

Line laser, red, 660 nm, 60°, 5 mW

MLH660-5-10(10x50)60-PWL-F390-PT
Order Number: 70141986

Main Parameters (*)	min	typ	max	Unit
Wavelength	655	660	665	nm
Optical Output Power	1	5	5	mW
Operating Voltage	9.5	10	10.5	V DC
Operating Current	30	50	80	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 2M
Divergence H - 1.0 mrad
Fan Angle 60°
Line Thickness <0.25mm@390mm
Operating Distance 0.39 m
Optics Powell Lens
Laser technology Single Mode Diode
Opt. Power Stability at const. Temp. <5 %
Axial Divergence ± 1°
Focus fixed (390mm)

Electrical Parameters

Potential of Housing isolated
ESD Protection yes
Max. Mod. Frequency 50 kHz
Cable color power control Yellow

Mechanical Parameters

Size Ø10x50 mm
Material aluminium

Cable length	100 mm
Wire type	26AWG, UL, isolated
Output Aperture	4 mm
Housing Color	black
Weight	20 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features






- Powell Lens
- Uniform line distribution
- Image processing

Picture



Cable color

Ground		black	GND
Positive		red	9.5 - 10.5, typ 10 V DC
Modulation		green	50 kHz

Safety Label



Valid Revision

| 09-MAY-2022