

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
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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
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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

| 26-SEP-2022