

## Versatile point, cross, line, circle emitter - Series LT1S



### M3705A2VL0

**Type of projection:** Line  
**Wavelength:** 670 nm (dark red)  
**Max output power:** 5 mW  
**Supply voltage:** 5 Vdc  
**Protection class:** IP64

## TECHNICAL DETAILS

<b>Code</b>	M3705A2VL0
<b>Light source</b>	Laser diode
<b>Type of projection</b>	Line
<b>Wavelength</b>	670 nm (dark red)
<b>Max output power</b>	5 mW
<b>Supply voltage</b>	5 Vdc
<b>Operating current</b>	<65 mA
<b>Connection</b>	Cable 2x0,25 cm 200
<b>Casing</b>	Green anod.alum.
<b>Dimension</b>	14x65 mm
<b>Linelength</b>	Max 1,5mt
<b>Protection class</b>	IP64
<b>Laser class</b>	2M
<b>Storage temperature °C/°F</b>	-40 +85 °C / -40 +185 °F
<b>Operating temperature °C/°F</b>	-10 +50 °C / 14 +140 °F
<b>Application sector</b>	Nautical constructions, construction, rubber, plastic, metals, textiles, ceramics, wood, marble and stone, glass, paper, leather/skins, tyres, medicine, measurements etc.
<b>Color</b>	Dark red
<b>Note</b>	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 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 80-30Vac-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
- Reclining bracket for 14 mm diam module, black
- Ball-shaped head bracket for 14 mm diam module, black
- Reduction bush for 14 mm diam module, black

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