

TECHNICAL DATA

# PLS 5R KIT, 5-Point Red Laser Kit



## Key features

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

## Product overview: PLS 5R KIT, 5-Point Red Laser Kit

The new PLS 5R 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.

- The PLS 5 is a self-leveling, five-point red 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.

## Specifications: PLS 5R KIT, 5-Point Red Laser Kit

PLS 5R

Battery

3 x AA Alkaline IEC LR6

| PLS 5R                       |  |  |
|------------------------------|--|--|
| Battery Life, Continuous Use | Red  | ≥ 30 hours                                   |
|                              | Green  | ≥ 9 hours                                    |
| Point Laser Direction        | 90° up, down, left, right, forward                 |  |
| Working Range                | ≤ 30 m (100 ft.)                                   |  |
| Accuracy                     | ≤ 3 mm @ 10 m (≤ 1/8 in at 30 ft.)                 |  |
| Laser Leveling               | System   | Automatic, Pendulum                          |
|                              | Range  | 4°   |
| Point Laser Diameter         | ≤ 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 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                   | Red  | 635 nm ± 5 nm                                |
|                              | Green  | 525 nm ± 5 nm                                |

**Electromagnetic Compatibility (EMC)**

International  
Korea (KCC)  
USA (FCC)

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

**Fluke Europe B.V.**

P.O. Box 1186  
5602 BD Eindhoven  
The Netherlands  
[www.fluke.com/en](http://www.fluke.com/en)

©2024 Fluke Corporation. All rights reserved.  
Data subject to alteration without notice.  
05/2024

**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.**