

Line laser, red, 635 nm, 90 °, 1 mW

LD635-1-24(12x45)-C3500
Order Number: 70126068

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	3	6	15	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	D - 0.5 mrad
Fan Angle	90 °
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	3500 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	4.5 mm
Housing Color	black
Weight	17 g
Stripping of wire	5 mm
Stripping of cable cover	50 mm

(*) Over the complete operating temperature range

Features


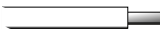


- Operating Voltage 24 V DC
- Laser Class 1
- Fan angle 90 °
- Compact size
- Uniform line thickness

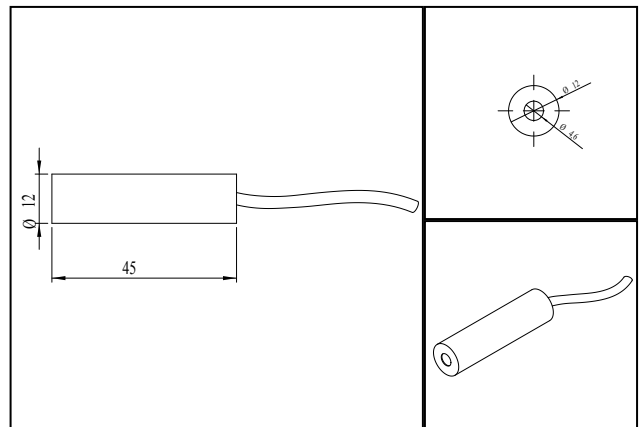
Picture



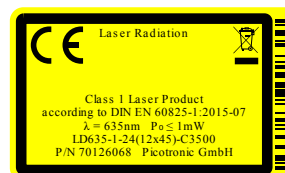
Cable color

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

Drawing



safety label



Valid Revision

| 02-MAY-2016