

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
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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

| 09-MAY-2022