

TECHNICAL DATA

# PLS 3R Laser Level





## Key features

- Accuracy:  $\pm 1/8$  in at 30 ft. ( $\pm 3$  mm @ 10 m)
- Red laser beam
- Point laser direction: 90° up, down, forward
- Durable pendulum lock platform.
- IP54 rating to limit dust and water entry for years of operation on the job site.

## Product overview: PLS 3R Laser Level

The new PLS 3R red 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.

- 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.
- Kit includes floor stand and L-bracket for fast, easy overhang and centerline measurements.

## Specifications: PLS 3R Laser Level

PLS 3R		
Baery	3 x AA Alkaline IEC LR6	
Baery Life, Continuous Use	Red	$\approx 30$ hours
	Green	$\approx 16$ hours
Point Laser Direction	90° up, down, forward	
Working Range	$\approx 30$ m (100 ft.)	
Accuracy	$\pm 3$ mm @ 10 m ( $\pm 1/8$ in at 30 ft.)	
Laser Leveling	System	Automatic, Pendulum
	Range	4°
Point Laser Diameter	$\approx 4$ mm at 5 m	
Temperature	Operating	-10 °C to 50 °C (14 °F to 122 °F)
	Storage	15 cm x 9 cm x 3 cm (6 in x 3.6 in x 1.3 in)
	With Baeries	-18 °C to 50 °C (-0.4 °F to 122 °F)
	Without Baeries	-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	$\sim 0.6$ kg (1.3 lb.)	
Safety	IEC 61010-1: Pollution Degree 2	



**PLS 3R**

Laser	IEC 60825-1:2014 Class 2	
Light Source	Semiconductor laser diode	
Max Output Power	< 1 mW	
Wavelength	Red	635 nm ± 5 nm
	Green	525 nm ± 5 nm

**Electromagnetic Compatibility (EMC)**

Inteational  
Korea (KCC)  
USA (FCC)



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

**Fluke (UK) Ltd.**  
52 Hurricane Way  
Norwich, Norfolk  
NR6 6JB  
United Kingdom  
Tel.: +44 (0)20 7942 0708  
E-mail: cs.uk@fluke.com  
www.fluke.com

©2025 Fluke Corporation. All rights reserved.  
Data subject to alteration without notice.  
03/2025

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