

PRECISION AND RELIABILITY

LASERTECH[®]

— industrial laser pointers —

LASERTECH - Precision. Reliability. Innovation.

LASERTECH, a brand of the long-standing company AGNOLIN&BRUSADIN SRL, has specialised in creating laser pointers for industrial and professional use for over thirty years.

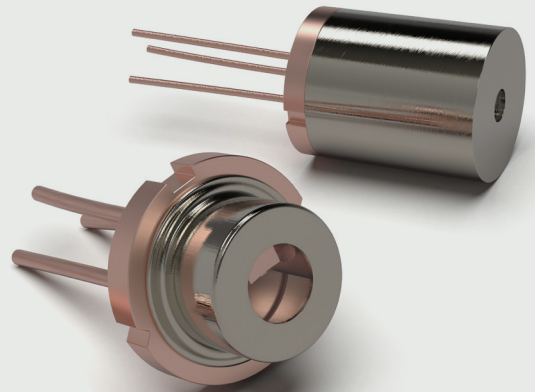
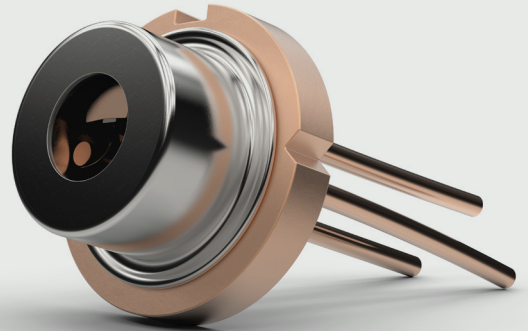
We produce high-tech laser devices and systems that enable the display of increasingly precise references for the operator: aligning, positioning, cutting, drilling, zeroing margins of error, saving on materials and time, and achieving superior performance and maximum productivity.

We work in an array of sectors: wood, marble, plastic, rubber, paper, glass working, automotive, industrial automation, food, logistics, biomedical, packaging, road marking machinery, rail industry.

Our **constantly updated team of technicians** provides the customer with the best and most advanced technologies available on the market, making our products competitive and reliable.

Broad range of projection types:

lines, crosses, points, circles, grids, red or green light, adjustable or fixed focus, perfectly visible on all surfaces.



Dynamic and versatile, we guarantee a rapid response to customer requests, a very short order lead time as well as the ability to supply special products for custom applications.



In all industrial applications, the possibility of having precise references provided by laser pointers is essential. Lines, crosses, points, circles, grids, red or green light, adjustable or fixed focus, perfectly visible on all surfaces and in all settings.

MANY SECTORS OF APPLICATION:

AUTOMOTIVE

In any kind of vehicle manufacturing, laser projectors are used to position assembly elements and for dimensional and quality control of components. They can also be mounted on tyre balancing equipment, tyre changers and headlamp centring machines.



WOOD INDUSTRY

Widely used on woodcutting machinery: lasers are mounted on log saws, circular saws, multi-blade saws, band saws, cutting machines, panel saws, flanging machines and presses. Alignment is possible because the light beam produced by the laser allows the limit of the machining process (e.g. the cutting of a blade) to be traced. Laser markers are generally installed on a bracket, aligning the beam with the disk and fastened integral to the bridge of the machine so that the beam moves when the bridge (usually the machine's Y-axis) is moved.



METAL INDUSTRY, ENGINEERING, ROBOTICS

In the metalworking sector, lasers are a precious and versatile tool for speeding up working processes. They project target positions for visual/actual comparison or to visualise the optimal alignment of workpieces (even large and difficult to manoeuvre workpieces) for saws, folding tables or rollers, milling machines, drilling machines, press brakes, croppers. Using laser projectors in this sector cuts down on production costs and at the same time ensures a higher quality finished product.



MARBLE AND STONE WORKING MACHINERY

Our laser pointers are used for aligning marble slabs on CNC bridge saws or multi-blade saws, positioning suction cups or clamping devices, aligning slabs on table tops or machining centres as well as for edge grinding, positioning cuts and holes.



RAIL SECTOR

Laser pointers are used by rail network maintenance companies, both for structural checks and for checking track alignment.



TEXTILE, LEATHER AND FOOTWEAR SECTOR

In the textile, leather and footwear sector too, our laser modules are essential for providing a precise reference for the operator in garment or leather manufacturing processes (positioning the fabric as it enters the machine, as an optical ruler for seam monitoring, reference for applying embellishments, applying labels, printing on fabric, positioning buttonholes and buttons, cutting fabric or leather, aligning and sewing pockets, alignment in the ironing process).



LOGISTICS

Lasers projecting crosses, lines and circles form guiding systems on moving conveyor belts for positioning packages and boxes or any other goods being handled. They can also be applied to automated vertical warehouses, allowing the operator to be guided in recognising the material to be picked, with a not inconsiderable return in terms of time and productivity.



FOOD INDUSTRY PRODUCTION LINES

Laser pointers are used to process (i.e. align or select) bulk or packaged food products in the horizontal or inclined handling process as they exit machines during the various production stages, in both packaging or distribution: Automatic bottling, filling, capping, thermo-sealing plants.



PAPER, RUBBER, PLASTIC, PACKAGING INDUSTRY

Laser pointers mounted on machinery for plastic production and cutting (production of plastic films for packaging products in the food, medical and pet food sectors), or eco-sustainable packaging. Automatic wrapping machines, cutters, rewinders.



BIOMEDICAL SECTOR

Laser pointers are mounted on the majority of diagnostic machines: tomography, CT, radiotherapy, orthopantomography; they are essential for aligning the patient or parts of the body during the session.



PRINTING MACHINES

Laser references are mounted on gluing plotters, offset printing machines, cutters, folding machines, laminators, die-cutters, flexographic machines.



VISION LASERS

The laser display is ideal for 2D and 3D measurements in combination with industrial cameras and image processing.



GLASS CUTTERS AND ENGRAVERS

Glass working requires careful and precise positioning and careful checking of dimensions: we have been working for many years with the major glass working machine manufacturers in Italy and Europe. Used on glass cutting machines, including waterjet, sanding and drilling machines.



LINE MARKING MACHINERY

Our laser pointers are mounted on line marking machines for marking roads and motorways, car parks, airports, sports fields.



WATERJET CUTTING MACHINERY

Laser pointers are used as a reference on waterjet cutters to cut a wide variety of materials with a high level of precision and with no issues created by the humid environment.



GLUE IMPREGNATION AND COATING LINES

Laser pointers are mounted on glue impregnation and coating lines for a number of sectors: from furniture to building and construction.



OUR PRODUCTS

Thanks to decades of experience in the market and continuous product development, **LASERTECH** guarantees internally designed high-quality electronic components, high-precision mechanical components, a wide range of laser beam output wavelengths and powers, as well as customised solutions upon customer request.



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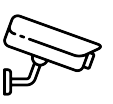
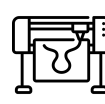
Series LT1



Mini point and line emitter

The smallest emitter in the Lasertech range, generating points, lines and other types of figures on request. Just 11 mm in diameter, it can be used in a vast range of sectors where space is at a premium and small dimensions are essential.

Our lasers are suitable for every application sector.



Laser beam emitter LT1 series



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: Blue/brown wires cm 30

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 11X55 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M1301A1V00	635 nm (bright red)	1 mW	<40 mA	2
M1303A1V00	635 nm (bright red)	3 mW	<40 mA	3R
M1305A1V00	635 nm (bright red)	5 mW	<45 mA	3R
M1501A1V00	650 nm (red)	1 mW	<40 mA	2
M1503A1V00	650 nm (red)	3 mW	<40 mA	3R
M1505A1V00	650 nm (red)	5 mW	<40 mA	3R
M1701A1V00	670 nm (dark red)	1 mW	<50 mA	2
M1703A1V00	670 nm (dark red)	3 mW	<60 mA	3R
M1705A1V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000..Other optical projections available on request

Laser beam emitter LT1 series



Type of projection: Dot

Supply voltage: 5-30 Vdc

Connection: Blue/brown wires cm 30

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 11X55 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M1301H1V00	635 nm (bright red)	1 mW	<40 mA	2
M1303H1V00	635 nm (bright red)	3 mW	<40 mA	3R
M1305H1V00	635 nm (bright red)	5 mW	<45 mA	3R
M1501H1V00	650 nm (red)	1 mW	<40 mA	2
M1503H1V00	650 nm (red)	3 mW	<40 mA	3R
M1505H1V00	650 nm (red)	5 mW	<40 mA	3R
M1701H1V00	670 nm (dark red)	1 mW	<50 mA	2
M1703H1V00	670 nm (dark red)	3 mW	<60 mA	3R
M1705H1V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000..Other optical projections available on request

Laser beam emitter LT1/LG series



Type of projection: Line

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 11X65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M1301A2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M1303A2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M1305A2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
M1501A2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M1503A2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M1505A2VL0	650 nm (red)	5 mW	Max 2mt	<40 mA	2M
M1701A2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M1703A2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M1705A2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The visibility and the length of the line depend on the mounting of the laser and the brightness of the environment. For better use you have to specify the focus distance. If not specified, emitter is focused for infinity. The lens has a spread of 90°. The line has a wide of mm 1800 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Other optical projections available on request

Laser beam emitter LT1/LG series



Type of projection: Line

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 11X65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M1301H2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M1303H2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M1305H2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
M1501H2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M1503H2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M1505H2VL0	650 nm (red)	5 mW	Max 2mt	<40 mA	2M
M1701H2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M1703H2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M1705H2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The visibility and the length of the line depend on the mounting of the laser and the brightness of the environment. For better use you have to specify the focus distance. If not specified, emitter is focused for infinity. The lens has a spread of 90°. The line has a wide of mm 1800 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Other optical projections available on request

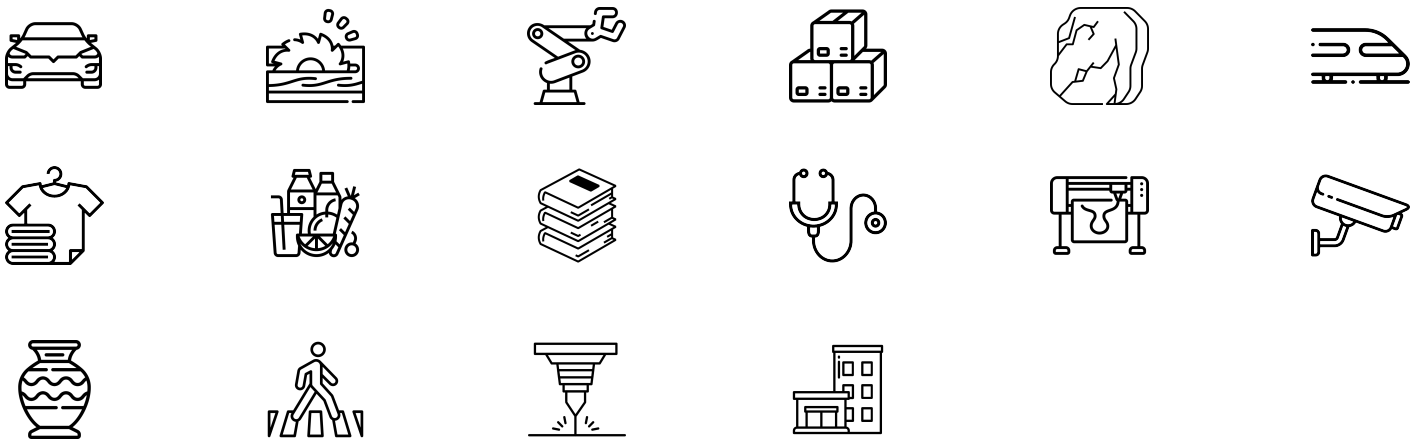
Series LT1M



Versatile point, cross, line, circle emitter, panel mount

Laser pointer with M14x1 threaded casing for ease of use in an array of industrial applications. Can be used as a positioning laser or as an image processing aid. Various optical projections available. For easy mounting, it is supplied with 2 ring nuts or, on request, with flexible arms in different sizes.

Our lasers are suitable for every application sector.



Laser beam emitter LT1M series



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x55 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M2301A2V00	635 nm (bright red)	1 mW	<40 mA	2
M2303A2V00	635 nm (bright red)	3 mW	<40 mA	3R
M2305A2V00	635 nm (bright red)	5 mW	<40 mA	3R
M2310A2V00	635 nm (bright red)	10 mW	<70 mA	3B
M2501A2V00	650 nm (red)	1 mW	<40 mA	2
M2503A2V00	650 nm (red)	3 mW	<40 mA	3R
M2505A2V00	650 nm (red)	5 mW	<40 mA	3R
M2701A2V00	670 nm (dark red)	1 mW	<50 mA	2
M2703A2V00	670 nm (dark red)	3 mW	<60 mA	3R
M2705A2V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000..Other optical projections available on request

Laser beam emitter LT1M series



Type of projection: Dot

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x55 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M2301H2V00	635 nm (bright red)	1 mW	<40 mA	2
M2303H2V00	635 nm (bright red)	3 mW	<40 mA	3R
M2305H2V00	635 nm (bright red)	5 mW	<40 mA	3R
M2501H2V00	650 nm (red)	1 mW	<40 mA	2
M2503H2V00	650 nm (red)	3 mW	<40 mA	3R
M2505H2V00	650 nm (red)	5 mW	<40 mA	3R
M2701H2V00	670 nm (dark red)	1 mW	<50 mA	2
M2703H2V00	670 nm (dark red)	3 mW	<60 mA	3R
M2705H2V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000..Other optical projections available on request

Laser beam emitter LT1M/XG series



Type of projection: Cross

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M2301H2VX0	635 nm (bright red)	1 mW	<40 mA	2
M2303H2VX0	635 nm (bright red)	3 mW	<40 mA	2M
M2305H2VX0	635 nm (bright red)	5 mW	<45 mA	2M
M2501H2VX0	650 nm (red)	1 mW	<40 mA	2
M2503H2VX0	650 nm (red)	3 mW	<40 mA	2M
M2505H2VX0	650 nm (red)	5 mW	<40 mA	2M
M2701H2VX0	670 nm (dark red)	1 mW	<50 mA	2
M2703H2VX0	670 nm (dark red)	3 mW	<60 mA	2M
M2705H2VX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1M/XG series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M2301A2VX0	635 nm (bright red)	1 mW	<40 mA	2
M2303A2VX0	635 nm (bright red)	3 mW	<40 mA	2M
M2305A2VX0	635 nm (bright red)	5 mW	<45 mA	2M
M2310A2VX0	635 nm (bright red)	10 mW	<70 mA	2M
M2501A2VX0	650 nm (red)	1 mW	<40 mA	2
M2503A2VX0	650 nm (red)	3 mW	<40 mA	2M
M2505A2VX0	650 nm (red)	5 mW	<40 mA	2M
M2701A2VX0	670 nm (dark red)	1 mW	<50 mA	2
M2703A2VX0	670 nm (dark red)	3 mW	<60 mA	2M
M2705A2VX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1M/CG series



