

## Versatile point, cross, line, circle emitter with M8 connector - Series LT2S



### N3705DBVL0

**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>                        | N3705DBVL0  |
| <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>                  | M8 connector + cm 300 cable   |
| <b>Casing</b>                      | Green anod.alum.  |
| <b>Dimension</b>                   | 14x95 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 85-265Vac, output 5Vdc, 600mA, schuco plug
- Stabilized power supplier, input 80-30Vac-Vdc, output 5Vdc, 1A DIN attachment
- 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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