

## Line laser, red, 660 nm, 60 °, 20 mW

LB660-20-3(12x44)-PWL  
Order Number: 70129328

Main Parameters (*)	min	typ	max	Unit
Wavelength	653	660	667	nm
Optical Output Power	15	20	25	mW
Operating Voltage	3	3	5	V DC
Operating Current	50	100	150	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	2M
Fan Angle	60 °
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	< 5 %
Stability	<10%@-10°C + 60°C
Axial Divergence	± 1 °
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing isolated  
Stripping of cable cover 10 mm

### Mechanical Parameters

Size	Ø12x44 mm
Material	aluminium
Cable length	105 mm
Wire type	26AWG, UL, isolated
Output Aperture	4.2 mm
Housing Color	black
Weight	15 g
Protection Class	IP 64
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

## Features



- Powell Lens
- Uniform Line
- High Quality
- Imagine Processing

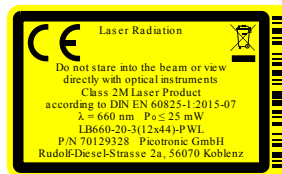
## Picture



## Cable color

Ground  black GND  
positive  red 3 - 5, typ 3 V DC

## Safety Label



## Valid Revision

| 23-FEB-2021