Type of projection: Circle

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M2301H2VC0	635 nm (bright red)	1 mW	<40 mA	2
M2303H2VC0	635 nm (bright red)	3 mW	<40 mA	2M
M2305H2VC0	635 nm (bright red)	5 mW	<45 mA	2M
M2501H2VC0	650 nm (red)	1 mW	<40 mA	2
M2503H2VC0	650 nm (red)	3 mW	<40 mA	2M
M2505H2VC0	650 nm (red)	5 mW	<40 mA	2M
M2701H2VC0	670 nm (dark red)	1 mW	<50 mA	2
M2703H2VC0	670 nm (dark red)	3 mW	<60 mA	2M
M2705H2VC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1M/CG series



Type of projection: Circle

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M2301A2VC0	635 nm (bright red)	1 mW	<40 mA	2
M2303A2VC0	635 nm (bright red)	3 mW	<40 mA	2M
M2305A2VC0	635 nm (bright red)	5 mW	<45 mA	2M
M2310A2VC0	635 nm (bright red)	10 mW	<70 mA	2M
M2501A2VC0	650 nm (red)	1 mW	<40 mA	2
M2503A2VC0	650 nm (red)	3 mW	<40 mA	2M
M2505A2VC0	650 nm (red)	5 mW	<40 mA	2M
M2701A2VC0	670 nm (dark red)	1 mW	<50 mA	2
M2703A2VC0	670 nm (dark red)	3 mW	<60 mA	2M
M2705A2VC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1M/LG series



Type of projection: Line

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M2301H2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M2303H2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M2305H2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
M2501H2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M2503H2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M2505H2VL0	650 nm (red)	5 mW	Max 1,7mt	<40 mA	2M
M2701H2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M2703H2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M2705H2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. 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

Laser beam emitter LT1M/LG series



Type of projection: Line

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M2301A2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M2303A2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M2305A2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
M2310A2VL0	635 nm (bright red)	10 mW	Max 4mt	<70 mA	2M
M2501A2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M2503A2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M2505A2VL0	650 nm (red)	5 mW	Max 1,7mt	<40 mA	2M
M2701A2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M2703A2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M2705A2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Two rings are included in the price. 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

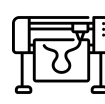
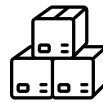
Series LT1S



Versatile point, cross, line, circle emitter

The Ø14 mm laser module mainly used in packaging, textile, wood, nautical and many other sectors. Can be used as a positioning laser or as an image processing aid. Various optical projections available on request.

Our lasers are suitable for every application sector.



Laser beam emitter LT1S series



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x55 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M3301A2V00	635 nm (bright red)	1 mW	<40 mA	2
M3303A2V00	635 nm (bright red)	3 mW	<40 mA	3R
M3305A2V00	635 nm (bright red)	5 mW	<40 mA	3R
M3310A2V00	635 nm (bright red)	10 mW	<70 mA	3B
M3501A2V00	650 nm (red)	1 mW	<40 mA	2
M3503A2V00	650 nm (red)	3 mW	<40 mA	3R
M3505A2V00	650 nm (red)	5 mW	<40 mA	3R
M3701A2V00	670 nm (dark red)	1 mW	<50 mA	2
M3703A2V00	670 nm (dark red)	3 mW	<60 mA	3R
M3705A2V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S series



Type of projection: Dot

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x55 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M3301H2V00	635 nm (bright red)	1 mW	<40 mA	2
M3303H2V00	635 nm (bright red)	3 mW	<40 mA	3R
M3305H2V00	635 nm (bright red)	5 mW	<40 mA	3R
M3501H2V00	650 nm (red)	1 mW	<40 mA	2
M3503H2V00	650 nm (red)	3 mW	<40 mA	3R
M3505H2V00	650 nm (red)	5 mW	<40 mA	3R
M3701H2V00	670 nm (dark red)	1 mW	<50 mA	2
M3703H2V00	670 nm (dark red)	3 mW	<60 mA	3R
M3705H2V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S/XG series



Type of projection: Cross

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M3301H2VX0	635 nm (bright red)	1 mW	<40 mA	2
M3303H2VX0	635 nm (bright red)	3 mW	<40 mA	2M
M3305H2VX0	635 nm (bright red)	5 mW	<45 mA	2M
M3501H2VX0	650 nm (red)	1 mW	<40 mA	2
M3503H2VX0	650 nm (red)	3 mW	<40 mA	2M
M3505H2VX0	650 nm (red)	5 mW	<40 mA	2M
M3701H2VX0	670 nm (dark red)	1 mW	<50 mA	2
M3703H2VX0	670 nm (dark red)	3 mW	<60 mA	2M
M3705H2VX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S/XG series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M3301A2VX0	635 nm (bright red)	1 mW	<40 mA	2
M3303A2VX0	635 nm (bright red)	3 mW	<40 mA	2M
M3305A2VX0	635 nm (bright red)	5 mW	<45 mA	2M
M3310A2VX0	635 nm (bright red)	10 mW	<70 mA	2M
M3501A2VX0	650 nm (red)	1 mW	<40 mA	2
M3503A2VX0	650 nm (red)	3 mW	<40 mA	2M
M3505A2VX0	650 nm (red)	5 mW	<40 mA	2M
M3701A2VX0	670 nm (dark red)	1 mW	<50 mA	2
M3703A2VX0	670 nm (dark red)	3 mW	<60 mA	2M
M3705A2VX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S/CG series



Type of projection: Circle

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M3301H2VC0	635 nm (bright red)	1 mW	<40 mA	2
M3303H2VC0	635 nm (bright red)	3 mW	<40 mA	2M
M3305H2VC0	635 nm (bright red)	5 mW	<45 mA	2M
M3501H2VC0	650 nm (red)	1 mW	<40 mA	2
M3503H2VC0	650 nm (red)	3 mW	<40 mA	2M
M3505H2VC0	650 nm (red)	5 mW	<40 mA	2M
M3701H2VC0	670 nm (dark red)	1 mW	<50 mA	2
M3703H2VC0	670 nm (dark red)	3 mW	<60 mA	2M
M3705H2VC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S/CG series



Type of projection: Circle

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M3301A2VC0	635 nm (bright red)	1 mW	<40 mA	2
M3303A2VC0	635 nm (bright red)	3 mW	<40 mA	2M
M3305A2VC0	635 nm (bright red)	5 mW	<45 mA	2M
M3310A2VC0	635 nm (bright red)	10 mW	<70 mA	2M
M3501A2VC0	650 nm (red)	1 mW	<40 mA	2
M3503A2VC0	650 nm (red)	3 mW	<40 mA	2M
M3505A2VC0	650 nm (red)	5 mW	<40 mA	2M
M3701A2VC0	670 nm (dark red)	1 mW	<50 mA	2
M3703A2VC0	670 nm (dark red)	3 mW	<60 mA	2M
M3705A2VC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S/LG series



Type of projection: Line

Supply voltage: 5-30 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M3301H2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M3303H2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M3305H2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
M3501H2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M3503H2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M3505H2VL0	650 nm (red)	5 mW	Max 1,7mt	<40 mA	2M
M3701H2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M3703H2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M3705H2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Laser beam emitter LT1S/LG series



Type of projection: Line

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x65 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M3301A2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M3303A2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M3305A2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
M3310A2VL0	635 nm (bright red)	10 mW	Max 4mt	<70 mA	2M
M3501A2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M3503A2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M3505A2VL0	650 nm (red)	5 mW	Max 1,7mt	<40 mA	2M
M3701A2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M3703A2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M3705A2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

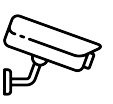
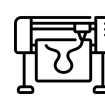
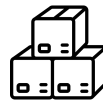
Series LT2S



Versatile point, cross, line, circle emitter with M8 connector

Ø14 mm laser pointer with M8 connector mainly used in the automation industry to improve the production process and simplify assembly. Can be used as a positioning laser or as an image processing aid. Various optical projections available on request.

Our lasers are suitable for every application sector.



Laser beam emitter LT2S series



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14X85 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N3301DBV00	635 nm (bright red)	1 mW	<40 mA	2
N3303DBV00	635 nm (bright red)	3 mW	<40 mA	3R
N3305DBV00	635 nm (bright red)	5 mW	<40 mA	3R
N3310DBV00	635 nm (bright red)	10 mW	<70 mA	3B
N3501DBV00	650 nm (red)	1 mW	<40 mA	2
N3503DBV00	650 nm (red)	3 mW	<40 mA	3R
N3505DBV00	650 nm (red)	5 mW	<40 mA	3R
N3701DBV00	670 nm (dark red)	1 mW	<50 mA	2
N3703DBV00	670 nm (dark red)	3 mW	<60 mA	3R
N3705DBV00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT2S series



Type of projection: Dot

Supply voltage: 5-30 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14X85 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N3301HBV00	635 nm (bright red)	1 mW	<40 mA	2
N3303HBV00	635 nm (bright red)	3 mW	<40 mA	3R
N3305HBV00	635 nm (bright red)	5 mW	<40 mA	3R
N3501HBV00	650 nm (red)	1 mW	<40 mA	2
N3503HBV00	650 nm (red)	3 mW	<40 mA	3R
N3505HBV00	650 nm (red)	5 mW	<40 mA	3R
N3701HBV00	670 nm (dark red)	1 mW	<50 mA	2
N3703HBV00	670 nm (dark red)	3 mW	<60 mA	3R
N3705HBV00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT2S/XG series



Type of projection: Cross

Supply voltage: 5-30 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x95 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N3301HBVX0	635 nm (bright red)	1 mW	<40 mA	2
N3303HBVX0	635 nm (bright red)	3 mW	<40 mA	2M
N3305HBVX0	635 nm (bright red)	5 mW	<45 mA	2M
N3501HBVX0	650 nm (red)	1 mW	<40 mA	2
N3503HBVX0	650 nm (red)	3 mW	<40 mA	2M
N3505HBVX0	650 nm (red)	5 mW	<40 mA	2M
N3701HBVX0	670 nm (dark red)	1 mW	<50 mA	2
N3703HBVX0	670 nm (dark red)	3 mW	<60 mA	2M
N3705HBVX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT2S/XG series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x95 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N3301DBVX0	635 nm (bright red)	1 mW	<40 mA	2
N3303DBVX0	635 nm (bright red)	3 mW	<40 mA	2M
N3305DBVX0	635 nm (bright red)	5 mW	<45 mA	2M
N3310DBVX0	635 nm (bright red)	10 mW	<70 mA	2M
N3501DBVX0	650 nm (red)	1 mW	<40 mA	2
N3503DBVX0	650 nm (red)	3 mW	<40 mA	2M
N3505DBVX0	650 nm (red)	5 mW	<40 mA	2M
N3701DBVX0	670 nm (dark red)	1 mW	<50 mA	2
N3703DBVX0	670 nm (dark red)	3 mW	<60 mA	2M
N3705DBVX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT2S/CG series



Type of projection: Circle

Supply voltage: 5-30 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x95 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N3301HBVCO	635 nm (bright red)	1 mW	<40 mA	2
N3303HBVCO	635 nm (bright red)	3 mW	<40 mA	2M
N3305HBVCO	635 nm (bright red)	5 mW	<45 mA	2M
N3501HBVCO	650 nm (red)	1 mW	<40 mA	2
N3503HBVCO	650 nm (red)	3 mW	<40 mA	2M
N3505HBVCO	650 nm (red)	5 mW	<40 mA	2M
N3701HBVCO	670 nm (dark red)	1 mW	<50 mA	2
N3703HBVCO	670 nm (dark red)	3 mW	<60 mA	2M
N3705HBVCO	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT2S/CG series



Type of projection: Circle

Supply voltage: 5 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x95 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N3301DBVC0	635 nm (bright red)	1 mW	<40 mA	2
N3303DBVC0	635 nm (bright red)	3 mW	<40 mA	2M
N3305DBVC0	635 nm (bright red)	5 mW	<45 mA	2M
N3310DBVC0	635 nm (bright red)	10 mW	<70 mA	2M
N3501DBVC0	650 nm (red)	1 mW	<40 mA	2
N3503DBVC0	650 nm (red)	3 mW	<40 mA	2M
N3505DBVC0	650 nm (red)	5 mW	<40 mA	2M
N3701DBVC0	670 nm (dark red)	1 mW	<50 mA	2
N3703DBVC0	670 nm (dark red)	3 mW	<60 mA	2M
N3705DBVC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT2S/LG series



Type of projection: Line

Supply voltage: 5-30 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x95 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N3301HBVLO	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
N3303HBVLO	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
N3305HBVLO	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
N3501HBVLO	650 nm (red)	1 mW	Max 1mt	<40 mA	2
N3503HBVLO	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
N3505HBVLO	650 nm (red)	5 mW	Max 1,7mt	<40 mA	2M
N3701HBVLO	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
N3703HBVLO	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
N3705HBVLO	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Laser beam emitter LT2S/LG series



Type of projection: Line

Supply voltage: 5 Vdc

Connection: M8 connector + cm 300 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 14x95 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N3301DBVL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
N3303DBVL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
N3305DBVL0	635 nm (bright red)	5 mW	Max 2,5mt	<45 mA	2M
N3310DBVL0	635 nm (bright red)	10 mW	Max 4mt	<70 mA	2M
N3501DBVL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
N3503DBVL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
N3505DBVL0	650 nm (red)	5 mW	Max 1,7mt	<40 mA	2M
N3701DBVL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
N3703DBVL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
N3705DBVL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

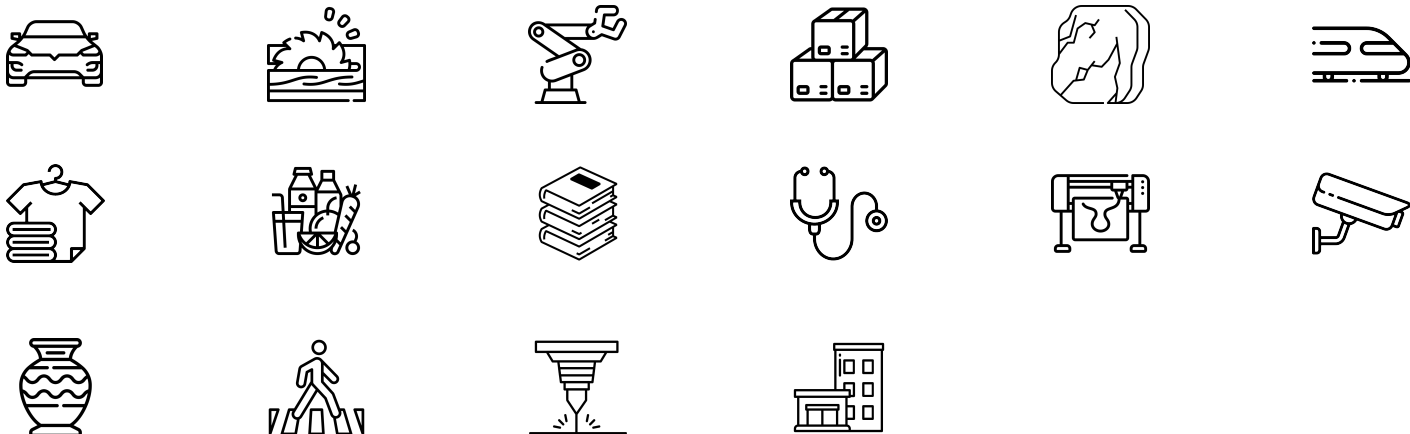
Series LT1S20



Compact and powerful red light emitter for marking cutting lines and many other optical projections

Ø20 mm laser module for industrial use. Designed for multi-blade woodworking machines, paper and textile cutters, for positioning and aligning plastic, rubber etc. workpieces in production lines, as well as for marking cutting lines or as an image processing aid. Its red light beam can be combined with a wide range of optics generating points, lines, circles, crosses and other figures to meet every requirement. Available with various power supplies and trigger control.

