

Line laser, red, 650 nm, 90 °, 5 mW

LFL650-5(12x45)90-F250-NT
Order Number: 70106312

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 650 | | nm |
| Optical Diode Power | | 5 | | mW |
| Operating Voltage | | 5 | | V DC |
| Operating Current | 10 | 20 | 30 | mA |
| Operating Temperature | -20 | | 40 | °C |
| Storage Temperature | -40 | | 80 | °C |

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 3,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 1
Divergence H - 1.0 mrad
Fan Angle 90 °
Line Thickness <1mm@0.25m
Optics acryl lense
Laser technology diode
Focus fixed (250mm)

Electrical Parameters

Potential of Housing VDD(+)

Mechanical Parameters

| | |
|-----------------|-----------|
| Size | Ø12x45 mm |
| Material | aluminium |
| Cable length | 1,400 mm |
| Output Aperture | 6 mm |
| Weight | 82 g |

(*) Over the complete operating temperature range

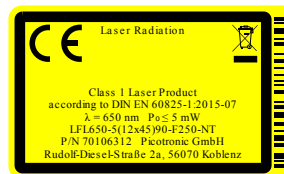
Features

- Laser Class 1
- Fixed focus 250mm
- Small laser head
- With 230V power supply

Picture



Safety Label



Valid Revision

0 | 11-MAR-2022