

The best choice for outdoor use with strong lighting and severe environmental conditions

The **BL-G Series** line laser with a high visibility green diode has been designed and manufactured for preferably outdoor placement, where ambient light conditions are particularly difficult.

BL-Green projects a highly concentrated and visible green reference line with lengths from 5 to over 30 meters depending on the power of the installed laser diode.

The various models have the option of being powered at 24Vdc with an M12/M connector or with a direct cable (220 Vac Internal) based on the specific needs of the Customer

The anodized aluminium body (IP67) with a diameter of 40 mm guarantees absolute protection of the laser diode, the electronic board and the anti-reflection optics.



Easy to instal



IP67 Protection



IK10



Laser Power
Up to 60mW



Reverse Polarity
protection

MAIN FEATURE

Projection:	Line
Water and dust-proof:	IP67
Shock-resistant:	IK10
Opening angles available for line:	30°, 40°, 60°, 90°(standard)
Fix optical focal length	Customer request

LASER TECHNICAL DATA

Laser type:	diode
Wavelength:	520 nm
Color:	Green
Divergence:	0,5mrad
Laser power:	from 5 to 60Mw
Class:	1, 2M, 3B
Diode Duration:	25.000 h

ELECTRIC TECHNICAL DATA

Voltage DC:	12/24Vdc
Voltage AC:	12/24Vac – 100/240Vac (Internal)* OPTIONAL
Reverse polarity protection:	YES
Power consumption:	< 200 mA
Connector:	M12/M – 4 pin - Direct cable with SHUKO* Optional
TTL Mode:	YES

HOUSING TECHNICAL DATA

Body:	Anodized Aluminium
Water-Dust protection:	IP67
Shock resistant:	IK10
Dimension:	Length 170mm X Ø 40 mm
Weight:	240 gr.
Operating conditions:	-10°C ... +40°C - < 95% UR

MODELS and CONFIGURATIONS AVAILABLE

LINE LASER

Laser Power	Model	Laser Class	Line Length* 90°
5mW	5BL-G-Line	1	Up to 4 mt
10mW	10BL-G-Line	1	Up to 6mt
15mW	15BL-G-Line	2	Up to 8mt
20mW	20BL-G-line	2	Up to 12mt
30mW	30BL-G-Line	2M	Up to 15mt
40mW	40BL-G-Line	3B	Up to 18mt
50mW	50BL-G-Line	3B	Up to 24 mt
60mW	60BL-G-Line	3B	Up to 28 mt

* measure with standard optics. Line length depends on ambient light, focal distance, and from the angle projection.