Our lasers are suitable for every application sector.



Laser beam emitter LT1S20 series



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A2V00	635 nm (bright red)	1 mW	<40 mA	2
M4303A2V00	635 nm (bright red)	3 mW	<40 mA	3R
M4305A2V00	635 nm (bright red)	5 mW	<40 mA	3R
M4310A2V00	635 nm (bright red)	10 mW	<70 mA	3B
M4315A2V00	635 nm (bright red)	15 mW	<90 mA	3B
M4320A2V00	635 nm (bright red)	20 mW	<90 mA	3B
M4330A2V00	635 nm (bright red)	30 mW	<120 mA	3B
M4501A2V00	650 nm (red)	1 mW	<40 mA	2
M4503A2V00	650 nm (red)	3 mW	<40 mA	3R
M4505A2V00	650 nm (red)	5 mW	<40 mA	3R
M4701A2V00	670 nm (dark red)	1 mW	<50 mA	2
M4703A2V00	670 nm (dark red)	3 mW	<60 mA	3R
M4705A2V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S20 series



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A4V00	635 nm (bright red)	1 mW	<40 mA	2
M4303A4V00	635 nm (bright red)	3 mW	<40 mA	3R
M4305A4V00	635 nm (bright red)	5 mW	<40 mA	3R
M4310A4V00	635 nm (bright red)	10 mW	<70 mA	3B
M4315A4V00	635 nm (bright red)	15 mW	<90 mA	3B
M4320A4V00	635 nm (bright red)	20 mW	<90 mA	3B
M4330A4V00	635 nm (bright red)	30 mW	<120 mA	3B
M4501A4V00	650 nm (red)	1 mW	<40 mA	2
M4503A4V00	650 nm (red)	3 mW	<40 mA	3R
M4505A4V00	650 nm (red)	5 mW	<40 mA	3R
M4701A4V00	670 nm (dark red)	1 mW	<50 mA	2
M4703A4V00	670 nm (dark red)	3 mW	<60 mA	3R
M4705A4V00	670 nm (dark red)	5 mW	<65 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S20 series



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301L4V00	635 nm (bright red)	1 mW	<40 mA	2
M4303L4V00	635 nm (bright red)	3 mW	<40 mA	3R
M4305L4V00	635 nm (bright red)	5 mW	<30 mA	3R
M4310L4V00	635 nm (bright red)	10 mW	<60 mA	3B
M4315L4V00	635 nm (bright red)	15 mW	<80 mA	3B
M4320L4V00	635 nm (bright red)	20 mW	<80 mA	3B
M4330L4V00	635 nm (bright red)	30 mW	<110 mA	3B
M4340L4V00	635 nm (bright red)	40 mW	<110 mA	3B
M4350L4V00	635 nm (bright red)	50 mW	<120 mA	3B
M4601L4V00	660 nm (red)	1 mW	<30 mA	2
M4603L4V00	660 nm (red)	3 mW	<30 mA	3R
M4605L4V00	660 nm (red)	5 mW	<40 mA	3R
M4610L4V00	660 nm (red)	10 mW	<40 mA	2M
M4620L4V00	660 nm (red)	20 mW	<50 mA	2M
M4630L4V00	660 nm (red)	30 mW	<50 mA	2M
M4640L4V00	660 nm (red)	40 mW	<60 mA	3B
M4650L4V00	660 nm (red)	50 mW	<60 mA	3B
M4680L4V00	660 nm (red)	80 mW	<70 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S20 series



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B4V00	635 nm (bright red)	1 mW	<30 mA	2
M4303B4V00	635 nm (bright red)	3 mW	<30 mA	3R
M4305B4V00	635 nm (bright red)	5 mW	<30 mA	3R
M4310B4V00	635 nm (bright red)	10 mW	<60 mA	3B
M4315B4V00	635 nm (bright red)	15 mW	<80 mA	3B
M4320B4V00	635 nm (bright red)	20 mW	<80 mA	3B
M4330B4V00	635 nm (bright red)	30 mW	<110 mA	3B
M4501B4V00	650 nm (red)	1 mW	<30 mA	2
M4503B4V00	650 nm (red)	3 mW	<30 mA	3R
M4505B4V00	650 nm (red)	5 mW	<30 mA	3R
M4601B4V00	660 nm (red)	1 mW	<30 mA	2
M4603B4V00	660 nm (red)	3 mW	<30 mA	3R
M4605B4V00	660 nm (red)	5 mW	<40 mA	3R
M4610B4V00	660 nm (red)	10 mW	<40 mA	2M
M4620B4V00	660 nm (red)	20 mW	<50 mA	2M
M4630B4V00	660 nm (red)	30 mW	<50 mA	2M
M4640B4V00	660 nm (red)	40 mW	<60 mA	3B
M4650B4V00	660 nm (red)	50 mW	<60 mA	3B
M4680B4V00	660 nm (red)	80 mW	<70 mA	3B
M4701B4V00	670 nm (dark red)	1 mW	<30 mA	2
M4703B4V00	670 nm (dark red)	3 mW	<40 mA	3R
M4705B4V00	670 nm (dark red)	5 mW	<40 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S20 series



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B2V00	635 nm (bright red)	1 mW	<30 mA	2
M4303B2V00	635 nm (bright red)	3 mW	<30 mA	3R
M4305B2V00	635 nm (bright red)	5 mW	<30 mA	3R
M4310B2V00	635 nm (bright red)	10 mW	<60 mA	3B
M4315B2V00	635 nm (bright red)	15 mW	<80 mA	3B
M4320B2V00	635 nm (bright red)	20 mW	<80 mA	3B
M4330B2V00	635 nm (bright red)	30 mW	<110 mA	3B
M4501B2V00	650 nm (red)	1 mW	<30 mA	2
M4503B2V00	650 nm (red)	3 mW	<30 mA	3R
M4505B2V00	650 nm (red)	5 mW	<30 mA	3R
M4701B2V00	670 nm (dark red)	1 mW	<30 mA	2
M4703B2V00	670 nm (dark red)	3 mW	<40 mA	3R
M4705B2V00	670 nm (dark red)	5 mW	<40 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Laser beam emitter LT1S20/XG series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B2VX0	635 nm (bright red)	1 mW	<30 mA	2
M4303B2VX0	635 nm (bright red)	3 mW	<30 mA	2M
M4305B2VX0	635 nm (bright red)	5 mW	<30 mA	2M
M4310B2VX0	635 nm (bright red)	10 mW	<60 mA	2M
M4315B2VX0	635 nm (bright red)	15 mW	<80 mA	2M
M4320B2VX0	635 nm (bright red)	20 mW	<80 mA	2M
M4330B2VX0	635 nm (bright red)	30 mW	<110 mA	2M
M4501B2VX0	650 nm (red)	1 mW	<30 mA	2
M4503B2VX0	650 nm (red)	3 mW	<30 mA	2M
M4505B2VX0	650 nm (red)	5 mW	<30 mA	2M
M4701B2VX0	670 nm (dark red)	1 mW	<30 mA	2
M4703B2VX0	670 nm (dark red)	3 mW	<40 mA	2M
M4705B2VX0	670 nm (dark red)	5 mW	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/XG series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B4VX0	635 nm (bright red)	1 mW	<30 mA	2
M4303B4VX0	635 nm (bright red)	3 mW	<30 mA	2M
M4305B4VX0	635 nm (bright red)	5 mW	<30 mA	2M
M4310B4VX0	635 nm (bright red)	10 mW	<60 mA	2M
M4315B4VX0	635 nm (bright red)	15 mW	<80 mA	2M
M4320B4VX0	635 nm (bright red)	20 mW	<80 mA	2M
M4330B4VX0	635 nm (bright red)	30 mW	<110 mA	2M
M4501B4VX0	650 nm (red)	1 mW	<30 mA	2
M4503B4VX0	650 nm (red)	3 mW	<30 mA	2M
M4505B4VX0	650 nm (red)	5 mW	<30 mA	2M
M4601B4VX0	660 nm (red)	1 mW	<30 mA	2
M4603B4VX0	660 nm (red)	3 mW	<30 mA	2M
M4605B4VX0	660 nm (red)	5 mW	<40 mA	2M
M4610B4VX0	660 nm (red)	10 mW	<40 mA	2M
M4620B4VX0	660 nm (red)	20 mW	<50 mA	2M
M4630B4VX0	660 nm (red)	30 mW	<50 mA	2M
M4640B4VX0	660 nm (red)	40 mW	<60 mA	3B
M4650B4VX0	660 nm (red)	50 mW	<60 mA	3B
M4680B4VX0	660 nm (red)	80 mW	<70 mA	3B
M4701B4VX0	670 nm (dark red)	1 mW	<30 mA	2
M4703B4VX0	670 nm (dark red)	3 mW	<40 mA	2M
M4705B4VX0	670 nm (dark red)	5 mW	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/XG series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301L4VX0	635 nm (bright red)	1 mW	<40 mA	2
M4303L4VX0	635 nm (bright red)	3 mW	<40 mA	2M
M4305L4VX0	635 nm (bright red)	5 mW	<30 mA	2M
M4310L4VX0	635 nm (bright red)	10 mW	<60 mA	2M
M4315L4VX0	635 nm (bright red)	15 mW	<80 mA	2M
M4320L4VX0	635 nm (bright red)	20 mW	<80 mA	2M
M4330L4VX0	635 nm (bright red)	30 mW	<110 mA	2M
M4340L4VX0	635 nm (bright red)	40 mW	<110 mA	3B
M4350L4VX0	635 nm (bright red)	50 mW	<120 mA	3B
M4601L4VX0	660 nm (red)	1 mW	<30 mA	2
M4603L4VX0	660 nm (red)	3 mW	<30 mA	2M
M4605L4VX0	660 nm (red)	5 mW	<40 mA	2M
M4610L4VX0	660 nm (red)	10 mW	<40 mA	2M
M4620L4VX0	660 nm (red)	20 mW	<50 mA	2M
M4630L4VX0	660 nm (red)	30 mW	<50 mA	2M
M4640L4VX0	660 nm (red)	40 mW	<60 mA	3B
M4650L4VX0	660 nm (red)	50 mW	<60 mA	3B
M4680L4VX0	660 nm (red)	80 mW	<70 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/XG series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A2VX0	635 nm (bright red)	1 mW	<40 mA	2
M4303A2VX0	635 nm (bright red)	3 mW	<40 mA	2M
M4305A2VX0	635 nm (bright red)	5 mW	<40 mA	2M
M4310A2VX0	635 nm (bright red)	10 mW	<70 mA	2M
M4315A2VX0	635 nm (bright red)	15 mW	<90 mA	2M
M4320A2VX0	635 nm (bright red)	20 mW	<90 mA	2M
M4330A2VX0	635 nm (bright red)	30 mW	<120 mA	2M
M4501A2VX0	650 nm (red)	1 mW	<40 mA	2
M4503A2VX0	650 nm (red)	3 mW	<40 mA	2M
M4505A2VX0	650 nm (red)	5 mW	<40 mA	2M
M4701A2VX0	670 nm (dark red)	1 mW	<50 mA	2
M4703A2VX0	670 nm (dark red)	3 mW	<60 mA	2M
M4705A2VX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/XG series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A4VX0	635 nm (bright red)	1 mW	<40 mA	2
M4303A4VX0	635 nm (bright red)	3 mW	<40 mA	2M
M4305A4VX0	635 nm (bright red)	5 mW	<40 mA	2M
M4310A4VX0	635 nm (bright red)	10 mW	<70 mA	2M
M4315A4VX0	635 nm (bright red)	15 mW	<90 mA	2M
M4320A4VX0	635 nm (bright red)	20 mW	<90 mA	2M
M4330A4VX0	635 nm (bright red)	30 mW	<120 mA	2M
M4501A4VX0	650 nm (red)	1 mW	<40 mA	2
M4503A4VX0	650 nm (red)	3 mW	<40 mA	2M
M4505A4VX0	650 nm (red)	5 mW	<40 mA	2M
M4701A4VX0	670 nm (dark red)	1 mW	<50 mA	2
M4703A4VX0	670 nm (dark red)	3 mW	<60 mA	2M
M4705A4VX0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series



Type of projection: Circle

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A2VC0	635 nm (bright red)	1 mW	<40 mA	2
M4303A2VC0	635 nm (bright red)	3 mW	<40 mA	2M
M4305A2VC0	635 nm (bright red)	5 mW	<40 mA	2M
M4310A2VC0	635 nm (bright red)	10 mW	<70 mA	2M
M4315A2VC0	635 nm (bright red)	15 mW	<90 mA	2M
M4320A2VC0	635 nm (bright red)	20 mW	<90 mA	2M
M4330A2VC0	635 nm (bright red)	30 mW	<120 mA	2M
M4501A2VC0	650 nm (red)	1 mW	<40 mA	2
M4503A2VC0	650 nm (red)	3 mW	<40 mA	2M
M4505A2VC0	650 nm (red)	5 mW	<40 mA	2M
M4701A2VC0	670 nm (dark red)	1 mW	<50 mA	2
M4703A2VC0	670 nm (dark red)	3 mW	<60 mA	2M
M4705A2VC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series



