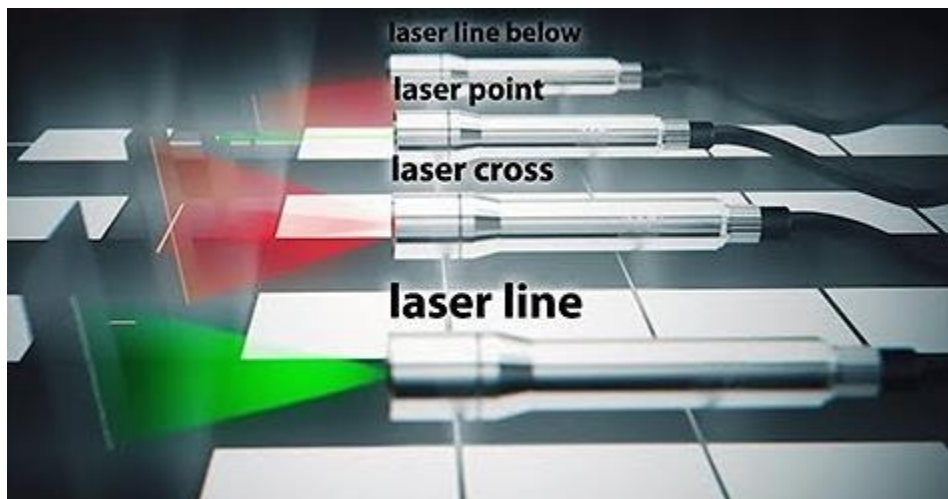


High Quality Industrial Lasers: RED / GREEN



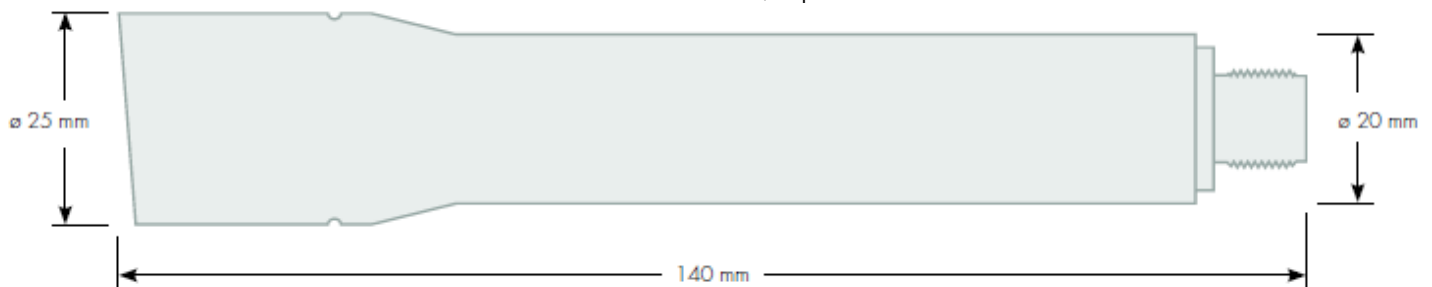
Designed for harsh environments with a SS housing, these visual lasers are waterproof & impact resistant (IK10).

FEATURES

- Manually focusable
- Point, Line, Cross
- Robust SS
- Protected from voltage variations
- Reverse polarity protected
- Available opening angles line: 10°, 20°, 30°, 40°, 80° (standard)
- Available opening angles cross: 38°, 62°(standard)

Technical data

- Laser type, Wavelength: Diode, 635 nm, red
- Power supply: 12 ... 30 V DC
- Application conditions: -10 ... +40 C, 35 ... 90 % rel. humidity, non-condensing
- Enclosure rating: IP 67
- Shock resistance: IK10
- Divergence: 0,5 mrad
- MTTF > 30.000 h at 25°C (635 ... 670 nm)
- Dimensions Length 140 mm, Ø 25 mm (front) /20 mm (back)
- Connector M12, 4-pol.



