

## Line laser, green, 520 nm, 60°, 10 mW

LB520-10-24(16X55)60  
Order Number: 70179576

| Main Parameters (*)   | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength            |     | 520 |     | nm   |
| Optical Output Power  | 7   | 10  | 13  | mW   |
| Operating Voltage     | 12  | 24  | 24  | V DC |
| Operating Current     | 70  | 120 | 150 | mA   |
| Operating Temperature | -20 |     | 50  | °C   |
| Storage Temperature   | -40 |     | 80  | °C   |

### Main Data

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

### Technical Parameters

|          |           |
|----------|-----------|
| Lifetime | > 5,000 h |
| RoHS     | yes       |

### Optical Parameters

|                    |                      |
|--------------------|----------------------|
| Beam Shape         | Line                 |
| Laser Class        | 1M                   |
| Divergence         | D - 0.5 mrad         |
| Fan Angle          | 60°                  |
| Line Thickness     | <2mm@3m              |
| Operating Distance | 3 m                  |
| Optics             | glass lens AR coated |
| Protection Lens    | yes                  |
| Focus              | fixed (3000mm)       |

### Electrical Parameters

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

### Mechanical Parameters

|              |           |
|--------------|-----------|
| Size         | Ø16x55 mm |
| Material     | aluminium |
| Cable length | 1,000 mm  |

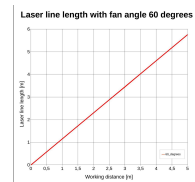
|                  |                     |
|------------------|---------------------|
| Wire type        | 18AWG, black, 3,6mm |
| Housing Color    | black               |
| Weight           | 12 g                |
| Protection Class | IP67                |

(\*) Over the complete operating temperature range

### Features



### Picture



### Cable color

|          |                                                                                      |       |                      |
|----------|--------------------------------------------------------------------------------------|-------|----------------------|
| Ground   |  | black | GND                  |
| Positive |  | red   | 12 - 24, typ 24 V DC |

### Safety Label



### Valid Revision

| 04-SEP-2024