

# Leica Geosystems

## L2 Technical Data

Range*	82 ft
Range with laser receiver*	262 ft
Pulse power for receiver	yes, auto
Smart targeting	not available
Self-leveling range	$\pm 4^\circ$
Self-leveling time	<3 seconds
Out of level warning	yes – blink lines every 5 seconds
Leveling system	automatic pendulum - lockable
Leveling accuracy	$\pm 0.002$ in/ft = $\pm 0.08$ in @ 33ft
# of laser points	N/A
# of laser lines	2
Beam direction	vertical, horizontal
Beam angle	vertical/> $170^\circ$ , horizontal/> $180^\circ$
Laser line width at 16 ft	<0.08 in
Horizontal line accuracy	$\pm 0.004$ in/ft = $\pm 0.11$ in @ 33ft
Vertical line accuracy	$\pm 0.004$ in/ft = $\pm 0.11$ in @ 33ft
Point accuracy	N/A
Laser type	635 $\pm$ 5nm/Class 2 (IEC 60825-1)
Laser output power	30 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 3 x 1.5V)
Operating time (Li-Ion)	44h (1beam) continuous 26h (2 beams) continuous
Operating time (Alkaline)	13h (1 beam) continuous 8h (2 beam) continuous
Automatic shut-off	available
Protection class	IP54
Dimensions (L x W x H)	4.33 x 2.36 x 3.93 in

- when it has to be **right**



Weight with Li-Ion batteries	1.17 lbs
Operating temperature	+14 to +122° F
Storage temperature	-13 to +158° F
Tripod thread	1/4" (5/8" with adapter)
Scope of delivery	L2, TWIST 250, Li-Ion battery pack, charger Alkaline battery tray, Target plate, Hard case, Calibration certificate

\*depending on lighting conditions