

Focus adjustable gaussian line laser



Characteristics:

- Line 1:1 (~70° fan angle)
- Line 1:2 (~35° fan angle)
- Gaussian line power distribution
- Industrial design
- Focusable
- Standardized base module

Short description

Our well proven and reliable LDA Standard Modules are the base of the focus adjustable Gaussian profile line lasers.

The laser module projects a light red and highly visible line ideal for positioning and industrial vision applications. The output power can be adjusted by a potentiometer (See table for the adjustment range). The focus can be adjusted with a separate key. The solid and slim housing makes this module ideally suited for industrial use.

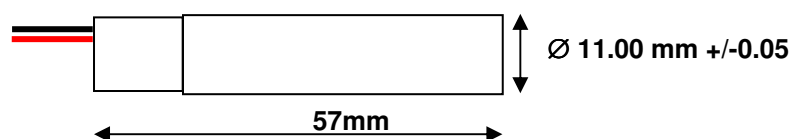
Technical data

Product Number	Wave-length [nm]	Optic adjustable Focusable by user	Power adjustable Potentiometer on back	Beam shape	Output power [mW]	Laser class	Polarity on housing
0019-72-92-01	635	✓	✓	Line 1:1	1 to 2,5mW	2-3R	-
0019-71-92-01	635	✓	✓	Line 1:1	1 to 6mW	2-3R-3B	+
0019-70-92-01	635	✓	✓	Line 1:1	1 to 20mW	2-3R-3B	+
0019-77-92-01	635	✓	✓	Line 1:2	1 to 2,5mW	2-3R	-
0019-76-92-01	635	✓	✓	Line 1:2	1 to 6mW	2-3R-3B	+
0019-75-92-01	635	✓	✓	Line 1:2	1 to 20mW	2-3R-3B	+

Electrical connections and Dimensions

Operating voltage: **4 to 6 Volts DC (Use regulated voltage 5Volt)**
 Consumption: **(subject to output power) 40 to ca.100mA**
 Polarity protection: **included**

Plus = red cable
Minus = black cable



I.L.E.E. AG - CH 8902 Urdorf
 Tel +41 (0)44 736 11 11, Fax +41 (0)44 736 11 12
 E-mail: office@ilee.ch / Internet: www.ilee.ch