Type of projection: Circle

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A4VC0	635 nm (bright red)	1 mW	<40 mA	2
M4303A4VC0	635 nm (bright red)	3 mW	<40 mA	2M
M4305A4VC0	635 nm (bright red)	5 mW	<40 mA	2M
M4310A4VC0	635 nm (bright red)	10 mW	<70 mA	2M
M4315A4VC0	635 nm (bright red)	15 mW	<90 mA	2M
M4320A4VC0	635 nm (bright red)	20 mW	<90 mA	2M
M4330A4VC0	635 nm (bright red)	30 mW	<120 mA	2M
M4501A4VC0	650 nm (red)	1 mW	<40 mA	2
M4503A4VC0	650 nm (red)	3 mW	<40 mA	2M
M4505A4VC0	650 nm (red)	5 mW	<40 mA	2M
M4701A4VC0	670 nm (dark red)	1 mW	<50 mA	2
M4703A4VC0	670 nm (dark red)	3 mW	<60 mA	2M
M4705A4VC0	670 nm (dark red)	5 mW	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301L4VC0	635 nm (bright red)	1 mW	<40 mA	2
M4303L4VC0	635 nm (bright red)	3 mW	<40 mA	2M
M4305L4VC0	635 nm (bright red)	5 mW	<30 mA	2M
M4310L4VC0	635 nm (bright red)	10 mW	<60 mA	2M
M4315L4VC0	635 nm (bright red)	15 mW	<80 mA	2M
M4320L4VC0	635 nm (bright red)	20 mW	<80 mA	2M
M4330L4VC0	635 nm (bright red)	30 mW	<110 mA	2M
M4340L4VC0	635 nm (bright red)	40 mW	<110 mA	3B
M4350L4VC0	635 nm (bright red)	50 mW	<120 mA	3B
M4601L4VC0	660 nm (red)	1 mW	<30 mA	2
M4603L4VC0	660 nm (red)	3 mW	<30 mA	2M
M4605L4VC0	660 nm (red)	5 mW	<40 mA	2M
M4610L4VC0	660 nm (red)	10 mW	<40 mA	2M
M4620L4VC0	660 nm (red)	20 mW	<50 mA	2M
M4630L4VC0	660 nm (red)	30 mW	<50 mA	2M
M4640L4VC0	660 nm (red)	40 mW	<60 mA	3B
M4650L4VC0	660 nm (red)	50 mW	<60 mA	3B
M4680L4VC0	660 nm (red)	80 mW	<70 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B4VC0	635 nm (bright red)	1 mW	<30 mA	2
M4303B4VC0	635 nm (bright red)	3 mW	<30 mA	2M
M4305B4VC0	635 nm (bright red)	5 mW	<30 mA	2M
M4310B4VC0	635 nm (bright red)	10 mW	<60 mA	2M
M4315B4VC0	635 nm (bright red)	15 mW	<80 mA	2M
M4320B4VC0	635 nm (bright red)	20 mW	<80 mA	2M
M4330B4VC0	635 nm (bright red)	30 mW	<110 mA	2M
M4501B4VC0	650 nm (red)	1 mW	<30 mA	2
M4503B4VC0	650 nm (red)	3 mW	<30 mA	2M
M4505B4VC0	650 nm (red)	5 mW	<30 mA	2M
M4601B4VC0	660 nm (red)	1 mW	<30 mA	2
M4603B4VC0	660 nm (red)	3 mW	<30 mA	2M
M4605B4VC0	660 nm (red)	5 mW	<40 mA	2M
M4610B4VC0	660 nm (red)	10 mW	<40 mA	2M
M4620B4VC0	660 nm (red)	20 mW	<50 mA	2M
M4630B4VC0	660 nm (red)	30 mW	<50 mA	2M
M4640B4VC0	660 nm (red)	40 mW	<60 mA	3B
M4650B4VC0	660 nm (red)	50 mW	<60 mA	3B
M4680B4VC0	660 nm (red)	80 mW	<70 mA	3B
M4701B4VC0	670 nm (dark red)	1 mW	<30 mA	2
M4703B4VC0	670 nm (dark red)	3 mW	<40 mA	2M
M4705B4VC0	670 nm (dark red)	5 mW	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B2VC0	635 nm (bright red)	1 mW	<30 mA	2
M4303B2VC0	635 nm (bright red)	3 mW	<30 mA	2M
M4305B2VC0	635 nm (bright red)	5 mW	<30 mA	2M
M4310B2VC0	635 nm (bright red)	10 mW	<60 mA	2M
M4315B2VC0	635 nm (bright red)	15 mW	<80 mA	2M
M4320B2VC0	635 nm (bright red)	20 mW	<80 mA	2M
M4330B2VC0	635 nm (bright red)	30 mW	<110 mA	2M
M4501B2VC0	650 nm (red)	1 mW	<30 mA	2
M4503B2VC0	650 nm (red)	3 mW	<30 mA	2M
M4505B2VC0	650 nm (red)	5 mW	<30 mA	2M
M4701B2VC0	670 nm (dark red)	1 mW	<30 mA	2
M4703B2VC0	670 nm (dark red)	3 mW	<40 mA	2M
M4705B2VC0	670 nm (dark red)	5 mW	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Cutting guide line laser LT1S20/LG series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301L4VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M4303L4VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M4305L4VL0	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
M4310L4VL0	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
M4315L4VL0	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
M4320L4VL0	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
M4330L4VL0	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
M4340L4VL0	635 nm (bright red)	40 mW	Max 10mt	<110 mA	3B
M4350L4VL0	635 nm (bright red)	50 mW	Max 11mt	<120 mA	3B
M4601L4VL0	660 nm (red)	1 mW	Max 1mt	<30 mA	2
M4603L4VL0	660 nm (red)	3 mW	Max 1mt	<30 mA	2M
M4605L4VL0	660 nm (red)	5 mW	Max 1,5mt	<40 mA	2M
M4610L4VL0	660 nm (red)	10 mW	Max 4mt	<40 mA	2M
M4620L4VL0	660 nm (red)	20 mW	Max 6mt	<50 mA	2M
M4630L4VL0	660 nm (red)	30 mW	Max 8mt	<50 mA	2M
M4640L4VL0	660 nm (red)	40 mW	Max 9mt	<60 mA	3B
M4650L4VL0	660 nm (red)	50 mW	Max 10mt	<60 mA	3B
M4680L4VL0	660 nm (red)	80 mW	Max 12mt	<70 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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 length of the line depend on the mounting of the

laser and the brightness of the environment. Other optical projections available on request

Cutting guide line laser LT1S20/LG series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301B4VL0	635 nm (bright red)	1 mW	Max 1,5mt	<30 mA	2
M4303B4VL0	635 nm (bright red)	3 mW	Max 2mt	<30 mA	2M
M4305B4VL0	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
M4310B4VL0	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
M4315B4VL0	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
M4320B4VL0	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
M4330B4VL0	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
M4501B4VL0	650 nm (red)	1 mW	Max 1mt	<30 mA	2
M4503B4VL0	650 nm (red)	3 mW	Max 1,5mt	<30 mA	2M
M4505B4VL0	650 nm (red)	5 mW	Max 2mt	<30 mA	2M
M4601B4VL0	660 nm (red)	1 mW	Max 1mt	<30 mA	2
M4603B4VL0	660 nm (red)	3 mW	Max 1mt	<30 mA	2M
M4605B4VL0	660 nm (red)	5 mW	Max 1,5mt	<40 mA	2M
M4610B4VL0	660 nm (red)	10 mW	Max 4mt	<40 mA	2M
M4620B4VL0	660 nm (red)	20 mW	Max 6mt	<50 mA	2M
M4630B4VL0	660 nm (red)	30 mW	Max 8mt	<50 mA	2M
M4640B4VL0	660 nm (red)	40 mW	Max 9mt	<60 mA	3B
M4650B4VL0	660 nm (red)	50 mW	Max 10mt	<60 mA	3B
M4680B4VL0	660 nm (red)	80 mW	Max 12mt	<70 mA	3B
M4701B4VL0	670 nm (dark red)	1 mW	Max 1mt	<30 mA	2
M4703B4VL0	670 nm (dark red)	3 mW	Max 1,2mt	<40 mA	2M
M4705B4VL0	670 nm (dark red)	5 mW	Max 1,5mt	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Cutting guide line laser LT1S20/LG series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301B2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<30 mA	2
M4303B2VL0	635 nm (bright red)	3 mW	Max 2mt	<30 mA	2M
M4305B2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
M4310B2VL0	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
M4315B2VL0	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
M4320B2VL0	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
M4330B2VL0	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
M4501B2VL0	650 nm (red)	1 mW	Max 1mt	<30 mA	2
M4503B2VL0	650 nm (red)	3 mW	Max 1,5mt	<30 mA	2M
M4505B2VL0	650 nm (red)	5 mW	Max 2mt	<30 mA	2M
M4701B2VL0	670 nm (dark red)	1 mW	Max 1mt	<30 mA	2
M4703B2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<40 mA	2M
M4705B2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Cutting guide line laser LT1S20/LG series



Type of projection: Line

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301A2VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M4303A2VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M4305A2VL0	635 nm (bright red)	5 mW	Max 2,5mt	<40 mA	2M
M4310A2VL0	635 nm (bright red)	10 mW	Max 5mt	<70 mA	2M
M4315A2VL0	635 nm (bright red)	15 mW	Max 6mt	<90 mA	2M
M4320A2VL0	635 nm (bright red)	20 mW	Max 7mt	<90 mA	2M
M4330A2VL0	635 nm (bright red)	30 mW	Max 9mt	<120 mA	2M
M4501A2VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M4503A2VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M4505A2VL0	650 nm (red)	5 mW	Max 2mt	<40 mA	2M
M4701A2VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M4703A2VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M4705A2VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Cutting guide line laser LT1S20/LG series



Type of projection: Line

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301A4VL0	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M4303A4VL0	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M4305A4VL0	635 nm (bright red)	5 mW	Max 2,5mt	<40 mA	2M
M4310A4VL0	635 nm (bright red)	10 mW	Max 5mt	<70 mA	2M
M4315A4VL0	635 nm (bright red)	15 mW	Max 6mt	<90 mA	2M
M4320A4VL0	635 nm (bright red)	20 mW	Max 7mt	<90 mA	2M
M4330A4VL0	635 nm (bright red)	30 mW	Max 9mt	<120 mA	2M
M4501A4VL0	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M4503A4VL0	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M4505A4VL0	650 nm (red)	5 mW	Max 2mt	<40 mA	2M
M4701A4VL0	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2
M4703A4VL0	670 nm (dark red)	3 mW	Max 1,2mt	<60 mA	2M
M4705A4VL0	670 nm (dark red)	5 mW	Max 1,5mt	<65 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

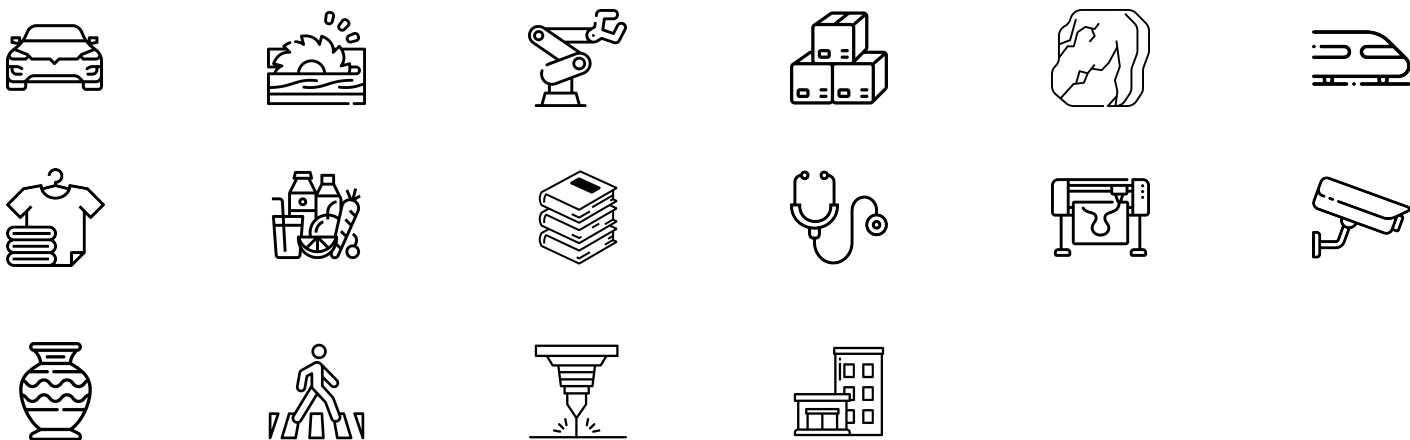
Series LT1S20 - ADJUSTABLE FOCUS



Compact and powerful red light adjustable emitter for points, crosses, circles and marker lines

New Ø20 mm red light emitter. A rotating steel bezel allows the laser beam to be focused at any distance. Designed for industrial use for positioning, marking cutting lines or image processing. Its light beam available in various wavelengths can be combined with a wide range of optical projections to meet every requirement. Available with various power supplies and trigger control.

Our lasers are suitable for every application sector.



