

## Line laser, blue, 405 nm, 30 °, 30 mW

LB405-30-24(15x60)30-ADJ-PWL  
Order Number: 70132250

Main Parameters (*)	min	typ	max	Unit
Wavelength	400	405	410	nm
Optical Output Power	20	30	32	mW
Operating Voltage	22.4	24	25.4	V DC
Operating Current	13	25	150	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	Powell Lens
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





- Powell Lens
- Uniform Line
- High Quality
- Imagine Processing

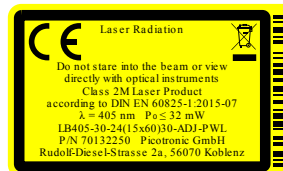
## Picture



## Cable color

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

## Safety Label



## Valid Revision

| 23-FEB-2021