



ILEE® MICRO OPTIC

CHARACTERISTICS

- Various diffractive optic elements for pattern generation available
- Optical output power adjustable
- Solid built for industrial use
- Compact housing
- Focusable
- AR coated glass lens
- Low power consumption

APPLICATIONS

- Measurement
- Pointing
- Alignment
- Positioning

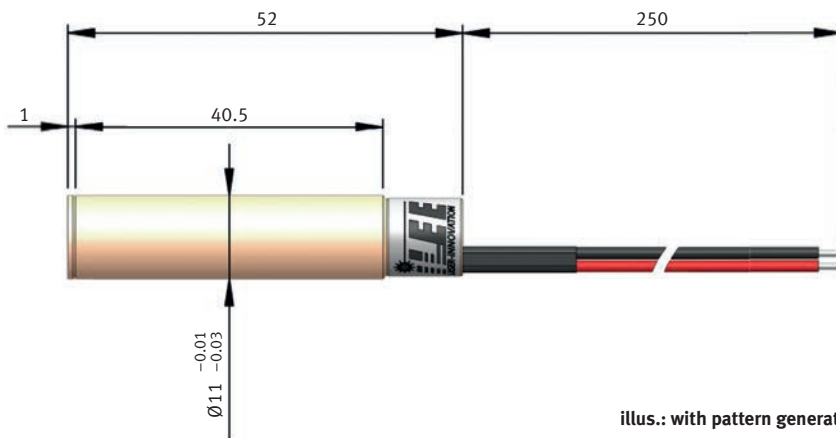
TECHNICAL DATA

Wave-length ¹⁾ nm	Optical output mW	Beam shape	Laser class ²⁾	Divergence ³⁾ mrad	Wavelength shift ⁴⁾ nm/°C	Output power stability ⁴⁾ % 25°C	Ripple noise 4–6VDC rms	Order number
• 635	<3.5	Dot	3R	<0.5	0.25	<0.5	<1%	0019-05-92-01
• 635	<7.5	Dot	3B	<0.5	0.25	<0.5	<1%	0019-06-92-01
• 635	<25	Dot	3B	<0.5	0.25	<0.5	<1%	0019-07-92-01

¹⁾ other wavelengths on request ²⁾ EN/ISO 60825-1 ³⁾ E@FWHM ⁴⁾ after warmup



DIMENSIONS (MM)



illus.: with pattern generator

ELECTRICAL CONNECTIONS

VCC: Red (+) Operating voltage: 4–6VDC (8–32VDC available on request)
GND: Black (-)

Attention: Polarity on housing: +

OUTPUT POWER ADJUSTMENT



Turn screw for adjustment



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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