

Line laser, red, 650 nm, 90 °, 16 mW

LE650-16-3-F-S(22x100)90
Order Number: 70110166

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 650 | | nm |
| Optical Output Power | | 16 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 35 | 70 | 105 | mA |
| Operating Temperature | -20 | | 50 | °C |
| Storage Temperature | -40 | | 80 | °C |

Technical Parameters

| | |
|----------|----------|
| Lifetime | >10000 h |
| RoHS | yes |

Optical Parameters

| | |
|--------------------|----------------------|
| Beam Shape | Line |
| Laser Class | 2 |
| Divergence | E - 0.6 mrad |
| Fan Angle | 90 ° |
| Line Thickness | adjustable |
| Operating Distance | 5 m |
| Optics | glass lens AR coated |
| Laser technology | diode |
| Focus | adjustable |

Electrical Parameters

| | |
|----------------------|---------------------------------------|
| Potential of Housing | VDD(+) |
| Battery | CR123A Lithium Battery, 3V 1400mAh |

Mechanical Parameters

| | |
|-----------------|------------|
| Size | Ø22x100 mm |
| Material | aluminium |
| Output Aperture | 4.5 mm |
| Weight | 81 g |

(*) Over the complete operating temperature range

Features

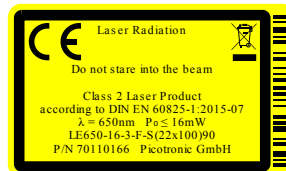


- Compact size
- Image processing
- Laser Class 2
- Glas lenses anti reflex coated
- With battery

Picture



safety label



Valid Revision

REV 8 | 17-DEC-2018