

## Line laser, red, 658 nm, 90°, 30 mW

LH658-30-24(20x80)-F3000-M12  
Order Number: 70138122

| Main Parameters (*)   | min  | typ | max  | Unit |
|-----------------------|------|-----|------|------|
| Wavelength            | 650  | 658 | 668  | nm   |
| Optical Output Power  | 20   | 30  | 40   | mW   |
| Operating Voltage     | 21.6 | 24  | 26.4 | V DC |
| Operating Current     | 10   | 25  | 40   | 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         | H - 1.0 mrad         |
| Fan Angle          | 90°                  |
| Line Thickness     | <1.5mm@3m            |
| Operating Distance | 3m                   |
| Optics             | glass lens AR coated |
| Laser technology   | Single Mode Diode    |
| Protection Lens    | yes                  |
| Focus              | fixed (3000mm)       |

### Electrical Parameters

|                      |          |
|----------------------|----------|
| Potential of Housing | isolated |
| Connector            | CON-M12  |

Power Supply  
Power Supply, Output: 24V DC,  
Input: 100-240V AC, 50-60Hz,  
Output Power: 24W max.  
SYS 1308-2424-W2E | 2,1 x 5,5  
x 11 center positive

### Mechanical Parameters

|                  |           |
|------------------|-----------|
| Size             | Ø20x80 mm |
| Material         | aluminium |
| Output Aperture  | 5.5 mm    |
| Housing Color    | black     |
| Weight           | 52 g      |
| Protection Class | IP 64     |

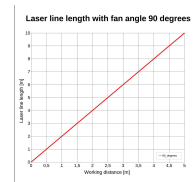
(\*) Over the complete operating temperature range

### Features



- Operating Voltage 24V DC
- Isolated housing
- Laser Class 2M
- Small laser head
- Protection lens

### Picture



### Safety Label



### Valid Revision

| 27-APR-2023