

TECHNICAL DATA

# PLS 3R, 3G, 5R, 5G Point Lasers



### Accuracy

Layout right the first time, every time. PLS 3R, 3G and the PLS 5R, 5G are accurate to  $\leq 1/8$  in at 30 ft. ( $\leq 3$  mm @ 10 m)



### Pendulum Lock

The PLS 3R, 3G and PLS 5R, 5G are equipped with a pendulum lock, ensuring safe transport and the ability to lock the laser level in tilt mode.



### IP54

IP 54 rating to limit dust and water entry for years of operation on the job site.



### Best-in-Class WARRANTY

YEAR

PLS laser levels are backed by a three-year best-in-class warranty, ensuring you don't lose any time on the job. If you experience issues with your PLS tools during the warranty period, except for obvious misuse or damage, your local dealer can provide you a same day replacement tool.

### Level. Layout. Build.<sup>™</sup>

The new PLS 3 and PLS 5 red and green laser levels offer the durability and precision you expect from PLS, a Fluke Company. Our new laser level platform offers a pendulum lock platform for safe transport and tilt mode functionality. The fast settling, self-leveling pendulum gives you accurate point and reference lines almost instantly.

## PRODUCT OVERVIEW

### All laser level models

- Accuracy:  $\leq 1/8$  in at 30 ft. ( $\leq 3$  mm @ 10 m)
- Durable pendulum lock platform.

### PLS 3R, PLS 3G

- This professional self-leveling three-point red and green laser level allows for fast, accurate layout of reference points and is excellent for steel stud framing, HVAC installation, electrical and residential construction.
- The PLS 3G green beam laser is up to three times brighter than the PLS 3R red beam, making it ideal for projects over longer distances or with lower lighting.
- Kit includes floor stand and L-bracket for fast, easy overhang and centerline measurements.

### PLS 5R, PLS 5G

- The PLS 5 is a self-leveling, five-point red and green laser level (plumb, level, and square horizontal and vertical points) equipped for multiple applications.
- Includes the PLS Pendulum Target for easy transfer of points to the floor during square alignment.
- Kit includes floor stand and L-bracket for fast, easy overhang and centerline measurements.

### PLS, The Professional Standard— Built by contractors for contractors

PLS lasers provide bright, crisp reference points and lines for quick and accurate layout. As the Professional Standard of laser levels, PLS tools were developed out of necessity by professional contractors with over 50 years of experience in commercial and residential interior and exterior layout. Now, as a Fluke Company, PLS has incorporated Fluke's high standards for accuracy, ruggedness, and dependability.



## Specifications

	PLS 3R, 3G	PLS 5R, 5G
<b>Battery</b>	3 x AA Alkaline IEC LR6	
<b>Battery Life, Continuous Use</b>		
Red	≥ 30 hours	≥ 20 hours
Green	≥ 16 hours	≥ 9 hours
<b>Point Laser Direction</b>	90° up, down, forward	90° up, down, left, right, forward
<b>Working Range</b>	≤ 30 m (100 ft.)	
<b>Accuracy</b>	≤ 3 mm @ 10 m (≤ 1/8 in at 30 ft.)	
<b>Laser Leveling</b>		
System	Automatic, Pendulum	
Range	4 °	
<b>Point Laser Diameter</b>	≤ 4 mm at 5 m	
<b>Temperature</b>		
Operating	-10 °C to 50 °C (14 °F to 122 °F)	
Storage		
With Batteries	-18 °C to 50 °C (-0.4 °F to 122 °F)	
Without Batteries	-20 °C to 70 °C (-13 °F to 158 °F)	
<b>Relative Humidity</b>	0 % to 90 % (0 °C to 35 °C) 0 % to 75 % (35 °C to 40 °C) 0 % to 45 % (40 °C to 50 °C)	
<b>Size (H x W x L)</b>	116 mm x 64 mm x 104 mm (4.6 in x 2.5 in x 4.1 in)	
<b>Weight</b>	~0.6 kg (1.3 lb.)	
<b>Safety</b>	IEC 61010-1: Pollution Degree 2	
<b>Laser</b>	IEC 60825-1:2014 Class 2	
Light Source	Semiconductor laser diode	
<b>Max Output Power</b>	< 1 mW	
<b>Wavelength</b>		
Red	635 nm ± 5 nm	
Green	525 nm ± 5 nm	
<b>Electromagnetic Compatibility (EMC)</b>		
International	IEC 61326-1: Basic Electromagnetic Environment CISPR 11: Group 1, Class B Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself. Class B: Equipment is suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes. Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object	
Korea (KCC)	Class B Equipment (Broadcast communications equipment for home)	
USA (FCC)	47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.	



PLS 3G (tripod not included)

## ORDERING INFORMATION

Laser Levels			
Part Number	SKU	Item Description	In the Box
5009340	PLS 3R Z	3-Point Red Laser Bare Tool	PLS 3R laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, Safety Sheet and Quick Reference Guide
5009357	PLS 3R KIT	3-Point Red Laser Kit	PLS 3R laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, PLS FS Floor Stand, PLS MLB Magnetic L-Bracket, PLS RRT4 Red Reflective Target, Safety Sheet and Quick Reference Guide
5009369	PLS 3G Z	3-Point Green Laser Bare Tool	PLS 3G laser level, PLS canvas pouch, PLS BP5 alkaline battery pack
5009378	PLS 3G KIT	3-Point Green Laser Kit	PLS 3G laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, PLS FS Floor Stand, PLS MLB Magnetic L-Bracket, PLS GRT4 Green Reflective Target, Safety Sheet and Quick Reference Guide
5009384	PLS 5R Z	5-Point Red Laser Bare Tool	PLS 5R laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, Safety Sheet and Quick Reference Guide
5009391	PLS 5R KIT	5-Point Red Laser Kit	PLS 5R laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, PLS FS Floor Stand, PLS MLB Magnetic L-Bracket, PLS PT Pendulum Target, PLS RRT4 Red Reflective Target, Safety Sheet and Quick Reference Guide
5009406	PLS 5G Z	5-Point Green Laser Bare Tool	PLS 5G laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, Safety Sheet and Quick Reference Guide
5009414	PLS 5G KIT	5-Point Green Laser Kit	PLS 5G laser level, PLS canvas pouch, PLS BP5 alkaline battery pack, PLS FS Floor Stand, PLS MLB Magnetic L-Bracket, PLS PT Pendulum Target, PLS GRT4 Green Reflective Target, Safety Sheet and Quick Reference Guide
Accessories			
5022887	PLS-60573	Canvas Pouch, PLS 3, 5, 6, 180	PLS Canvas Pouch
5031929	PLS FS	Floor Stand for PLS 3, 5, 6	PLS FS Floor Stand
5031934	PLS MLB	Magnetic L-Bracket, PLS 3, 5, 6, 180	PLS MLB Magnetic L-Bracket
5031952	PLS BP5	BP5 Alkaline Battery Pack	PLS BP5 Alkaline Battery Pack
5022629	PLS RRT4	Red Magnetic Reflective Target	RRT4 red reflective target
5022634	PLS GRT4	Green Magnetic Reflective Target	GRT4 green reflective target
4985124	PLS C18	Laser Level Tool Box	PLS C18 Laser Level Tool Box