JOHNSON®
PRO TOUGH • PRO ACCURATE

LASER DISTANCE METERS

Model	LDM85	LDM100	LDM150	LDM195	LDM330
Laser Wavelength	650nm±10nm	650nm±10nm	650nm±10nm	650nm±10nm	650nm±10nm
Laser Class	Class II	Class II	Class II	Class II	Class II
Maximum Power Output	≤1mW	≤1mW	≤1mW	≤1mW	≤1mW
Typical Accuracy*	±5/64"/85'	±5/64"/100'	±1/16"/150'	±1/16"/195'	±1/16"/330'
Accuracy at Unfavorable Conditions*	—	—	±3/16"/150'	±3/16"/195'	±3/16"/330'
Typical Measuring Range*	2"-85'	2"-100'	2"-150'	2"-195'	2"-330'
Typical Interior Range*	2"-85'	2"-100'	2"-150'	2"-195'	2"-330'
Range at Unfavorable Conditions**	—	—	2"-45'	2"-90'	2"-135'
Units of Measure	ft, in, m, 1/8", 1/16", 1/32"	ft, in, m, 1/8", 1/16", 1/32"	ft, in, m, 1/8", 1/16", 1/32"	ft, in, m, 1/8", 1/16", 1/32"	ft, in, m, 1/8", 1/16", 1/32"
Operating Modes	Length, Area, Volume, Continuous	Length	Length, Area, Volume, 2-Point Pythagoras	Length, Area, Volume, 2-Point Pythagoras, 1-Point Pythagoras, Digital Level, Stakeout	Length, Area, Volume, 1-Point Pythagoras, 2-Point Pythagoras, 3-Point Pythagoras, 3-Point Partial Pythagoras, Digital Level, Stakeout
Bluetooth	—	—	—	—	■
Angle Sensor	—	—	—	■	■
Angle Sensor Accuracy	—	—	—	0°, 90° ±0.2°; all others ±0.5°	0°, 90° ±0.2°; all others ±0.5°
Power Supply	2 "AAA"	2 "AAA"	2 "AAA"	2 "AAA"	2 "AAA"
Battery Life	10 hours 10,000 measurements	10 hours 10,000 measurements	10 hours 10,000 measurements	10 hours 10,000 measurements	10 hours 10,000 measurements
Working Temperature	23°F - 104°F	23°F - 104°F	23°F - 104°F	23°F - 104°F	23°F - 104°F
Tripod Thread	—	—	—	—	1/4" - 20
IP Rating	IP54	IP54	IP54	IP54	IP54

Specifications subject to change with ongoing product development.

* Tested per ISO 16331-1
** Per ISO 16331-1, unfavorable conditions are designed to simulate bright light and give an approximate indication of the working range of the tool outdoors on a bright sunny day. Overcast or darker days will offer a longer working range.