LASERTECH®
industrial laser pointers

# Compact and powerful red light emitter for marking cutting lines and many other optical projections - Series LT1S20



## M4315A2VL0

**Type of projection:** Line
**Wavelength:** 635 nm (bright red)
**Max output power:** 15 mW
**Supply voltage:** 5 Vdc
**Protection class:** IP67

## TECHNICAL DETAILS

| | |
|---|---|
| **Code** | M4315A2VL0 |
| **Light source** | Laser diode |
| **Type of projection** | Line |
| **Wavelength** | 635 nm (bright red) |
| **Max output power** | 15 mW |
| **Supply voltage** | 5 Vdc |
| **Operating current** | <90 mA |
| **Connection** | Cable 2x0,25 cm 200 |
| **Casing** | Green anod.alum. |
| **Dimension** | 20x130 mm |
| **Linelength** | Max 6mt |
| **Protection class** | IP67 |
| **Laser class** | 2M |
| **Storage temperature °C/°F** | -40 +85 °C / -40 +185 °F |
| **Operating temperature °C/°F** | -10 +50 °C / 14 +122 °F |
| **Application sector** | Nautical constructions, construction, rubber, plastic, metals, textiles, ceramics, wood, marble and stone, glass, paper, leather/skins, tyres, medicine, measurements etc. |
| **Color** | Bright red |
| **Note** | For better use you have to specify the focus distance. If not specified, emitter is focused for infinity. Line lenses with spread 5°, 20°, 30°, 45°, 90° available. The line has a wide, at a distance of mm 1000 from the emission point and perpendicularly to laser beam, as it follows: 05° spread = mm 70 ; 20° spread = mm 310 ; 30° spread = mm 660 ; 45° spread = 800mm; 90° spread = mm 1800. You have to specify the spread that you wish. If not specified, emitter is shipped with a 90° spread lens. The visibility and the lenght of the line depend on the mounting of the laser and the brightness of the enviroment.Other optical projections available on request |

## RELATED ACCESSORIES

- Stabilized power supplier, input 8-30Vac-Vdc, output 5Vdc, 1A DIN attachment
- Stabilized power supplier input 85-265Vac, output 5Vdc, 600mA, schuco plug
- Stabilized power supplier input 100-240Vdc, output 5Vdc, 3A, DIN attachment
- Dimming flap 20 mm diam, black
- Reclining bracket for 20 mm diam module, black
- Inox rod diam mm 20x295, side milled, fixing holes (to be used with brackets 9SM2001N00 - 9SM5001N00)
- Horiz/vert twistable bracket for 20 mm diam module, black anod. alum., mountable on 20 mm diam rod
- Adjustable bracket for 20 mm diam module, flat, black, 12 mm diam inox rod included

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- Protection for 20 mm diam module - white

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