

# Leica Geosystems

## L4P1 Technical Data

Range*	50 ft
Range with laser receiver*	262 ft
Pulse power for receiver	yes, auto
Smart targeting	not available
Self-leveling range	± 3°
Self-leveling time	<3 seconds
Out of level warning	yes – blink lines every 5 seconds
Leveling system	automatic pendulum - lockable
Leveling accuracy	±0.002 in/ft = ±0.08 in @ 33ft
# of laser points	1
# of laser lines	3 vertical, 1 horizontal
Beam direction	3 vertical, 1 horizontal, 1 intersection up, 1 point down
Beam angle	150° vertical, 180° horizontal
Laser line width at 16 ft	<0.08 in
Horizontal line accuracy	±0.004 in/ft = ±0.11 in @ 33ft
Vertical line accuracy	±0.004 in/ft = ±0.11 in @ 33ft
Point accuracy	±0.002 in/ft = ±0.08 in @ 33ft
Laser type	635 ± 5 nm/Class 2 (IEC 60825-1)
Laser output power	25 mW
Laser visibility	0.2 spectral efficiency
Drop resistance	1.64 ft
Battery type	Li-Ion rechargeable battery pack 5200 mAh/ 18.7 Wh (or AA 4 x 1.5V)

- when it has to be **right**



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Operating time (Li-Ion)	24h (4 beams + 1 points) continuous
Operating time (Alkaline)	8h (4 beams + 1 points) continuous
Automatic shut-off	Not available
Protection class	IP54
Dimensions (H x D x W)	4.92 x 4.92 x 6.38 in
Weight with Li-Ion batteries	2.59 lbs
Operating temperature	+14 to +122° F
Storage temperature	-13 to +158° F
Tripod thread	1/4", 5/8"
Scope of delivery	L4P1 Li-Ion battery pack, charger, Alkaline battery tray, Target plate, Hard case, Calibration certificate

\*depending on lighting conditions