

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

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| Rotary levels | PLS 6R |
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| 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) |



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| USA (FCC) | 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103. |
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