

Line laser, red, 635 nm, 90°, 15 mW

LI635-15-3(14x50)20-F100-ISV
Order Number: 70121483

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		15	20	mW
Operating Voltage		3		V DC
Operating Current	50	100	150	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<2mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
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	Ø14x50 mm
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Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5.5 mm
Housing Color	black
Weight	18 g

(*) Over the complete operating temperature range

Features



- Laser Class 3R
- Low power consumption
- Uniform line thickness
- Image processing

Picture



Cable color

Ground		black	GND
Positive		red	3 V DC

Safety Label



Valid Revision

| 07-FEB-2019