Laser beam emitter LT1S20 series, adjustable focus



Type of projection: Dot

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A4V00R	635 nm (bright red)	1 mW	<40 mA	2
M4303A4V00R	635 nm (bright red)	3 mW	<40 mA	3R
M4305A4V00R	635 nm (bright red)	5 mW	<40 mA	3R
M4310A4V00R	635 nm (bright red)	10 mW	<70 mA	3B
M4315A4V00R	635 nm (bright red)	15 mW	<90 mA	3B
M4320A4V00R	635 nm (bright red)	20 mW	<90 mA	3B
M4330A4V00R	635 nm (bright red)	30 mW	<120 mA	3B
M4501A4V00R	650 nm (red)	1 mW	<40 mA	2
M4503A4V00R	650 nm (red)	3 mW	<40 mA	3R
M4505A4V00R	650 nm (red)	5 mW	<40 mA	3R
M4701A4V00R	670 nm (dark red)	1 mW	<50 mA	3R
M4703A4V00R	670 nm (dark red)	3 mW	<50 mA	3R
M4705A4V00R	670 nm (dark red)	5 mW	<50 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt .Other optical projections available on request

Laser beam emitter LT1S20 series, adjustable focus



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301L4V00R	635 nm (bright red)	1 mW	<30 mA	2
M4303L4V00R	635 nm (bright red)	3 mW	<30 mA	3R
M4305L4V00R	635 nm (bright red)	5 mW	<30 mA	3R
M4310L4V00R	635 nm (bright red)	10 mW	<60 mA	3B
M4315L4V00R	635 nm (bright red)	15 mW	<80 mA	3B
M4320L4V00R	635 nm (bright red)	20 mW	<80 mA	3B
M4330L4V00R	635 nm (bright red)	30 mW	<110 mA	3B
M4340L4V00R	635 nm (bright red)	40 mW	<110 mA	3B
M4350L4V00R	635 nm (bright red)	50 mW	<120 mA	3B
M4601L4V00R	660 nm (red)	1 mW	<30 mA	2
M4603L4V00R	660 nm (red)	3 mW	<30 mA	3R
M4605L4V00R	660 nm (red)	5 mW	<40 mA	3R
M4610L4V00R	660 nm (red)	10 mW	<40 mA	2M
M4620L4V00R	660 nm (red)	20 mW	<50 mA	2M
M4630L4V00R	660 nm (red)	30 mW	<50 mA	2M
M4640L4V00R	660 nm (red)	40 mW	<60 mA	3B
M4650L4V00R	660 nm (red)	50 mW	<60 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from 50mm to 20m. Other optical projections available on request

Laser beam emitter LT1S20 series, adjustable focus



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B4V00R	635 nm (bright red)	1 mW	<30 mA	2
M4303B4V00R	635 nm (bright red)	3 mW	<30 mA	3R
M4305B4V00R	635 nm (bright red)	5 mW	<30 mA	3R
M4310B4V00R	635 nm (bright red)	10 mW	<60 mA	3B
M4315B4V00R	635 nm (bright red)	15 mW	<80 mA	3B
M4320B4V00R	635 nm (bright red)	20 mW	<80 mA	3B
M4330B4V00R	635 nm (bright red)	30 mW	<110 mA	3B
M4501B4V00R	650 nm (red)	1 mW	<30 mA	2
M4503B4V00R	650 nm (red)	3 mW	<30 mA	3R
M4505B4V00R	650 nm (red)	5 mW	<30 mA	3R
M4701B4V00R	670 nm (dark red)	1 mW	<30 mA	3R
M4703B4V00R	670 nm (dark red)	3 mW	<30 mA	3R
M4705B4V00R	670 nm (dark red)	5 mW	<30 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt .Other optical projections available on request

Laser beam emitter LT1S20/XG series, adjustable focus



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B4VX0R	635 nm (bright red)	1 mW	<30 mA	2
M4303B4VX0R	635 nm (bright red)	3 mW	<30 mA	2M
M4305B4VX0R	635 nm (bright red)	5 mW	<30 mA	2M
M4310B4VX0R	635 nm (bright red)	10 mW	<60 mA	2M
M4315B4VX0R	635 nm (bright red)	15 mW	<80 mA	2M
M4320B4VX0R	635 nm (bright red)	20 mW	<80 mA	2M
M4330B4VX0R	635 nm (bright red)	30 mW	<110 mA	2M
M4501B4VX0R	650 nm (red)	1 mW	<30 mA	2
M4503B4VX0R	650 nm (red)	3 mW	<30 mA	2M
M4505B4VX0R	650 nm (red)	5 mW	<30 mA	2M
M4701B4VX0R	670 nm (dark red)	1 mW	<30 mA	2M
M4703B4VX0R	670 nm (dark red)	3 mW	<30 mA	2M
M4705B4VX0R	670 nm (dark red)	5 mW	<30 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/XG series, adjustable focus



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301L4VX0R	635 nm (bright red)	1 mW	<30 mA	2
M4303L4VX0R	635 nm (bright red)	3 mW	<30 mA	2M
M4305L4VX0R	635 nm (bright red)	5 mW	<30 mA	2M
M4310L4VX0R	635 nm (bright red)	10 mW	<60 mA	2M
M4315L4VX0R	635 nm (bright red)	15 mW	<80 mA	2M
M4320L4VX0R	635 nm (bright red)	20 mW	<80 mA	2M
M4330L4VX0R	635 nm (bright red)	30 mW	<110 mA	2M
M4340L4VX0R	635 nm (bright red)	40 mW	<110 mA	3B
M4350L4VX0R	635 nm (bright red)	50 mW	<120 mA	3B
M4601L4VX0R	660 nm (red)	1 mW	<30 mA	2
M4603L4VX0R	660 nm (red)	3 mW	<30 mA	2M
M4605L4VX0R	660 nm (red)	5 mW	<40 mA	2M
M4610L4VX0R	660 nm (red)	10 mW	<40 mA	2M
M4620L4VX0R	660 nm (red)	20 mW	<50 mA	2M
M4630L4VX0R	660 nm (red)	30 mW	<50 mA	2M
M4640L4VX0R	660 nm (red)	40 mW	<60 mA	3B
M4650L4VX0R	660 nm (red)	50 mW	<60 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from 50mm to 20m. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/XG series, adjustable focus



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A4VX0R	635 nm (bright red)	1 mW	<40 mA	2
M4303A4VX0R	635 nm (bright red)	3 mW	<40 mA	2M
M4305A4VX0R	635 nm (bright red)	5 mW	<40 mA	2M
M4310A4VX0R	635 nm (bright red)	10 mW	<70 mA	2M
M4315A4VX0R	635 nm (bright red)	15 mW	<90 mA	2M
M4320A4VX0R	635 nm (bright red)	20 mW	<90 mA	2M
M4330A4VX0R	635 nm (bright red)	30 mW	<120 mA	2M
M4501A4VX0R	650 nm (red)	1 mW	<40 mA	2
M4503A4VX0R	650 nm (red)	3 mW	<40 mA	2M
M4505A4VX0R	650 nm (red)	5 mW	<40 mA	2M
M4701A4VX0R	670 nm (dark red)	1 mW	<50 mA	2M
M4703A4VX0R	670 nm (dark red)	3 mW	<50 mA	2M
M4705A4VX0R	670 nm (dark red)	5 mW	<50 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series, adjustable focus



Type of projection: Circle

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301A4VC0R	635 nm (bright red)	1 mW	<40 mA	2
M4303A4VC0R	635 nm (bright red)	3 mW	<40 mA	2M
M4305A4VC0R	635 nm (bright red)	5 mW	<40 mA	2M
M4310A4VC0R	635 nm (bright red)	10 mW	<70 mA	2M
M4315A4VC0R	635 nm (bright red)	15 mW	<90 mA	2M
M4320A4VC0R	635 nm (bright red)	20 mW	<90 mA	2M
M4330A4VC0R	635 nm (bright red)	30 mW	<120 mA	2M
M4501A4VC0R	650 nm (red)	1 mW	<40 mA	2
M4503A4VC0R	650 nm (red)	3 mW	<40 mA	2M
M4505A4VC0R	650 nm (red)	5 mW	<40 mA	2M
M4701A4VC0R	670 nm (dark red)	1 mW	<50 mA	2M
M4703A4VC0R	670 nm (dark red)	3 mW	<50 mA	2M
M4705A4VC0R	670 nm (dark red)	5 mW	<50 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Laser beam emitter LT1S20/CG series, adjustable focus



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301L4VC0R	635 nm (bright red)	1 mW	<30 mA	2
M4303L4VC0R	635 nm (bright red)	3 mW	<30 mA	2M
M4305L4VC0R	635 nm (bright red)	5 mW	<30 mA	2M
M4310L4VC0R	635 nm (bright red)	10 mW	<60 mA	2M
M4315L4VC0R	635 nm (bright red)	15 mW	<80 mA	2M
M4320L4VC0R	635 nm (bright red)	20 mW	<80 mA	2M
M4330L4VC0R	635 nm (bright red)	30 mW	<110 mA	2M
M4340L4VC0R	635 nm (bright red)	40 mW	<110 mA	3B
M4350L4VC0R	635 nm (bright red)	50 mW	<120 mA	3B
M4601L4VC0R	660 nm (red)	1 mW	<30 mA	2
M4603L4VC0R	660 nm (red)	3 mW	<30 mA	2M
M4605L4VC0R	660 nm (red)	5 mW	<40 mA	2M
M4610L4VC0R	660 nm (red)	10 mW	<40 mA	2M
M4620L4VC0R	660 nm (red)	20 mW	<50 mA	2M
M4630L4VC0R	660 nm (red)	30 mW	<50 mA	2M
M4640L4VC0R	660 nm (red)	40 mW	<60 mA	3B
M4650L4VC0R	660 nm (red)	50 mW	<60 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from 50mm to 20m. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available.
.Other optical projections available on request

Laser beam emitter LT1S20/CG series, adjustable focus



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4301B4VC0R	635 nm (bright red)	1 mW	<30 mA	2
M4303B4VC0R	635 nm (bright red)	3 mW	<30 mA	2M
M4305B4VC0R	635 nm (bright red)	5 mW	<30 mA	2M
M4310B4VC0R	635 nm (bright red)	10 mW	<60 mA	2M
M4315B4VC0R	635 nm (bright red)	15 mW	<80 mA	2M
M4320B4VC0R	635 nm (bright red)	20 mW	<80 mA	2M
M4330B4VC0R	635 nm (bright red)	30 mW	<110 mA	2M
M4501B4VC0R	650 nm (red)	1 mW	<30 mA	2
M4503B4VC0R	650 nm (red)	3 mW	<30 mA	2M
M4505B4VC0R	650 nm (red)	5 mW	<30 mA	2M
M4701B4VC0R	670 nm (dark red)	1 mW	<30 mA	2M
M4703B4VC0R	670 nm (dark red)	3 mW	<30 mA	2M
M4705B4VC0R	670 nm (dark red)	5 mW	<30 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Cutting guide line laser LT1S20/LG series, adjustable focus



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301L4VL0R	635 nm (bright red)	1 mW	Max 1,5mt	<30 mA	2
M4303L4VL0R	635 nm (bright red)	3 mW	Max 2mt	<30 mA	2M
M4305L4VL0R	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
M4310L4VL0R	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
M4315L4VL0R	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
M4320L4VL0R	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
M4330L4VL0R	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
M4340L4VL0R	635 nm (bright red)	40 mW	Max 10mt	<110 mA	3B
M4350L4VL0R	635 nm (bright red)	50 mW	Max 11mt	<120 mA	3B
M4601L4VL0R	660 nm (red)	1 mW	Max 1mt	<30 mA	2
M4603L4VL0R	660 nm (red)	3 mW	Max 1mt	<30 mA	2M
M4605L4VL0R	660 nm (red)	5 mW	Max 1,5mt	<40 mA	2M
M4610L4VL0R	660 nm (red)	10 mW	Max 4mt	<40 mA	2M
M4620L4VL0R	660 nm (red)	20 mW	Max 6mt	<50 mA	2M
M4630L4VL0R	660 nm (red)	30 mW	Max 8mt	<50 mA	2M
M4640L4VL0R	660 nm (red)	40 mW	Max 9mt	<60 mA	3B
M4650L4VL0R	660 nm (red)	50 mW	Max 10mt	<60 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. 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

Cutting guide line laser LT1S20/LG series, adjustable focus



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301B4VL0R	635 nm (bright red)	1 mW	Max 1,5mt	<30 mA	2
M4303B4VL0R	635 nm (bright red)	3 mW	Max 2mt	<30 mA	2M
M4305B4VL0R	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
M4310B4VL0R	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
M4315B4VL0R	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
M4320B4VL0R	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
M4330B4VL0R	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
M4501B4VL0R	650 nm (red)	1 mW	Max 1mt	<30 mA	2
M4503B4VL0R	650 nm (red)	3 mW	Max 1,5mt	<30 mA	2M
M4505B4VL0R	650 nm (red)	5 mW	Max 2mt	<30 mA	2M
M4701B4VL0R	670 nm (dark red)	1 mW	Max 1mt	<30 mA	2M
M4703B4VL0R	670 nm (dark red)	3 mW	Max 1,2mt	<30 mA	2M
M4705B4VL0R	670 nm (dark red)	5 mW	Max 1,5mt	<30 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. 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

Cutting guide line laser LT1S20/LG series, adjustable focus



Type of projection: Line

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4301A4VL0R	635 nm (bright red)	1 mW	Max 1,5mt	<40 mA	2
M4303A4VL0R	635 nm (bright red)	3 mW	Max 2mt	<40 mA	2M
M4305A4VL0R	635 nm (bright red)	5 mW	Max 2,5mt	<40 mA	2M
M4310A4VL0R	635 nm (bright red)	10 mW	Max 5mt	<70 mA	2M
M4315A4VL0R	635 nm (bright red)	15 mW	Max 6mt	<90 mA	2M
M4320A4VL0R	635 nm (bright red)	20 mW	Max 7mt	<90 mA	2M
M4330A4VL0R	635 nm (bright red)	30 mW	Max 9mt	<120 mA	2M
M4501A4VL0R	650 nm (red)	1 mW	Max 1mt	<40 mA	2
M4503A4VL0R	650 nm (red)	3 mW	Max 1,5mt	<40 mA	2M
M4505A4VL0R	650 nm (red)	5 mW	Max 2mt	<40 mA	2M
M4701A4VL0R	670 nm (dark red)	1 mW	Max 1mt	<50 mA	2M
M4703A4VL0R	670 nm (dark red)	3 mW	Max 1,2mt	<50 mA	2M
M4705A4VL0R	670 nm (dark red)	5 mW	Max 1,5mt	<50 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. 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

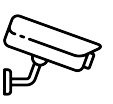
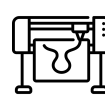
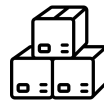
Series LT2B20



Battery powered point, cross, line, circle emitter

Ø20 mm laser pointer suitable for all mobile devices. Designed for the wood, stone and metal industries and for any other sector where a power supply is not available. Easily adaptable to croppers, drills, tile cutters, etc.

Our lasers are suitable for every application sector.



