

Line laser, red, 635nm, 90°, 1mW

LC635-1-3(6x30)-F150

Order Number: 70107159

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	32	50	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	C - 0.4mrad
Fan Angle	90°
Line Thickness	<0.1mm@0.15m
Operating Distance	0.15m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (150mm)

Electrical Parameters

Power Supply	LFNT-3
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Mechanical Parameters

Size	Ø6x30mm
Material	Brass
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3.5mm
Housing Color	black
Weight	4.5g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 1
- Uniform illumination
- Compact size
- Fan angle 90°

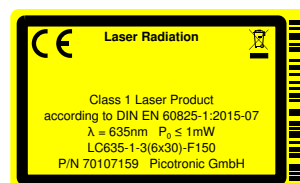
Picture



Cable Colors

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

Safety Label



Revision

REV 3 | 11-JAN-2012