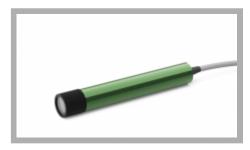


## Compact and powerful red light emitter for marking cutting lines and many other optical projections - Series LT1S20



## M4501B2VL0

Type of projection: Line Wavelength: 650 nm (red) Max output power: 1 mW

Supply voltage: 9-36 Vdc 10-30 Vac

**Protection class: IP67** 

## **TECHNICAL DETAILS**

M4501B2VL0 Code **Light source** Laser diode Type of projection Line

Wavelength 650 nm (red)

Max output power 1 mW

9-36 Vdc 10-30 Vac Supply voltage

**Operating current** <30 mA

Connection Cable 2x0,25 cm 200 Green anod.alum. Casing **Dimension** 20x130 mm Linelength Max 1mt **IP67 Protection class** Laser class

Storage temperature °C/°F -40 +85 °C / -40 +185 °F Operating temperature °C/°F -10 +50 °C / 14 +140 °F

**Application sector** Nautical constructions, construction, rubber, plastic, metals, textiles, ceramics, wood, marble

and stone, glass, paper, leather/skins, tyres, medicine, measurements etc.

Color Red

For better use you have to specify the focus distance. If not specified, emitter is focused for Note

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 length of the line depend on the mounting of the laser and the brightness of the environment. Other optical

projections available on request

## **RELATED ACCESSORIES**

- Stabilized power supplier input 100-240Vac, output 24Vdc, 1,25A, 2 poles 10A plug
- Stabilized power supplier input 100-240Vdc, output 24Vdc, 1A, 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
- Protection for 20 mm diam module white

