

TECHNICAL DATA

PLS 6R RBP Point and Cross Line Laser Level Kit



Key features

- Accuracy: $\leq 1/8$ in at 30 ft. (≤ 3 mm @ 10 m)
- Red beam laser
- Point Laser Direction: 90° up, down, left, right
- Horizontal fan angle: 180 °
- Vertical fan angle: 130°
- Durable pendulum lock
- Includes Li-Ion rechargeable battery pack

Product overview: PLS 6R RBP Point and Cross Line Laser Level Kit

The new PLS 6R RBP Kit Red laser levels offer the durability and precision you expect from Pacific Laser Systems. The fast settling, self-leveling pendulum gives you accurate point and reference lines almost instantly. Additionally, these products feature a pendulum lock to secure the laser during transport or if dropped.

- Red professional self- leveling combination point and cross line laser level includes vertical and horizontal modes with lines and points combined. Ideal for metal or wood stud installation, general layout, square alignment, or finish carpentry.
- Includes floor stand, magnetic L-bracket, and UB9 wall and ceiling bracket for fast, easy overhang and centerline measurements.
- Maximize your laser level operating time up to 3x and eliminate alkaline battery purchases.

Specifications: PLS 6R RBP Point and Cross Line Laser Level Kit

Rotary levels	PLS 6R
Battery	RBP5 Rechargeable Battery Pack
Battery Life, Continuous Use	30 hours (with RBP5 Battery Pack)
Point Laser Direction	90° up, down, left, right
Line Fan Angle	
Horizontal	= 180°
Vertical	= 130°
Working Range	
Point Laser (6 only)	=30 m (100 ft.)
Line Laser	
Without SLD	=15 m (50 ft.)
With SLD	6 m to 60 m (20 ft. to 200 ft.)
Accuracy	=3 mm @ 10 m (=1/8 in at 30 ft.)
Laser Leveling	
System	Automatic, Pendulum
Range	4°
Line Laser Width	=2 mm at 5 m
Temperature	
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)
Relative Humidity	0 % to 90 % (0 °C to 35 °C)
	0 % to 75 % (35 °C to 40 °C)
	0 % to 45 % (40 °C to 50 °C)
Size (H x W x L)	116 mm x 64 mm x 104 mm (4.6 in x 2.5 in x 4.1 in)
Weight	~ 0.6 kg (1.3 lb.)
Safety	IEC 61010-1: Pollution Degree 2
Laser	IEC 60825-1:2014 Class 2
Light Source	Semiconductor laser diode
Max Output Power	< 1 mW
Wavelength	635 nm ± 5 nm
Electromagnetic compatibility (EMC)	

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.

Fluke. *Keeping your world up and running.®*

Fluke Europe B.V.

P.O. Box 1186
5602 BD Eindhoven
The Netherlands
www.fluke.com/en

©2025 Fluke Corporation. All rights reserved.
Data subject to alteration without notice.
12/2025

For more information call:

In Middle East/Africa
+31 (0)40 267 5100

**Modification of this document is not permitted
without written permission from Fluke
Corporation.**