

Line laser, green, 520 nm, 30 °, 30 mW

LE520-30-24-F(15x60)30-ADJ-PWL
Order Number: 70141252

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	530	nm
Optical Output Power		30		mW
Operating Voltage	23	24	25	V DC
Operating Current	120	140	150	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >6000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	E - 0.6 mrad
Fan Angle	30 °
Line Thickness	adjustable
Operating Distance	10 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	<5 %
Axial Divergence	±1 °
Focus	adjustable

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size	Ø15x60 mm
Material	aluminium
Cable length	130 mm
Wire type	24AWG, black, 3mm
Output Aperture	5 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

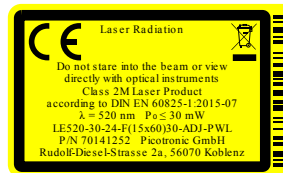
Picture



Cable color

Ground		white	GND
positive		red	23 - 25, typ 24 V DC

Safety Label



Valid Revision

| 11-FEB-2021