ILEE® **LDA MICROOPTICS**

CHARACTERISTICS

- Various diffractive optic elements for pattern generation available
- Optical output power adjustable
- Solid built for industrial use
- Compact & potential-free housing
- Focusable with focus key (0006-37-92-01)
- AR coated glass lens
- Low power consumption

APPLICATIONS

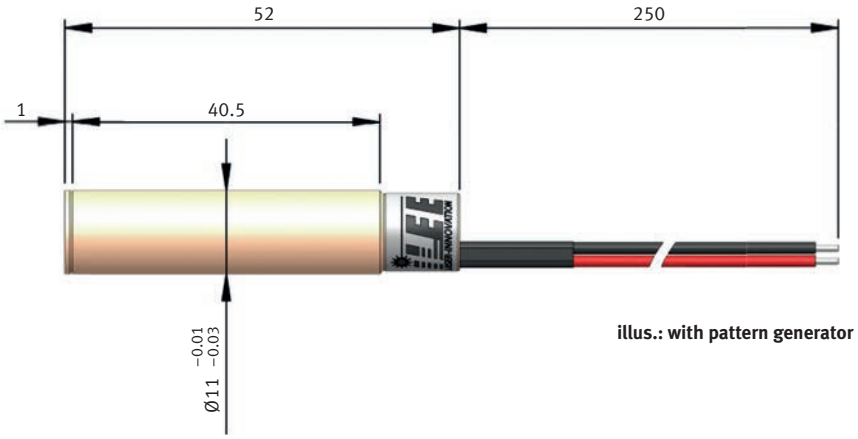
- Measurement
- Pointing
- Alignment
- Positioning

TECHNICAL DATA

Wave-length [1] nm	Optical output mW	Beam shape	Laser class [2]	Divergence [3] mrad	Wavelength shift [4] nm/°C	Output power stablity [4] % 25°C	Ripple noise 4–6 VDC rms	Order number
● 515	0.8 – 5	Dot	3R	‹0.5	0.25	‹0.5	‹1%	0019-04-92-51
● 635	0.8 – 3.5	Dot	3R	‹0.5	0.25	‹0.5	‹1%	0019-05-92-61
● 640	0.8 – 20	Dot	3B	‹0.5	0.25	‹0.5	‹1%	0019-07-92-61

[1] other wavelengths on request [2] EN/ISO 60825-1 [3] Θ @FWHM [4] after warmup

DIMENSIONS (MM)



illus.: with pattern generator

ELECTRICAL CONNECTIONS

VCC: Red (+)
GND: Black (–)

Operating voltage: 4–6 VDC (8–32 VDC available on request)

OUTPUT POWER ADJUSTMENT

Turn screw for adjustment
Turn clockwise to increase output power
Turn anti-clockwise to decrease output power

Laser beams can cause damage to your eyes.
The user is responsible to observe the local safety regulations.

Mistakes and technical changes reserved.

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