

TECHNICAL DATA

# PLS 180R RBP Cross Line Laser Level Kit



## Key features

- Accuracy:  $\leq 1/8$  in at 30 ft. ( $\leq 3$  mm @ 10 m)
- Red beam laser
- Horizontal fan angle: 180 °
- Vertical fan angle: 130°
- Durable pendulum lock
- IP54 rating to limit dust and water entry for years of operation on the job site.

## Product overview: PLS 180R RBP Cross Line Laser Level Kit

The PLS 180R RBP red laser level kit offers durability and precision. The fast settling, self-leveling pendulum gives you accurate point and reference lines almost instantly. The pendulum lock provides extra security for the laser during transport or if dropped.

- This professional self-leveling cross line laser level is equipped for multiple applications including wall construction, acoustic ceiling installation, tile installation, residential and commercial construction.
- Includes magnetic L-bracket for fast, easy overhang and center-line measurements and the UB9 Universal Wall/Ceiling Bracket for fine vertical adjustment and ceiling installation.
- Maximize your laser level operating time up to 3x and eliminate alkaline battery purchases

## Specifications: PLS 180R RBP Cross Line Laser Level Kit

Rotary levels	PLS 180R
Battery	RBP5 Rechargeable Battery Pack

Battery Life, Continuous Use	30 hours (with RBP5 Battery Pack)
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.

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05/2024

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