

## Line laser, red, 650 nm, 45°, 24 mW

LH650-24-3(14x45)45-PL-C1500  
Order Number: 70106060

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		24		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	60	80	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 2M  
Divergence H - 1.0 mrad  
Fan Angle 45°  
Line Thickness <1.5mm@3m  
Operating Distance 10 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Protection Lens yes  
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.

Stripping of cable cover 50 mm

### Mechanical Parameters

Size Ø14x45 mm  
Material aluminium  
Cable length 1,500 mm  
Wire type 22AWG, black, 3,6mm  
Output Aperture 5.5 mm  
Weight 52 g  
Protection Class IP 54  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 3V DC
- Laser Class 2M
- Uniform line thickness
- Glas lenses anti reflex coated
- Fan angle 45°

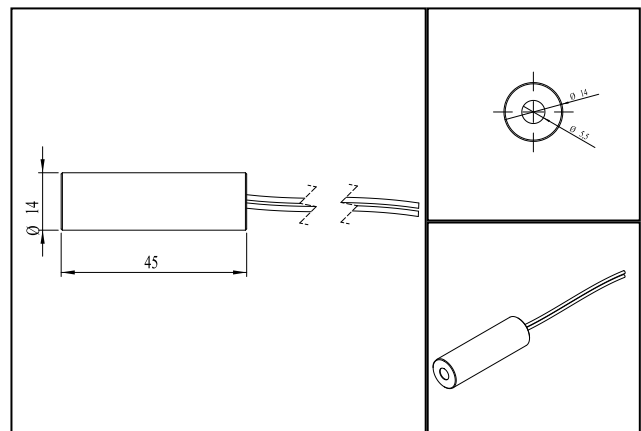
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

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