

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

LC650-5-3-F(14x45)  
Order Number: 70104615

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>5000 h
RoHS	yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	C - 0.4 mrad
Fan Angle	90 °
Line Thickness	adjustable
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	6 mm
Housing Color	black
Weight	15 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

## Features



- Laser Class 1
- Image processing
- Adjustable focus
- Compact size
- Uniform line thickness

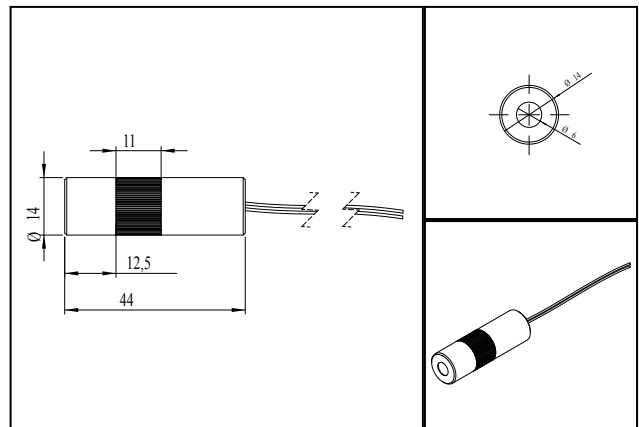
## Picture



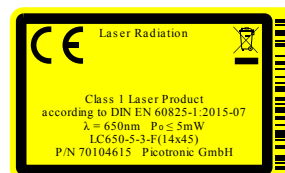
## Cable color

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

## Drawing



## safety label



## Valid Revision

REV 15 | 14-JAN-2016