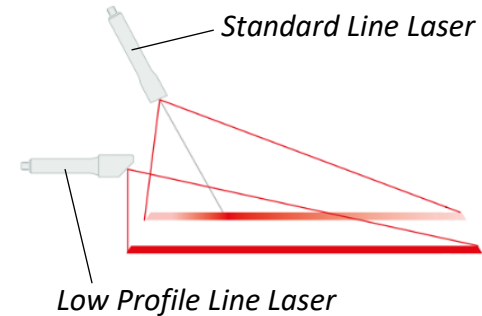
Laser Model Selection Tables

Line Lasers (RL#/GL#) — —				Low Profile Line Lasers Option (Side Mount) (LRL#/LGL#)		
Laser Power	Product	Laser Class*	Line Length**	Product	Laser Class*	Line Length**
1 mW	RL1/GL1	1	Up to 1 m (3.2 ft)	LRL1/LGL1	1	Up to 1 m (3.2 ft)
3 mW	RL2/GL2	1	Up to 2 m (6.5 ft)	LRL2/LGL2	1	Up to 2 m (6.5 ft)
5 mW	RL3/GL3	1	Up to 4 m (13.1 ft)	LRL3/LGL3	1	Up to 4 m (13.1 ft)
10 mW	RL4/GL4	2	Up to 6 m (19.7 ft)	LRL4/LGL4	1	Up to 6 m (19.7 ft)
15 mW***	RL5/GL5	2	Up to 10 m (32.8 ft)	LRL5/LGL5	1	Up to 10 m (32.8 ft)
30 mW***	RL6/GL6	2M	Up to 20 m (65.6 ft)	LRL6/LGL6	2	Up to 15 m (49.2 ft)
40 mW***	GL7	3R	Up to 30 m (98.4 ft)	LGL7	2	Up to 20 m (65.6 ft)

*standard fan angle is 80 degrees, other angles available (e.g. 10, 20, 30, 40). May change laser class.

**Line length depends on environment and laser positioning

***higher power lasers require mounting bracket or heatsink



Cross Lasers (RX#/GX#) + +			
Laser Power	Product	Laser Class*	Line Length at 1m distance**
1 mW	RX1/GX1	1	60 cm / 90 cm (23.6 in x 35.4 in)
3 mW	RX2/GX2	1	60 cm / 90 cm (23.6 in x 35.4 in)
5 mW	RX3/GX3	2	60 cm / 90 cm (23.6 in x 35.4 in)
10 mW***	RX4/GX4	2M/2	60 cm / 90 cm (23.6 in x 35.4 in)
15 mW***	RX5/GX5	2M/2	60 cm / 90 cm (23.6 in x 35.4 in)
30 mW***	RX6/GX6	2M	60 cm / 90 cm (23.6 in x 35.4 in)
40 mW***	GX7	2M	60 cm / 90 cm (23.6 in x 35.4 in)

*standard fan angle is 62 degrees, other angles available (e.g. 38). May change laser class.

**Line length depends on environment and laser positioning

***higher power lasers require mounting bracket or heatsink

Dot Lasers (RP#/GP#) ● ●		
Laser Power	Product	Laser Class
1 mW	RP1/GP1	2
3 mW	RP2/GP2	3R
5 mW	RP3/GP3	3R
10 mW	RP4/GP4	3B
15 mW***	RP5/GP5	3B
30 mW***	RP6/GP6	3B
40 mW***	GP7	3B

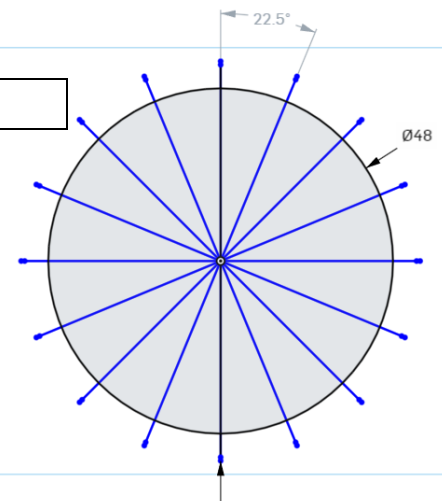
***higher power lasers require mounting bracket or heatsink