Laser beam emitter LT2B20 series



Type of projection: Dot

Supply voltage: Batteria 1,5 Vdc tipo AA

Connection: Cableless

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x190 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N6301EXV00	635 nm (bright red)	1 mW	<130 mA	2
N6303EXV00	635 nm (bright red)	3 mW	<130 mA	3R
N6305EXV00	635 nm (bright red)	5 mW	<130 mA	3R
N6501EXV00	650 nm (red)	1 mW	<130 mA	2
N6503EXV00	650 nm (red)	3 mW	<130 mA	3R
N6505EXV00	650 nm (red)	5 mW	<130 mA	3R
N6701EXV00	670 nm (dark red)	1 mW	<130 mA	2
N6703EXV00	670 nm (dark red)	3 mW	<130 mA	3R
N6705EXV00	670 nm (dark red)	5 mW	<130 mA	3R

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Operating time for a battery: approx 8 hours. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. Other optical projections available on request

Laser beam emitter LT2B20/CG series



Type of projection: Circle

Supply voltage: Batteria 1,5 Vdc tipo AA

Connection: Cableless

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x190 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N6301EXVC0	635 nm (bright red)	1 mW	<130 mA	2
N6303EXVC0	635 nm (bright red)	3 mW	<130 mA	2M
N6305EXVC0	635 nm (bright red)	5 mW	<130 mA	2M
N6501EXVC0	650 nm (red)	1 mW	<130 mA	2
N6503EXVC0	650 nm (red)	3 mW	<130 mA	2M
N6505EXVC0	650 nm (red)	5 mW	<130 mA	2M
N6701EXVC0	670 nm (dark red)	1 mW	<130 mA	2
N6703EXVC0	670 nm (dark red)	3 mW	<130 mA	2M
N6705EXVC0	670 nm (dark red)	5 mW	<130 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Operating time for a battery: approx 8 hours. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. Other optical projections available on request

Cutting guide line laser LT2B20/LG series



Type of projection: Line

Supply voltage: Batteria 1,5 Vdc tipo AA

Connection: Cableless

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x190 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N6301EXVLO	635 nm (bright red)	1 mW	Max 1,5mt	<130 mA	2
N6303EXVLO	635 nm (bright red)	3 mW	Max 2mt	<130 mA	2M
N6305EXVLO	635 nm (bright red)	5 mW	Max 2,5mt	<130 mA	2M
N6501EXVLO	650 nm (red)	1 mW	Max 1mt	<130 mA	2
N6503EXVLO	650 nm (red)	3 mW	Max 1,5mt	<130 mA	2M
N6505EXVLO	650 nm (red)	5 mW	Max 2mt	<130 mA	2M
N6701EXVLO	670 nm (dark red)	1 mW	Max 1mt	<130 mA	2
N6703EXVLO	670 nm (dark red)	3 mW	Max 1,2mt	<130 mA	2M
N6705EXVLO	670 nm (dark red)	5 mW	Max 1,5mt	<130 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Operating time for a battery: approx 8 hours. 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

Laser beam emitter LT2B20/XG series



Type of projection: Cross

Supply voltage: Batteria 1,5 Vdc tipo AA

Connection: Cableless

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x190 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
N6301EXVX0	635 nm (bright red)	1 mW	<130 mA	2
N6303EXVX0	635 nm (bright red)	3 mW	<130 mA	2M
N6305EXVX0	635 nm (bright red)	5 mW	<130 mA	2M
N6501EXVX0	650 nm (red)	1 mW	<130 mA	2
N6503EXVX0	650 nm (red)	3 mW	<130 mA	2M
N6505EXVX0	650 nm (red)	5 mW	<130 mA	2M
N6701EXVX0	670 nm (dark red)	1 mW	<130 mA	2
N6703EXVX0	670 nm (dark red)	3 mW	<130 mA	2M
N6705EXVX0	670 nm (dark red)	5 mW	<130 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Operating time for a battery: approx 8 hours. For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

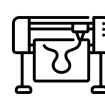
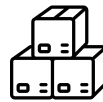
Series LT1S20CR



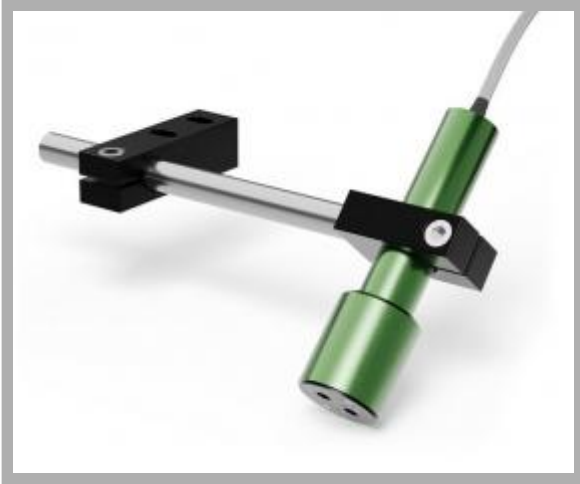
Compact large cross emitter

This laser is used in a variety of industries such as textiles for aligning checked, striped textiles, etc., in wood and stone for aligning marble or granite panels and slabs, and in any other industry where 90° alignment is required.

Our lasers are suitable for every application sector.



Positioning and cutting guide laser LT1S20CR series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20/30x110 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M5301A2VX0	635 nm (bright red)	1 mW	<80 mA	2
M5303A2VX0	635 nm (bright red)	3 mW	<80 mA	2M
M5305A2VX0	635 nm (bright red)	5 mW	<80 mA	2M
M5310A2VX0	635 nm (bright red)	10 mW	<100 mA	2M
M5501A2VX0	650 nm (red)	1 mW	<60mW	2
M5503A2VX0	650 nm (red)	3 mW	<60mW	2M
M5505A2VX0	650 nm (red)	5 mW	<60mW	2M
M5701A2VX0	670 nm (dark red)	1 mW	<80 mA	2
M5703A2VX0	670 nm (dark red)	3 mW	<80 mA	2M
M5705A2VX0	670 nm (dark red)	5 mW	<80 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross has a total wide of mm 1800 at a distance of mm 1000 from the emission point, perpendicularly to laser beam.

Positioning and cutting guide laser LT1S20CR series



Type of projection: Cross

Supply voltage: 5 Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20/30x125 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M5301A4VX0	635 nm (bright red)	1 mW	<80 mA	2
M5303A4VX0	635 nm (bright red)	3 mW	<80 mA	2M
M5305A4VX0	635 nm (bright red)	5 mW	<80 mA	2M
M5310A4VX0	635 nm (bright red)	10 mW	<100 mA	2M
M5501A4VX0	650 nm (red)	1 mW	<60mW	2
M5503A4VX0	650 nm (red)	3 mW	<60mW	2M
M5505A4VX0	650 nm (red)	5 mW	<60mW	2M
M5701A4VX0	670 nm (dark red)	1 mW	<80 mA	2
M5703A4VX0	670 nm (dark red)	3 mW	<80 mA	2M
M5705A4VX0	670 nm (dark red)	5 mW	<80 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross has a total wide of mm 1800 at a distance of mm 1000 from the emission point, perpendicularly to laser beam.

Positioning and cutting guide laser LT1S20CR series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20/30x110 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M5301B2VX0	635 nm (bright red)	1 mW	<40 mA	2
M5303B2VX0	635 nm (bright red)	3 mW	<40 mA	2M
M5305B2VX0	635 nm (bright red)	5 mW	<40 mA	2M
M5310B2VX0	635 nm (bright red)	10 mW	<40 mA	2M
M5501B2VX0	650 nm (red)	1 mW	<40 mA	2
M5503B2VX0	650 nm (red)	3 mW	<40 mA	2M
M5505B2VX0	650 nm (red)	5 mW	<40 mA	2M
M5701B2VX0	670 nm (dark red)	1 mW	<40 mA	2
M5703B2VX0	670 nm (dark red)	3 mW	<40 mA	2M
M5705B2VX0	670 nm (dark red)	5 mW	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross has a total wide of mm 1800 at a distance of mm 1000 from the emission point, perpendicularly to laser beam.

Positioning and cutting guide laser LT1S20CR series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20/30x125 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Operating current	Laser class
M5301B4VX0	635 nm (bright red)	1 mW	<40 mA	2
M5303B4VX0	635 nm (bright red)	3 mW	<40 mA	2M
M5305B4VX0	635 nm (bright red)	5 mW	<40 mA	2M
M5310B4VX0	635 nm (bright red)	10 mW	<40 mA	2M
M5501B4VX0	650 nm (red)	1 mW	<40 mA	2
M5503B4VX0	650 nm (red)	3 mW	<40 mA	2M
M5505B4VX0	650 nm (red)	5 mW	<40 mA	2M
M5701B4VX0	670 nm (dark red)	1 mW	<40 mA	2
M5703B4VX0	670 nm (dark red)	3 mW	<40 mA	2M
M5705B4VX0	670 nm (dark red)	5 mW	<40 mA	2M

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross has a total wide of mm 1800 at a distance of mm 1000 from the emission point, perpendicularly to laser beam.

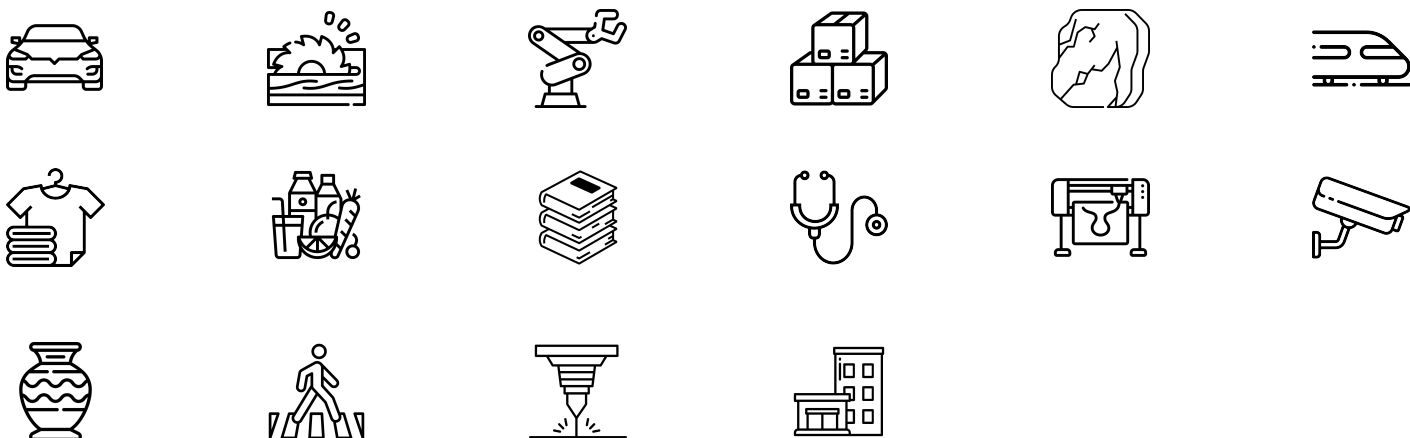
Series LT2V20



Compact and powerful green light emitter for marking cutting lines and many other optical projections

Ø20 mm laser pointer for industrial use. Designed for multi-blade woodworking machines, paper and textile cutters, for positioning and aligning plastic, rubber etc. workpieces in production lines, as well as for marking cutting lines or as an image processing aid. Its green light beam can be combined with a wide range of optics generating points, lines, circles, crosses and other figures to meet every requirement. Available with various power supplies and trigger control.

Our lasers are suitable for every application sector.



Green laser beam emitter L2V20 series



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B2V00	520 nm (bright green)	1 mW	<90 mA	2
M4V05B2V00	520 nm (bright green)	5 mW	<90 mA	3R
M4V10B2V00	520 nm (bright green)	10 mW	<150 mA	3B
M4V20B2V00	520 nm (bright green)	20 mW	<190 mA	3B
M4V30B2V00	520 nm (bright green)	30 mW	<190 mA	3B
M4V40B2V00	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B2V00	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Green laser beam emitter L2V20 series



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B4V00	520 nm (bright green)	1 mW	<90 mA	2
M4V05B4V00	520 nm (bright green)	5 mW	<90 mA	3R
M4V10B4V00	520 nm (bright green)	10 mW	<150 mA	3B
M4V20B4V00	520 nm (bright green)	20 mW	<190 mA	3B
M4V30B4V00	520 nm (bright green)	30 mW	<190 mA	3B
M4V40B4V00	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B4V00	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Green laser beam emitter L2V20 series



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01L4V00	520 nm (bright green)	1 mW	<90 mA	2
M4V05L4V00	520 nm (bright green)	5 mW	<90 mA	3R
M4V10L4V00	520 nm (bright green)	10 mW	<150 mA	3B
M4V20L4V00	520 nm (bright green)	20 mW	<190 mA	3B
M4V30L4V00	520 nm (bright green)	30 mW	<190 mA	3B
M4V40L4V00	520 nm (bright green)	40 mW	<210 mA	3B
M4V50L4V00	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000 .Other optical projections available on request

Green laser beam emitter L2V20/CG series



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01L4VC0	520 nm (bright green)	1 mW	<90 mA	2
M4V05L4VC0	520 nm (bright green)	5 mW	<90 mA	2M
M4V10L4VC0	520 nm (bright green)	10 mW	<150 mA	2M
M4V20L4VC0	520 nm (bright green)	20 mW	<190 mA	2M
M4V30L4VC0	520 nm (bright green)	30 mW	<190 mA	2M
M4V40L4VC0	520 nm (bright green)	40 mW	<210 mA	3B
M4V50L4VC0	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Green laser beam emitter L2V20/CG series



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B4VC0	520 nm (bright green)	1 mW	<90 mA	2
M4V05B4VC0	520 nm (bright green)	5 mW	<90 mA	2M
M4V10B4VC0	520 nm (bright green)	10 mW	<150 mA	2M
M4V20B4VC0	520 nm (bright green)	20 mW	<190 mA	2M
M4V30B4VC0	520 nm (bright green)	30 mW	<190 mA	2M
M4V40B4VC0	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B4VC0	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Green laser beam emitter L2V20/CG series



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B2VC0	520 nm (bright green)	1 mW	<90 mA	2
M4V05B2VC0	520 nm (bright green)	5 mW	<90 mA	2M
M4V10B2VC0	520 nm (bright green)	10 mW	<150 mA	2M
M4V20B2VC0	520 nm (bright green)	20 mW	<190 mA	2M
M4V30B2VC0	520 nm (bright green)	30 mW	<190 mA	2M
M4V40B2VC0	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B2VC0	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available. .Other optical projections available on request

Green laser beam emitter L2V20/XG series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01L4VX0	520 nm (bright green)	1 mW	<90 mA	2
M4V05L4VX0	520 nm (bright green)	5 mW	<90 mA	3R
M4V10L4VX0	520 nm (bright green)	10 mW	<150 mA	3B
M4V20L4VX0	520 nm (bright green)	20 mW	<190 mA	3B
M4V30L4VX0	520 nm (bright green)	30 mW	<190 mA	3B
M4V40L4VX0	520 nm (bright green)	40 mW	<210 mA	3B
M4V50L4VX0	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Green laser beam emitter L2V20/XG series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B4VX0	520 nm (bright green)	1 mW	<90 mA	2
M4V05B4VX0	520 nm (bright green)	5 mW	<90 mA	2M
M4V10B4VX0	520 nm (bright green)	10 mW	<150 mA	2M
M4V20B4VX0	520 nm (bright green)	20 mW	<190 mA	2M
M4V30B4VX0	520 nm (bright green)	30 mW	<190 mA	2M
M4V40B4VX0	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B4VX0	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Green laser beam emitter L2V20/XG series



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B2VX0	520 nm (bright green)	1 mW	<90 mA	2
M4V05B2VX0	520 nm (bright green)	5 mW	<90 mA	2M
M4V10B2VX0	520 nm (bright green)	10 mW	<150 mA	2M
M4V20B2VX0	520 nm (bright green)	20 mW	<190 mA	2M
M4V30B2VX0	520 nm (bright green)	30 mW	<190 mA	2M
M4V40B2VX0	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B2VX0	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

