

ZR

Positioning laser with asymmetrical line optics for maximum line length

The red ZR positioning laser has a housing diameter of 40 mm. Its integrated heavy duty power supply for 90-265VAC has a high immunity to interference.

This line laser is an entry-level model for use in harsh environments and with the asymmetrical optics a long line with nearly same intensity is projected.



Easy Installation



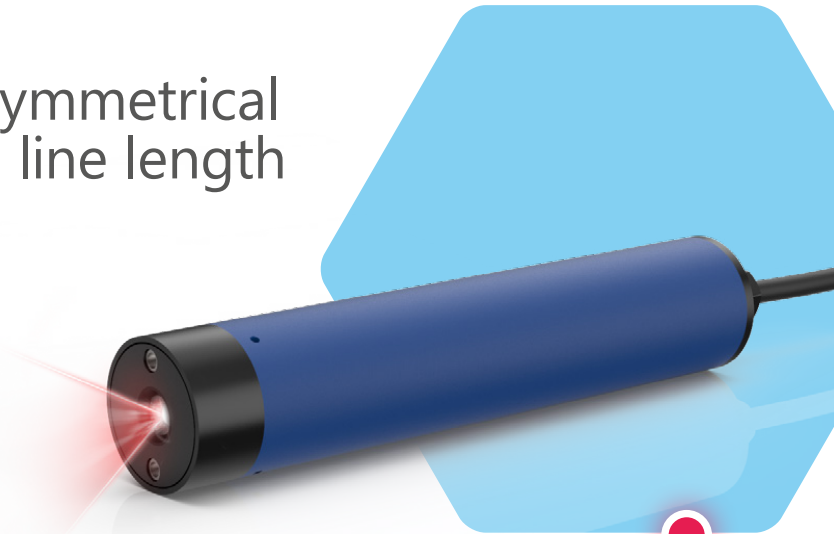
Output power up to 40 mW



Shock resistant



IP 65

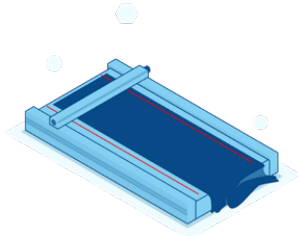


Wavelength: 635 nm

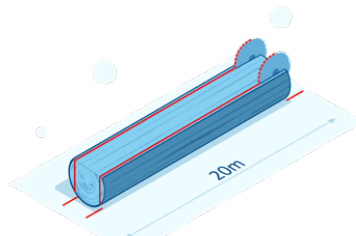
Highlights

- Red laser for long lines and good visibility
- Optical output power up to 40mW/635 nm
- Integrated power supply with high immunity to interference
- Dimensions: Ø 40mm x 200m
- wide range input, 90-265VAC

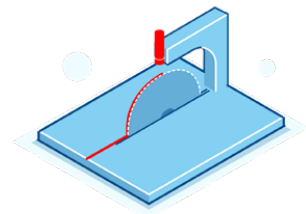
Sample applications



Textile table



Long homogenous projection



Circular Saw

Order Code

| | | | |
|--------------|----------------|------------|-------|
| Z | R | 635 | Ig90 |
| Output power | Product family | Wavelength | Optic |

System specifications

| | | |
|----------------------|----|--------------------------|
| Wavelength | nm | 635 |
| Output power | mW | up to 40 |
| Laser operation mode | | APC with current limiter |

Electrical specifications

| | | |
|----------------------|--|---|
| Operating voltage | | 90 - 265 VAC |
| Protection | | IP65 |
| Connection | | Power plug (available with standard, US or EU plug) |
| Electrical isolation | | Potential-free housing |

Optical specifications

| | | |
|-------------|----|-------------|
| Optics | | Line |
| Focus range | mm | fixed focus |
| Laser class | | 1M, 2M |

Environmental conditions

| | | |
|-----------------------|---------|---------------------|
| Operating temperature | °C / °F | -10 °C up to +50 °C |
|-----------------------|---------|---------------------|

Mechanical specifications

| | | |
|------------|----|--|
| Dimensions | mm | 200 x 40 Ø |
| Material | | Aluminium, powder-coated Optic head: anodized aluminium (black) |