

TECHNICAL DATA

# PLS 180R RBP Cross Line Laser Level Kit



## Key features

- Accuracy:  $\pm 1/8$  in at 30 ft. ( $\pm 3$  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

<b>Rotary levels</b>	PLS 180R
<b>Baery</b>	RBP5 Rechargeable Baery Pack

<b>Baery Life, Continuous Use</b>	30 hours (with RBP5 Baery Pack)
<b>Line Fan Angle</b>	
Horizontal	= 180°
Vertical	= 130°
<b>Working Range</b>	
Point Laser (6 only)	=30 m (100 ft.)
<b>Line Laser</b>	
Without SLD	=15 m (50 ft.)
With SLD	6 m to 60 m (20 ft. to 200 ft.)
<b>Accuracy</b>	=3 mm @ 10 m (=1/8 in at 30 ft.)
<b>Laser Leveling</b>	
System	Automatic, Pendulum
Range	4°
<b>Line Laser Width</b>	=2 mm at 5 m
<b>Temperature</b>	
Operating	-10 °C to 50 °C (14 °F to 122 °F)
<b>Storage</b>	
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)
<b>Relative Humidity</b>	0 % to 90 % (0 °C to 35 °C) 0 % to 75 % (35 °C to 40 °C) 0 % to 45 % (40 °C to 50 °C)
<b>Size (H x W x L)</b>	116 mm x 64 mm x 104 mm (4.6 in x 2.5 in x 4.1 in)
<b>Weight</b>	~ 0.6 kg (1.3 lb.)
<b>Safety</b>	IEC 61010-1: Pollution Degree 2
<b>Laser</b>	IEC 60825-1:2014 Class 2
<b>Light Source</b>	Semiconductor laser diode
<b>Max Output Power</b>	< 1 mW
<b>Wavelength</b>	635 nm ± 5 nm
<b>Electromagnetic compatibility (EMC)</b>	
Inteational	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 inteval 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.

## Ordering information



### **PLS 180R RBP KIT**

PLS 180R RBP KIT, Cross Line Red Laser Kit

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