

Line laser, red, 660 nm, 75°, 45 mW

LE660-45-5(20x80)75DEG-PWL-M12
Order Number: 70148794

Main Parameters (*)	min	typ	max	Unit
Wavelength	655	660	665	nm
Optical Output Power	40	45	50	mW
Operating Voltage		5		V DC
Operating Current	100	150	200	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 8,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3B
Divergence	E - 0.6 mrad
Fan Angle	75°
Line Thickness	<1.5mm@0.825m
Operating Distance	0.825 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Axial Divergence	± 0.2°
Focus	fixed (825mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Output Aperture	5.5 mm
Housing Color	black
Weight	52 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Isolated housing
- Laser Class 3B
- Small laser head
- Protection lens

Picture



Safety Label



Valid Revision

| 20-JUN-2024