



Dot laser, red, 650 nm, 1 mW

LFD650-1-3(4x20)-ADJ
Order Number: 70135879

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Diode Power		1		mW
Operating Voltage	2.6	3	3.3	V DC
Operating Current	35	50	70	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	H - 1.0 mrad
Size of Laserdot	3..4@4m
Operating Distance	10 m
Optics	acryl linse
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø4x20 mm
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Material	Brass
Cable length	80 mm
Output Aperture	2.5 mm
Weight	1 g

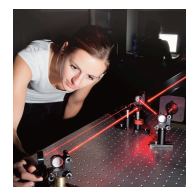
(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 2
- Compact size
- Fixed focus
- Low cost

Picture



Cable color

Ground		black	GND
Positive		red	2.6 - 3.3, typ 3 V DC

Safety Label



Valid Revision

| 12-MAY-2022