



## ILEE® MOZIL

### CHARACTERISTICS

- Accurate alignment of the optical to the mechanical axis ( $<0.8$  mrad full angle)
- Solid built for industrial use
- Compact housing
- Beam shape: dot or line
- Can be factory-focused to required working distance on customer request
- AR coated glass lens
- Low power consumption

### APPLICATIONS

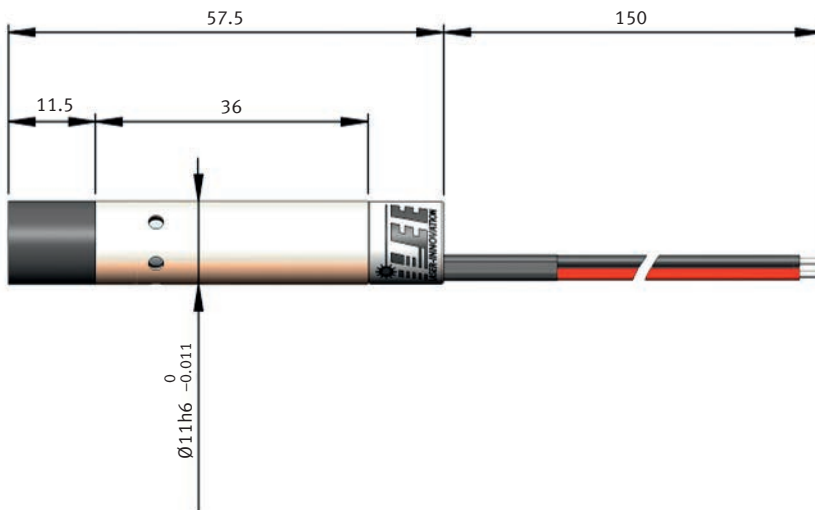
- Measurement
- Pointing
- Alignment
- Positioning

## TECHNICAL DATA

Wave-length nm	Optical output mW	Beam shape	Laser class <sup>1)</sup>	Divergence <sup>2)</sup> mrad	Wavelength shift <sup>3)</sup> nm/°C	Output power stability <sup>3)</sup> % 25°C	Ripple noise 4–6VDC rms	Order number
● 635	<1	Dot	2	<0.5	0.25	<0.5	<1%	0009-10-92-01
● 635	<1	Line <sup>4)</sup>	2M	<0.5	0.25	<0.5	<1%	0009-11-92-01
● 635	~3	Dot	3R	<0.5	0.25	<0.5	<1%	0009-12-92-01
● 635	~3	Line <sup>4)</sup>	3R	<0.5	0.25	<0.5	<1%	0009-13-92-01
● 515	<0.39	Dot	1	<0.5	<0.25	<0.5	<1%	0009-07-92-02
● 515	<1	Dot	2	<0.5	0.25	<0.5	<1%	0009-07-92-01
● 515	<1	Line <sup>4)</sup>	2M	<0.5	0.25	<0.5	<1%	0009-08-92-01

<sup>1)</sup> EN/ISO 60825-1 <sup>2)</sup> E@FWHM <sup>3)</sup> after warmup <sup>4)</sup> ~100 mm line length @ 100 mm distance

## DIMENSIONS (MM)



## ELECTRICAL CONNECTIONS

VCC: Red (+)      Operating voltage: 4–6VDC  
 GND: Black (-)

Attention: Polarity on housing: –



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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