



Line laser, red, 635 nm, 4°, 5 mW

LFL635-5-3(9x25)4DEG
Order Number: 70110036

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
----------	---------

Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	4°
Line Thickness	<2mm@2m
Operating Distance	5m
Optics	acryl lense
Laser technology	diode
Focus	fixed (2000mm)

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø9x25 mm
------	----------

Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5 mm
Weight	4.5 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Small package
- Protection lens
- Low cost
- Small fan angle

Picture



Cable color

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

Safety Label



Valid Revision

24 | 14-JAN-2022