## Line laser, red, 658 nm, 90 °, 50 mW

LB658-50-24(40x210)
Order Number: 70115475

| Main Parameters (*) | min | typ | max | Unit |
|---|---|---|---|---|
| Wavelength | | 658 | | nm |
| Optical Output Power | | 50 | | mW |
| Operating Voltage | 21.6 | 24 | 26.4 | V DC |
| Operating Current | 50 | 100 | 150 | mA |
| Operating Temperature | -20 | | 50 | °C |
| Storage Temperature | -40 | | 80 | °C |

### Main Data

| | |
|---|---|
| Warranty | 1 years |

### Technical Parameters

| | |
|---|---|
| Lifetime | > 10,000 h |
| RoHS | yes |

### Optical Parameters

| | |
|---|---|
| Beam Shape | Line |
| Laser Class | 2M |
| Divergence | B - 0.3 mrad |
| Fan Angle | 90 ° |
| Line Thickness | <3mm@7m |
| Operating Distance | 25 m |
| Optics | glass lens AR coated |
| Laser technology | diode |
| Focus | fixed (7.0m) |

### Electrical Parameters

| | |
|---|---|
| Potential of Housing | isolated |

### Mechanical Parameters

| | |
|---|---|
| Size | Ø40x210 mm |
| Material | aluminium |
| Cable length | 3,000 mm |
| Wire type | 18AWG, black, 3,6mm |
| Output Aperture | 8 mm |
| Weight | 743 g |

(*) Over the complete operating temperature range

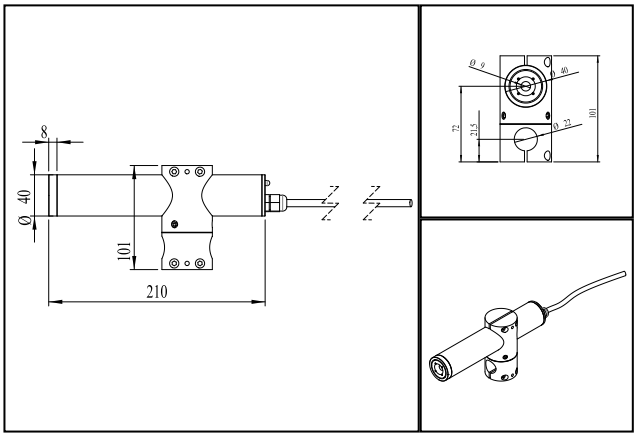
### Features

### Picture

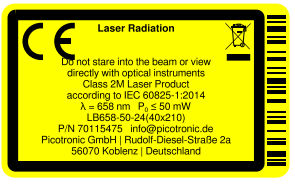
### Cable color

| | | |
|---|---|---|
| Ground | black | GND |
| Positive | white | 21.6 - 26.4, typ 24 V DC |

### Drawing




### Safety Label




### Valid Revision

1 | 27-MAY-2025

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**WEEE-Reg.-Nr.** DE85231360