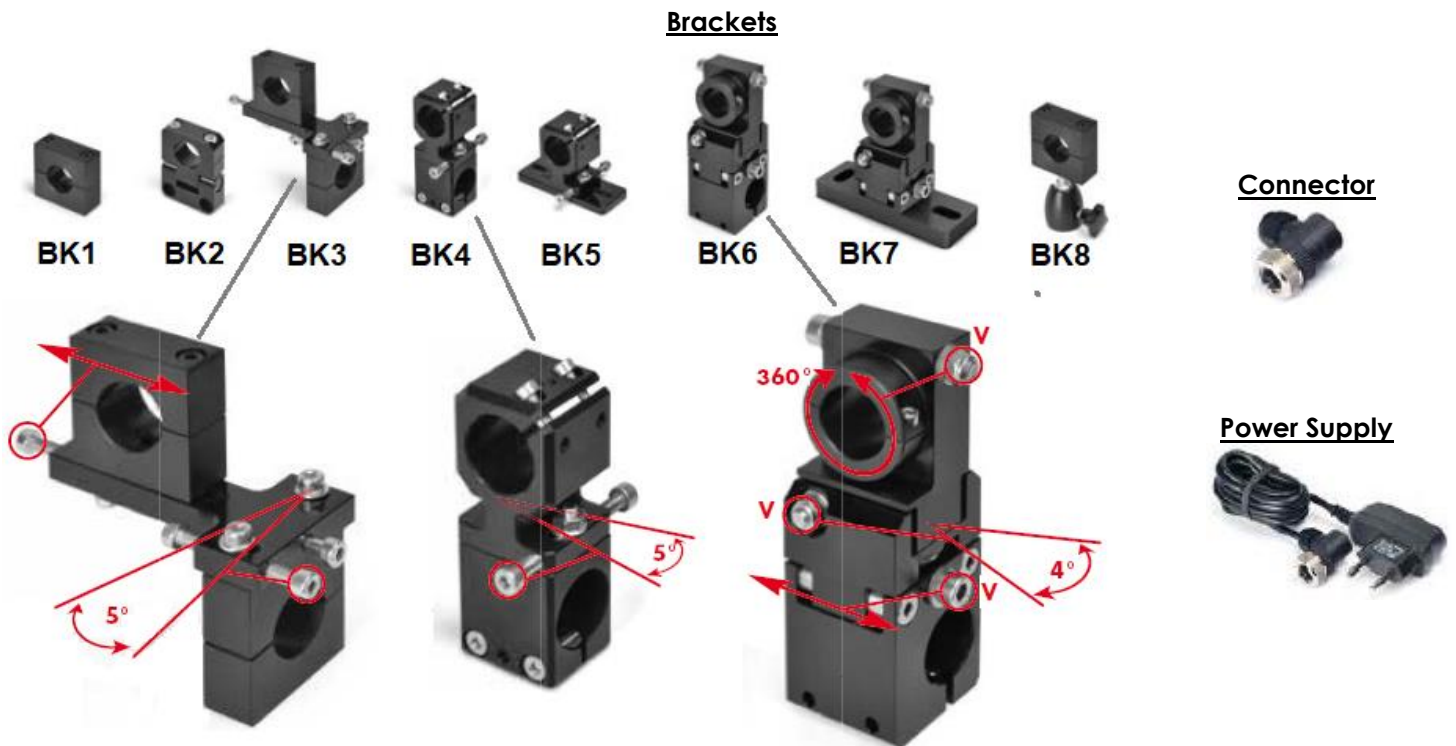
Applications:

- Sawmill cutting lines
- Roller, conveyor, sieve alignment
- Stone cutting alignment
- Manufacturing and Assembly
- General targeting and visual alignment

Custom Laser Patterns? – possibly! Send desired pattern info to sales@laser-brain.com

<https://www.lasersafetyfacts.com/laserclasses.html> (safety information for laser classes)





Other mounting options such as magnetic mounts, tilt plates, tripods available. Make it a kit!

Pictures of Green Laser line aimed from non-normal angle and 50 ft distance

