

Line laser, blue, 450 nm, 30°, 10 mW

LB450-10-24(15x60)30-ADJ
Order Number: 70139426

Main Parameters (*)	min	typ	max	Unit
Wavelength	445	450	455	nm
Optical Output Power	8	10	15	mW
Operating Voltage	22.4	24	25.4	V DC
Operating Current	15	30	50	mA
Operating Temperature	-10		80	°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	B - 0.3 mrad
Fan Angle	30°
Line Thickness	adjustable
Operating Distance	13 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	< 5%
Stability	< 10% @ -10°C + 60°C
Axial Divergence	± 1°
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	10 mm

Mechanical Parameters

Size	Ø15x60 mm
Material	aluminium

Cable length	130 mm
Wire type	26AWG, UL, isolated
Output Aperture	4.2 mm
Housing Color	black
Weight	15 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features

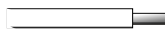



- High Quality
- Imagine Processing

Picture



Cable color

Ground		white	GND
Positive		red	22.4 - 25.4, typ 24 V DC

Safety Label



Valid Revision

| 02-OCT-2020