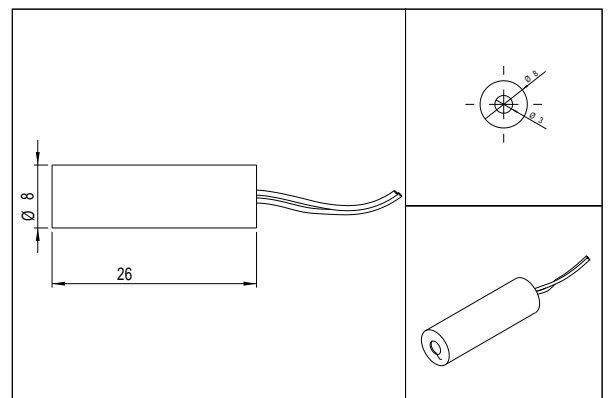
### Picture



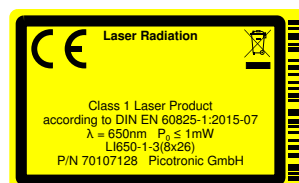
### Cable Colors

Ground		green	GND
Positive		red	2.7 - 3.3, typ 3V DC

### Drawing



### Safety Label



### Revision

REV 0 | 01-OCT-2012