

Line laser, red, 650 nm, 90 °, 16 mW

LCI650-16-24-F(14x62)-C1500
Order Number: 70115116

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	5	13	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 2
Divergence C - 0.4 mrad
Fan Angle 90 °
Line Thickness adjustable
Operating Distance 5 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated
Stripping of cable cover 50 mm

Mechanical Parameters

Size Ø14x62 mm
Material aluminium
Cable length 1,500 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	4 mm
Weight	16.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Image processing
- Adjustable focus
- Laser Class 2
- Compact size
- Uniform line thickness

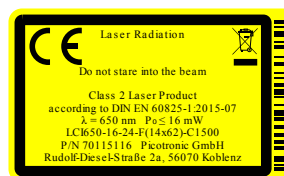
Picture



Cable color

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

1 | 26-APR-2023

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