

TECHNICAL DATA

PLS 3x360R and PLS 3x360G

Three-plane Laser Levels

More accurate and more functional.



Accuracy

PLS 3x360R, 3x360G is accurate to 5/64 in @ 33 ft (2mm @ 10m)



Pendulum lock

PLS 3x360 is 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.



Lithium-ion battery



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.™

Lighten your tool-belt with the 3x360 red and green laser levels. These versatile tools combine all of the best qualities of your favorite PLS gear, now with best-in-class accuracy and new features such as a rechargeable battery pack with charging adapter and a pendulum lock for added protection during transportation. You will also save time and trouble with handy accessories always included.

PRODUCT OVERVIEW

All laser level models

- Accuracy: 5/64 in @ 33 ft (2 mm @ 10 M)
- Pendulum lock
- Out-of-level warning
- Replaceable glass inserts and metal towers

PLS 3x360R, PLS 3x360G

- Plumb, level, and square with one tool. In fact, you get more than your standard laser level with three separate 360 degree fan angles.
- Kit includes unit, rechargeable battery pack, power supply and 3x360 magnetic L-bracket for corner bead hanging, elevation adjustment and micro-adjustment.
- No Systems. Additional accessories available.

PLS RBP5 Rechargeable Battery Pack

- Maximize your laser level operating time up to 3x and eliminate alkaline battery purchases

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.



Specifications

	PLS 3x360R	PLS 3x360G
Battery (RBP5)	Lithium-ion, 3.6 V, 5200 mAh	
Battery Life, Continuous Use (typical)	3 beams: ≥ 9 hours 1 beam: ≤ 30 hours	3 beams: ≥ 5 hours 1 beam: ≤ 17 hours
Line Fan Angle		
Horizontal	360°	
Front Vertical	360°	
Side Vertical	360°	
Working Range		
Without line detector	65 ft (20 M)	115 ft (35 M)
With line detector	165 ft (50 M)	210 ft (65 M)
Accuracy	± 5/64 in @ 33 ft (± 2 mm @ 10 M)	
Laser Leveling		
System	Automatic Pendulum	
Range	Self-leveling: ≤ 4° Out of self-leveling: > 6°	
Leveling time	≤ 3 sec	
Temperature		
Operating	14 °F to 122 °F (-10 °C to 50 °C)	
Storage		
With Battery	-4 °F to 122 °F (-20 °C to 50 °C)	
Without Battery	-13 °F to 158 °F (-25 °C to 70 °C)	
Relative Humidity	0 % RH to 90 % RH (0 °C to 35 °C) 0 % RH to 75 % RH (35 °C to 40 °C) 0 % RH to 45 % RH (40 °C to 50 °C)	
IP rating	IP 54	
Drop test	3.28 ft (1 M)	
Battery status indication	100 %, 75 %, 50 %, 25 % and low battery	
Size (H x W x L) with RBP5	5.12 in x 3.58 in x 5.25 in (13 cm x 9.09 cm x 13.33 cm)	
Weight (with battery)	1.76 lbs (0.8 kg)	
Li-ion battery safety	IEC 62133	
Laser Safety	Class 2 (EC 60825-1)	
Light Source	Semiconduction laser diode	
Max Output Power	< 1 mW	
Wavelength		
Red	635 nm ± 10 nm	
Green	520 nm ± 10 nm	
Electromagnetic Compatibility (EMC)		
International	IEC 61326-1	
Korea (KCC)	Class A Equipment (Industrial Broadcasting & Communication Equipment) ¹ ¹ This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes.	
USA (FCC)	47 CFR: Part 15 subpart B. This product is considered an exempt device per clause 15.103.	

Ordering information

Laser levels			
Part number	SKU	Item description	What's in the box
5114111	PLS 3X360R Z TOOL	Red three-plane laser, Bare Tool	3X360R Tool and canvas pouch (no battery)
5114127	PLS 3X360R KIT	Red three-plane laser, Kit	3X360R Tool, RBP5 (Li-Ion), Power Supply, 3X360 Magnetic L-Bracket, Red Reflective Target, Canvas Pouch, Blow Mold Case
5114148	PLS 3X360G Z TOOL	Green three-plane laser, Bare Tool	3X360G Tool and canvas pouch (no battery)
5114153	PLS 3X360G KIT	Green three-plane laser, Kit	3X360G Tool, RBP5 (Li-Ion), Power Supply, 3X360 Magnetic L-Bracket, Green Reflective Target, Canvas Pouch, Blow Mold Case
5204916	PLS HGI3X360R	PLS Housing Glass Insert for PLS 3X360R	PLS Housing Glass Insert and Tower for PLS 3X360R
5214800	PLS HGI3X360G	PLS Housing Glass Insert for PLS 3X360G	PLS Housing Glass Insert and Tower for PLS 3X360G
5214817	PLS 3X360 MLB	Magnetic L-Bracket w/ Micro and Elevation Adj	Magnetic L-Bracket w/ Micro and Elevation Adjustment
5214821	PLS 3X360 CB	Ceiling Bracket used w/ PLS 3X360 MLB	Ceiling Bracket used w/ PLS 3X360 MLB
5221067	PLS 3X360 HC	PLS 3X360 Blow Mold Hard Case	PLS 3X360 Blow Mold Hard Case
5022629	PLS RRT4	Red Magnetic Reflective Target	RRT4 red reflective target
5022634	PLS GRT4	Green Magnetic Reflective Target	GRT4 green reflective target
5023322	PLS RBP5	Li-Ion battery for PLS hand held lasers with charging cord and adapters	Li-Ion battery for PLS hand held lasers complete with charging cord and adapters
5075484	PLS RBP SINGLE PK	Single pack RBP5 Li-Ion battery for PLS line and dot lasers	Li-Ion battery only
5031965	PLS RBC5	Charging cord with adapters for RBP5 Li-Ion battery	Li-Ion battery charging cord with adapters

Note: PLS 3X360 is not compatible with PLS BP5 alkaline battery pack (PN 5031952)



Pacific Laser Systems, A Fluke Company
PO Box 9090, Everett, WA 98206

Fluke Europe
B.V. PO Box 1186, 5602 BD Eindhoven, The Netherlands

For more information, call:
In the U.S.A. 1-800-601-4500
Email: plslaser.orders@fluke.com
Web access: <http://www.plslaser.com>

Modification of this document is not permitted without written permission from Fluke Corporation. Specifications are subject to change without notice.
©2020 Pacific Laser Systems, a Fluke Company.
07/2020 6013406b-en