For better use you have to specify the focus distance. If not specified, emitter is focused for mm 2000. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Cutting guide green line laser LT2V20/LG series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4V01L4VL0	520 nm (bright green)	1 mW	Max 2,5mt	<90 mA	2
M4V05L4VL0	520 nm (bright green)	5 mW	Max 4mt	<90 mA	3R
M4V10L4VL0	520 nm (bright green)	10 mW	Max 6mt	<150 mA	3B
M4V20L4VL0	520 nm (bright green)	20 mW	Max 10mt	<190 mA	3B
M4V30L4VL0	520 nm (bright green)	30 mW	Max 12mt	<190 mA	3B
M4V40L4VL0	520 nm (bright green)	40 mW	Max 16mt	<210 mA	3B
M4V50L4VL0	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Cutting guide green line laser LT2V20/LG series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x145 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4V01B4VL0	520 nm (bright green)	1 mW	Max 2,5mt	<90 mA	2
M4V05B4VL0	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
M4V10B4VL0	520 nm (bright green)	10 mW	Max 6mt	<150 mA	2M
M4V20B4VL0	520 nm (bright green)	20 mW	Max 10mt	<190 mA	2M
M4V30B4VL0	520 nm (bright green)	30 mW	Max 12mt	<190 mA	2M
M4V40B4VL0	520 nm (bright green)	40 mW	Max 16mt	<210 mA	3B
M4V50B4VL0	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Cutting guide green line laser LT2V20/LG series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: Cable 2x0,25 cm 200

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x130 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4V01B2VL0	520 nm (bright green)	1 mW	Max 2,5mt	<90 mA	2
M4V05B2VL0	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
M4V10B2VL0	520 nm (bright green)	10 mW	Max 6mt	<150 mA	2M
M4V20B2VL0	520 nm (bright green)	20 mW	Max 10mt	<190 mA	2M
M4V30B2VL0	520 nm (bright green)	30 mW	Max 12mt	<190 mA	2M
M4V40B2VL0	520 nm (bright green)	40 mW	Max 16mt	<210 mA	3B
M4V50B2VL0	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

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

Series LT2V20 - ADJUSTABLE FOCUS



Compact and powerful green light adjustable emitter for points, crosses, circles and marker lines

New Ø20 mm green light emitter. A rotating steel bezel allows the laser beam to be focused at any distance. Designed for industrial use for positioning, marking cutting lines or image processing. Its bright green light beam can be combined with a wide range of optical projections to meet every requirement. Available with various power supplies and trigger control.

Our lasers are suitable for every application sector.



Green laser beam emitter LT2V20 series, adjustable focus



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B4V00R	520 nm (bright green)	1 mW	<90 mA	2
M4V05B4V00R	520 nm (bright green)	5 mW	<90 mA	3R
M4V10B4V00R	520 nm (bright green)	10 mW	<150 mA	3B
M4V20B4V00R	520 nm (bright green)	20 mW	<190 mA	3B
M4V30B4V00R	520 nm (bright green)	30 mW	<190 mA	3B
M4V40B4V00R	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B4V00R	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt .Other optical projections available on request

Green laser beam emitter LT2V20 series, adjustable focus



Type of projection: Dot

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01L4V00R	520 nm (bright green)	1 mW	<90 mA	2
M4V05L4V00R	520 nm (bright green)	5 mW	<90 mA	3R
M4V10L4V00R	520 nm (bright green)	10 mW	<150 mA	3B
M4V20L4V00R	520 nm (bright green)	20 mW	<190 mA	3B
M4V30L4V00R	520 nm (bright green)	30 mW	<190 mA	3B
M4V40L4V00R	520 nm (bright green)	40 mW	<210 mA	3B
M4V50L4V00R	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt .Other optical projections available on request

Cutting guide green line laser LT2V20/LG series, adjustable focus



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4V01B4VL0R	520 nm (bright green)	1 mW	Max 2,5mt	<90 mA	2
M4V05B4VL0R	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
M4V10B4VL0R	520 nm (bright green)	10 mW	Max 6mt	<150 mA	2M
M4V20B4VL0R	520 nm (bright green)	20 mW	Max 10mt	<190 mA	2M
M4V30B4VL0R	520 nm (bright green)	30 mW	Max 12mt	<190 mA	2M
M4V40B4VL0R	520 nm (bright green)	40 mW	Max 16mt	<210 mA	3B
M4V50B4VL0R	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. 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

Cutting guide green line laser LT2V20/LG series, adjustable focus



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
M4V01L4VL0R	520 nm (bright green)	1 mW	Max 2,5mt	<90 mA	2
M4V05L4VL0R	520 nm (bright green)	5 mW	Max 4mt	<90 mA	3R
M4V10L4VL0R	520 nm (bright green)	10 mW	Max 6mt	<150 mA	3B
M4V20L4VL0R	520 nm (bright green)	20 mW	Max 10mt	<190 mA	3B
M4V30L4VL0R	520 nm (bright green)	30 mW	Max 12mt	<190 mA	3B
M4V40L4VL0R	520 nm (bright green)	40 mW	Max 16mt	<210 mA	3B
M4V50L4VL0R	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. 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

Green laser beam emitter LT2V20/CG series, adjustable focus



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01L4VC0R	520 nm (bright green)	1 mW	<90 mA	2
M4V05L4VC0R	520 nm (bright green)	5 mW	<90 mA	2M
M4V10L4VC0R	520 nm (bright green)	10 mW	<150 mA	2M
M4V20L4VC0R	520 nm (bright green)	20 mW	<190 mA	2M
M4V30L4VC0R	520 nm (bright green)	30 mW	<190 mA	2M
M4V40L4VC0R	520 nm (bright green)	40 mW	<210 mA	3B
M4V50L4VC0R	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available.
.Other optical projections available on request

Green laser beam emitter LT2V20/CG series, adjustable focus



Type of projection: Circle

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B4VC0R	520 nm (bright green)	1 mW	<90 mA	2
M4V05B4VC0R	520 nm (bright green)	5 mW	<90 mA	2M
M4V10B4VC0R	520 nm (bright green)	10 mW	<150 mA	2M
M4V20B4VC0R	520 nm (bright green)	20 mW	<190 mA	2M
M4V30B4VC0R	520 nm (bright green)	30 mW	<190 mA	2M
M4V40B4VC0R	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B4VC0R	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The circle (spread 3°) has a central dot and a diameter of mm 40 at a distance of mm 1000 from the emission point. Circle lenses with spread 3°, 4°, 34°, 45° available.
.Other optical projections available on request

Green laser beam emitter LT2V20/XG series, adjustable focus



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01L4VX0R	520 nm (bright green)	1 mW	<90 mA	2
M4V05L4VX0R	520 nm (bright green)	5 mW	<90 mA	3R
M4V10L4VX0R	520 nm (bright green)	10 mW	<150 mA	3B
M4V20L4VX0R	520 nm (bright green)	20 mW	<190 mA	3B
M4V30L4VX0R	520 nm (bright green)	30 mW	<190 mA	3B
M4V40L4VX0R	520 nm (bright green)	40 mW	<210 mA	3B
M4V50L4VX0R	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

Green laser beam emitter LT2V20/XG series, adjustable focus



Type of projection: Cross

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 20x135 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Operating current	Laser class
M4V01B4VX0R	520 nm (bright green)	1 mW	<90 mA	2
M4V05B4VX0R	520 nm (bright green)	5 mW	<90 mA	2M
M4V10B4VX0R	520 nm (bright green)	10 mW	<150 mA	2M
M4V20B4VX0R	520 nm (bright green)	20 mW	<190 mA	2M
M4V30B4VX0R	520 nm (bright green)	30 mW	<190 mA	2M
M4V40B4VX0R	520 nm (bright green)	40 mW	<210 mA	3B
M4V50B4VX0R	520 nm (bright green)	50 mW	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

Focal length and the projected figure thickness are manually adjustable with the steel ring from ? 50mm to 20mt. The cross (spread 10°) has a total wide of mm 160 at a distance of mm 1000 from the emission point, perpendicularly to laser beam. Cross lenses with spread 2°, 5°, 10°, 25°, 30°, 45°, 75° available. .Other optical projections available on request

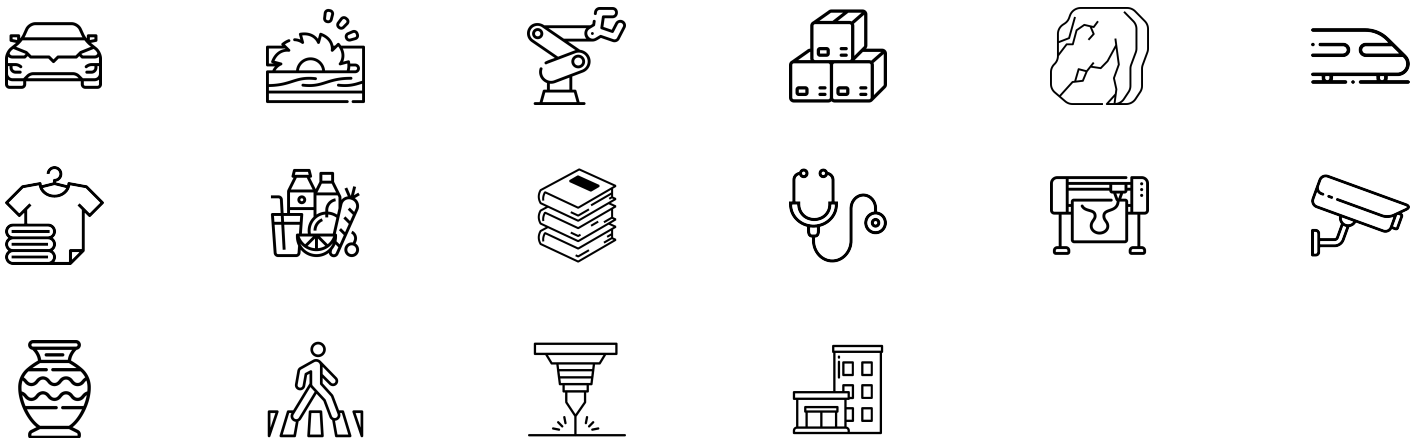
Series SCHREINER/S



Classic powerful marker with red light

Ø50 mm laser used in the wood industry to project long, bright lines in combination with log saw machinery, in the marble industry to facilitate cutting in bridge saws and for many applications in the textile industry, such as leather and textile processing. This series of lasers is also available with a lateral line output and is used in cutters and press brakes. Power up to 80mW.

Our lasers are suitable for every application sector.



Cutting guide line laser SCHREINER/S series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X230 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305B4VL0	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
SS310B4VL0	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
SS315B4VL0	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
SS320B4VL0	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
SS330B4VL0	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
SS340B4VL0	635 nm (bright red)	40 mW	Max 10mt	<110 mA	3B
SS350B4VL0	635 nm (bright red)	50 mW	Max 11mt	<120 mA	3B
SS380B4VL0	635 nm (bright red)	80 mW	Max 15mt	<150 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser SCHREINER/S series



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X230 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305L4VL0	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
SS310L4VL0	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
SS315L4VL0	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
SS320L4VL0	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
SS330L4VL0	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
SS340L4VL0	635 nm (bright red)	40 mW	Max 10mt	<110 mA	3B
SS350L4VL0	635 nm (bright red)	50 mW	Max 11mt	<120 mA	3B
SS380L4VL0	635 nm (bright red)	80 mW	Max 15mt	<150 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser SCHREINER/S series



Type of projection: Line

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 without plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X220 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305C7VL0	635 nm (bright red)	5 mW	Max 2,5mt	<900 mA	2M
SS310C7VL0	635 nm (bright red)	10 mW	Max 5mt	<900 mA	2M
SS315C7VL0	635 nm (bright red)	15 mW	Max 6mt	<900 mA	2M
SS320C7VL0	635 nm (bright red)	20 mW	Max 7mt	<900 mA	2M
SS330C7VL0	635 nm (bright red)	30 mW	Max 9mt	<900 mA	2M
SS340C7VL0	635 nm (bright red)	40 mW	Max 10mt	<900 mA	3B
SS350C7VL0	635 nm (bright red)	50 mW	Max 11mt	<900 mA	3B
SS380C7VL0	635 nm (bright red)	80 mW	Max 15mt	<900 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser SCHREINER/S series



Type of projection: Line

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 with schuco plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X220 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305C8VL0	635 nm (bright red)	5 mW	Max 2,5mt	<900 mA	2M
SS310C8VL0	635 nm (bright red)	10 mW	Max 5mt	<900 mA	2M
SS315C8VL0	635 nm (bright red)	15 mW	Max 6mt	<900 mA	2M
SS320C8VL0	635 nm (bright red)	20 mW	Max 7mt	<900 mA	2M
SS330C8VL0	635 nm (bright red)	30 mW	Max 9mt	<900 mA	2M
SS340C8VL0	635 nm (bright red)	40 mW	Max 10mt	<900 mA	3B
SS350C8VL0	635 nm (bright red)	50 mW	Max 11mt	<900 mA	3B
SS380C8VL0	635 nm (bright red)	80 mW	Max 15mt	<900 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser SCHREINER/S (red light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 with schuco plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X250 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305C8VL9	635 nm (bright red)	5 mW	Max 2,5mt	<900 mA	2M
SS310C8VL9	635 nm (bright red)	10 mW	Max 5mt	<900 mA	2M
SS315C8VL9	635 nm (bright red)	15 mW	Max 6mt	<900 mA	2M
SS320C8VL9	635 nm (bright red)	20 mW	Max 7mt	<900 mA	2M
SS330C8VL9	635 nm (bright red)	30 mW	Max 9mt	<900 mA	2M
SS340C8VL9	635 nm (bright red)	40 mW	Max 10mt	<900 mA	3B
SS350C8VL9	635 nm (bright red)	50 mW	Max 11mt	<900 mA	3B
SS380C8VL9	635 nm (bright red)	80 mW	Max 15mt	<900 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

Cutting guide line laser SCHREINER/S (red light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 without plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X250 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305C7VL9	635 nm (bright red)	5 mW	Max 2,5mt	<900 mA	2M
SS310C7VL9	635 nm (bright red)	10 mW	Max 5mt	<900 mA	2M
SS315C7VL9	635 nm (bright red)	15 mW	Max 6mt	<900 mA	2M
SS320C7VL9	635 nm (bright red)	20 mW	Max 7mt	<900 mA	2M
SS330C7VL9	635 nm (bright red)	30 mW	Max 9mt	<900 mA	2M
SS340C7VL9	635 nm (bright red)	40 mW	Max 10mt	<900 mA	3B
SS350C7VL9	635 nm (bright red)	50 mW	Max 11mt	<900 mA	3B
SS380C7VL9	635 nm (bright red)	80 mW	Max 15mt	<900 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

