



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

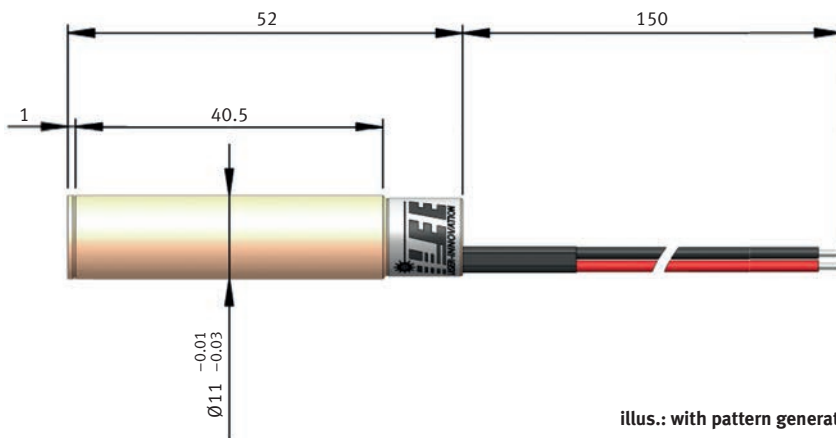
- Measurement
- Pointing
- Alignment
- Positioning

TECHNICAL DATA

Wave-length nm	Optical output mW	Beam shape	Laser class ¹⁾	Divergence ²⁾ mrad	Wavelength shift ³⁾ nm/°C	Output power stability ³⁾ % 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⁾ EN/ISO 60825-1 ²⁾ E@FWHM ³⁾ 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.

Rheinmetall Air Defence AG

Birchstrasse 155 · CH 8050 Zurich · Switzerland · Phone +41 44 316 22 11
ilee.rad@rheinmetall.com · www.ilee.ch

