

Line laser, blue, 405 nm, 30 °, 30 mW

LE405-30-24-F(15x60)30-ADJ-PWL
Order Number: 70129861

Main Parameters (*)	min	typ	max	Unit
Wavelength	400	405	410	nm
Optical Output Power		30		mW
Operating Voltage	23	24	25	V DC
Operating Current	19	140	150	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 6,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	3B
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	26AWG, UL, isolated
Output Aperture	4.2 mm
Housing Color	black
Weight	20 g
Stripping of wire	5 mm

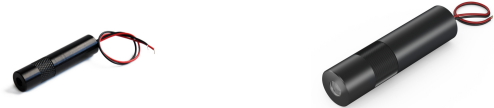
(*) Over the complete operating temperature range

Features



- Powell Lens
- Uniform line distribution
- Image processing

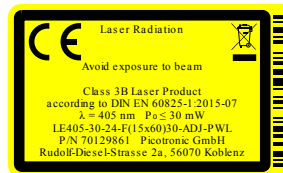
Picture



Cable color

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

Safety Label



Valid Revision

| 16-DEC-2019