

DOE laser, red, 635 nm, 5°, 5 mW

DOE205-635-5-3(16x90)-C1360
Order Number: 70113549

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 635 | | nm |
| Optical Output Power | | 5 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 30 | 60 | 90 | 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 | DOE |
| Laser Class | 2M |
| Divergence | D - 0.5 mrad |
| Fan Angle | 5° |
| Line Thickness | <4mm@5m |
| Operating Distance | 5 m |
| Optics | glass lens AR coated |
| Laser technology | diode |
| Protection Lens | yes |
| Focus | fixed (5.0m) |

Electrical Parameters

| | |
|----------------------|---|
| Potential of Housing | VDD(+) |
| Connector | 2.5 mm DC plug (GND pole inner) |
| Power Supply | Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative |

Mechanical Parameters

| | |
|-----------------|-----------|
| Size | Ø16x90 mm |
| Material | aluminium |
| Cable length | 1,360 mm |
| Output Aperture | 6 mm |
| Housing Color | cyan |
| Weight | 43 g |

DOE

| | |
|----------|--------|
| Alpha | 5° |
| a | 8.5 mm |
| Material | PMMA |

(*) Over the complete operating temperature range

Features



- DOE Laser
- Image processing
- With 230V power supply
- Glas lenses anti reflex coated
- Fixed focus

Picture



Safety Label



Valid Revision

1 | 28-AUG-2019