Cutting guide line laser SCHREINER/S (red light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X255 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305L4VL9	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
SS310L4VL9	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
SS315L4VL9	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
SS320L4VL9	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
SS330L4VL9	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
SS340L4VL9	635 nm (bright red)	40 mW	Max 10mt	<110 mA	3B
SS350L4VL9	635 nm (bright red)	50 mW	Max 11mt	<120 mA	3B
SS380L4VL9	635 nm (bright red)	80 mW	Max 15mt	<150 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

Cutting guide line laser SCHREINER/S (red light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X255 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -10 +50 °C / 14 +122 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
SS305B4VL9	635 nm (bright red)	5 mW	Max 2,5mt	<30 mA	2M
SS310B4VL9	635 nm (bright red)	10 mW	Max 5mt	<60 mA	2M
SS315B4VL9	635 nm (bright red)	15 mW	Max 6mt	<80 mA	2M
SS320B4VL9	635 nm (bright red)	20 mW	Max 7mt	<80 mA	2M
SS330B4VL9	635 nm (bright red)	30 mW	Max 9mt	<110 mA	2M
SS340B4VL9	635 nm (bright red)	40 mW	Max 10mt	<110 mA	3B
SS350B4VL9	635 nm (bright red)	50 mW	Max 11mt	<120 mA	3B
SS380B4VL9	635 nm (bright red)	80 mW	Max 15mt	<150 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

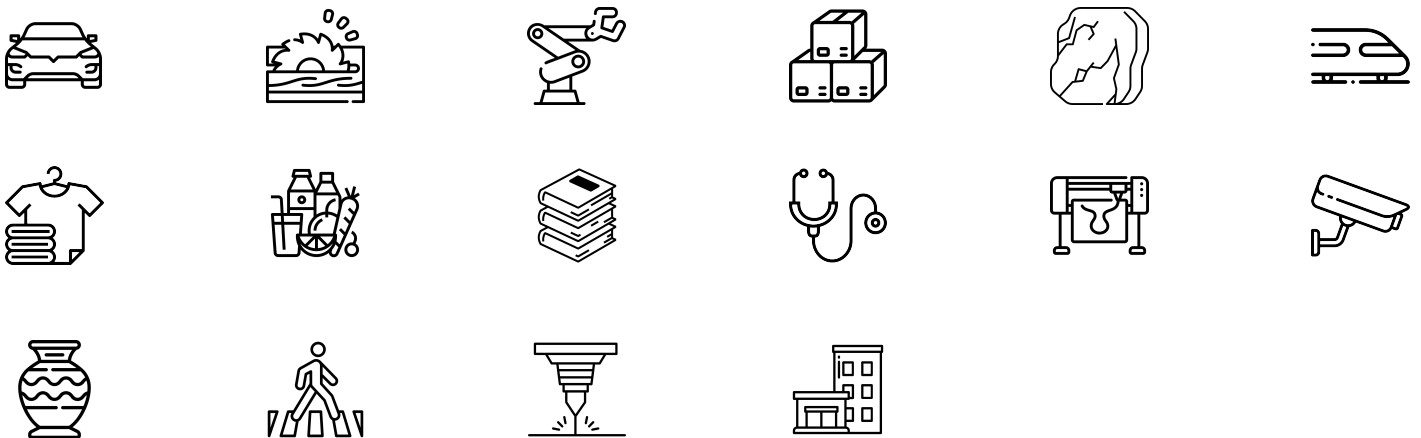
Series LT2V50



Robust, powerful marker with bright green light

Ø50 mm laser used in the wood industry to project long, bright lines in combination with log saw machinery, in the marble industry to facilitate cutting in bridge saws and for many applications in the textile industry, such as leather and textile processing. This series of lasers is also available with a lateral line output and is used in cutters and press brakes. Power up to 80mW

Our lasers are suitable for every application sector.



Cutting guide line laser LT2V50/LG series (green light)



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X230 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05B4VL0	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
N7V10B4VL0	520 nm (bright green)	10 mW	Max 6mt	<90 mA	2M
N7V20B4VL0	520 nm (bright green)	20 mW	Max 10mt	<120 mA	2M
N7V30B4VL0	520 nm (bright green)	30 mW	Max 12mt	<150 mA	2M
N7V40B4VL0	520 nm (bright green)	40 mW	Max 16mt	<180 mA	3B
N7V50B4VL0	520 nm (bright green)	50 mW	Max 18mt	<210 mA	3B
N7V80B4VL0	520 nm (bright green)	80 mW	Max 20mt	<250 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser LT2V50/LG series (green light)



Type of projection: Line

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X230 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05L4VL0	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
N7V10L4VL0	520 nm (bright green)	10 mW	Max 6mt	<90 mA	2M
N7V20L4VL0	520 nm (bright green)	20 mW	Max 10mt	<120 mA	2M
N7V30L4VL0	520 nm (bright green)	30 mW	Max 12mt	<150 mA	2M
N7V40L4VL0	520 nm (bright green)	40 mW	Max 16mt	<180 mA	3B
N7V50L4VL0	520 nm (bright green)	50 mW	Max 18mt	<210 mA	3B
N7V80L4VL0	520 nm (bright green)	80 mW	Max 20mt	<250 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser LT2V50/LG series (green light)



Type of projection: Line

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 without plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X220 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05C7VL0	520 nm (bright green)	5 mW	Max 4mt	<300 mA	2M
N7V10C7VL0	520 nm (bright green)	10 mW	Max 6mt	<300 mA	2M
N7V20C7VL0	520 nm (bright green)	20 mW	Max 10mt	<300 mA	2M
N7V30C7VL0	520 nm (bright green)	30 mW	Max 12mt	<300 mA	2M
N7V40C7VL0	520 nm (bright green)	40 mW	Max 16mt	<300 mA	3B
N7V50C7VL0	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B
N7V80C7VL0	520 nm (bright green)	80 mW	Max 20mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser LT2V50/LG series (green light)



Type of projection: Line

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 with schuco plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X220 mm

Protection class: IP67

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05C8VL0	520 nm (bright green)	5 mW	Max 4mt	<300 mA	2M
N7V10C8VL0	520 nm (bright green)	10 mW	Max 6mt	<300 mA	2M
N7V20C8VL0	520 nm (bright green)	20 mW	Max 10mt	<300 mA	2M
N7V30C8VL0	520 nm (bright green)	30 mW	Max 12mt	<300 mA	2M
N7V40C8VL0	520 nm (bright green)	40 mW	Max 16mt	<300 mA	3B
N7V50C8VL0	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B
N7V80C8VL0	520 nm (bright green)	80 mW	Max 20mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

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

Cutting guide line laser LT2V50/LG series (green light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 with schuco plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X250 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05C8VL9	520 nm (bright green)	5 mW	Max 4mt	<300 mA	2M
N7V10C8VL9	520 nm (bright green)	10 mW	Max 6mt	<300 mA	2M
N7V20C8VL9	520 nm (bright green)	20 mW	Max 10mt	<300 mA	2M
N7V30C8VL9	520 nm (bright green)	30 mW	Max 12mt	<300 mA	2M
N7V40C8VL9	520 nm (bright green)	40 mW	Max 16mt	<300 mA	3B
N7V50C8VL9	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B
N7V80C8VL9	520 nm (bright green)	80 mW	Max 20mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

Cutting guide line laser LT2V50/LG series (green light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 80-265 Vac

Connection: Cable 3x0,75 cm 300 without plug

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X250 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05C7VL9	520 nm (bright green)	5 mW	Max 4mt	<300 mA	2M
N7V10C7VL9	520 nm (bright green)	10 mW	Max 6mt	<300 mA	2M
N7V20C7VL9	520 nm (bright green)	20 mW	Max 10mt	<300 mA	2M
N7V30C7VL9	520 nm (bright green)	30 mW	Max 12mt	<300 mA	2M
N7V40C7VL9	520 nm (bright green)	40 mW	Max 16mt	<300 mA	3B
N7V50C7VL9	520 nm (bright green)	50 mW	Max 18mt	<300 mA	3B
N7V80C7VL9	520 nm (bright green)	80 mW	Max 20mt	<300 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

Cutting guide line laser LT2V50/LG series (green light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X255 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05L4VL9	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
N7V10L4VL9	520 nm (bright green)	10 mW	Max 6mt	<90 mA	2M
N7V20L4VL9	520 nm (bright green)	20 mW	Max 10mt	<120 mA	2M
N7V30L4VL9	520 nm (bright green)	30 mW	Max 12mt	<150 mA	2M
N7V40L4VL9	520 nm (bright green)	40 mW	Max 16mt	<180 mA	3B
N7V50L4VL9	520 nm (bright green)	50 mW	Max 18mt	<210 mA	3B
N7V80L4VL9	520 nm (bright green)	80 mW	Max 20mt	<250 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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

Cutting guide line laser LT2V50/LG series (green light, side exit)



Type of projection: Perpendicular line exit

Supply voltage: 9-36 Vdc 10-30 Vac

Connection: M12 connector + cm 500 cable

Light source: Laser diode

Casing: Green anod.alum.

Dimension: 50X255 mm

Protection class: IP64

Storage temperature °C/°F: -40 +85 °C / -40 +185 °F

Operating temperature °C/°F: -20 +60 °C / -4 +140 °F

Code	Wavelength	Max output power	Linelength	Operating current	Laser class
N7V05B4VL9	520 nm (bright green)	5 mW	Max 4mt	<90 mA	2M
N7V10B4VL9	520 nm (bright green)	10 mW	Max 6mt	<90 mA	2M
N7V20B4VL9	520 nm (bright green)	20 mW	Max 10mt	<120 mA	2M
N7V30B4VL9	520 nm (bright green)	30 mW	Max 12mt	<150 mA	2M
N7V40B4VL9	520 nm (bright green)	40 mW	Max 16mt	<180 mA	3B
N7V50B4VL9	520 nm (bright green)	50 mW	Max 18mt	<210 mA	3B
N7V80B4VL9	520 nm (bright green)	80 mW	Max 20mt	<250 mA	3B

The lasers comply with the CEI EN 60825-1 standard, CEI 76-2 classification.

Note

The line generated by the laser beam lies on a plane which is perpendicular to the emitter device (90° angle as to the axis). 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



9A0000601

Stabilized power supplier, input 80-30Vac-Vdc, output 5Vdc, 1A DIN attachment



9A0000701

Stabilized power supplier input 85-265Vac, output 5Vdc, 600mA, schuco plug



9A0000702

Stabilized power supplier input 100-240Vac, output 24Vdc, 1,25A, 2 poles 10A plug



9A0000901

Stabilized power supplier input 100-240Vdc, output 5Vdc, 3A, DIN attachment



9A0000902

Stabilized power supplier input 100-240Vdc, output 24Vdc, 1A, DIN attachment



9PP2001N00

Dimming flap 20 mm diam, black



9PP5001N00

Dimming flap 50 mm diam, black



9SA2002A00

Inox rod diam mm 20x295, side milled, fixing holes (to be used with brackets 9SM2001N00 - 9SM5001N00)



9SF1401N00

Flexible support, M14x1 threaded, 180 mm length, black



9SF1402N00

Flexible support, M14x1 threaded, 280 mm length, black



9SI1101N00

Reclining bracket for 11 mm diam module, black



9SI1401N00

Reclining bracket for 14 mm diam module, black



9SI2001N00

Reclining bracket for 20 mm diam module, black



9SM2001N00

Horiz/vert twistable bracket for 20 mm diam module, black anod. alum., mountable on 20 mm diam rod



9SM2002N00

Adjustable bracket for 20 mm diam module, flat, black, 12 mm diam inox rod included



9SM5001N00

Horiz/vert twistable bracket for 50 mm diam module, black anod. alum., mountable on 20mm diam rod



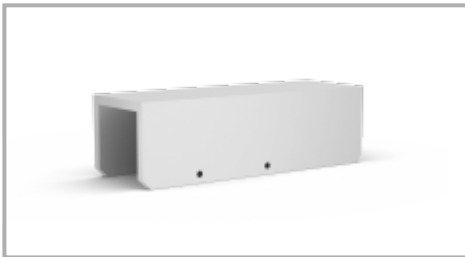
9SS1401N00

Ball-shaped head bracket for 14 mm diam module, black



9PT2001B00

Protection for 20 mm diam module - white



9PT5001B00

Protection for 50 mm diam module - white



9SB1401N00

Reduction bush for 14 mm diam module, black



Safety classes

CLASS 1

Laser Safety Classes Laser products that are safe in use, including direct and prolonged beam viewing, even when using telescopic optics. Class 1 laser devices, in the wavelength range between 400 nm and 700 nm, do not require any safety instruments or interlocks. For class 1 laser products, direct beam viewing may still cause temporary dazzling, especially in poorly lit environments.

CLASS 2

Laser products safe for momentary exposures. Eye protection is normally assured by natural aversion behaviour including blinking for a short exposure time (0.25s). Class 2 lasers may become hazardous in the event of direct and prolonged beam viewing. Class 2 laser devices, in the wavelength range between 400 nm and 700 nm, do not require any key switches or safety interlocks for operation. For class 2, unlike class 2M, the use of optical instruments does not increase the risk of eye injuries. Do not stare into the beam.

CLASS 2M

Normally safe laser products. Class 2M laser devices, in the wavelength range between 400 nm and 700 nm, do not require any key switches or safety devices for operation. Eye protection is normally assured by natural aversion behaviour including blinking for a short exposure time (0.25s). Direct viewing of class 2M laser devices using optics such as binoculars, telescopes, microscopes, etc. may be hazardous. Do not stare into the beam and/or view it using instruments.

CLASS 3R

The accessible radiation of class 3R laser products is potentially hazardous. Laser products that emit radiation which may exceed the MPE (maximum permissible exposure) under direct intrabeam viewing but the risk of injury is relatively low in most cases. Class 3R laser devices, in the wavelength range between 400 nm and 700 nm, do not require any key switches or safety devices for operation. Avoid direct eye exposure. Do not stare into the beam of optics (such as binoculars, telescopes, microscopes, etc.).

CLASS 3B

Laser products that are normally hazardous when directly viewing the beam (i.e. within the NOHD - Nominal Ocular Hazard Distance), including accidental short time exposure. Wear eye protection when directly viewing the beam. Viewing diffuse reflections is normally safe. The conditions for safely viewing diffuse reflections for class 3B lasers are: minimum viewing distance 13 cm for a maximum exposure time of 10 seconds. Every class 3B laser system must be fitted with a signalling device when the laser is in operation (The signalling device may be audible or visual).

LASERTECH[®]

— industrial laser pointers —

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