

# Comparison: LMm and RMLD

## GLD Comparison Table



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Items	LMm	RMLD
Detection method	Tunable diode laser absorption spectroscopy	Tunable diode laser absorption spectroscopy
Dimension (WxDxH)	7.05 × 2.75 × 1.65 in	Tranceiver : 8.39 × 5.9 in. 4.05Ø Controller : 8.27 × 5.9 × 10.04 in
Detection range	1 ~ 50,000 ppm-m	0 ~ 99,999 ppm-m
Detection response time	0.1 sec	0.2 sec
Detection distance	1.6 ~ 98 ft	1.6 ~ 98 m
Contin. operating time	4 hours	6-8 hours
Size of receiver lens	1.57 * 1.18 in Square	3.94 in Ø Circle
Weight	1.32 lbs	14.11 lbs
Temp. compensation (TEC Circuit)	No/ unstable	Yes/ stable
Guide Laser	Green Laser	Green laser
Display	Color LCD	Black & White LCD
LCD Size	1.61 × 1.22 in	3.07 × 1.73 mm
Warm up time	30-60 Seconds	Not listed
Operating range	-17°C to +50°C	-17°C to +50°C
ATEX	II2G Ex ib op-pr/is IIA TI	UL 913 (Class I,II and III)
Warranty	1 year	1 year

