



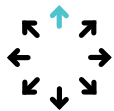
## Zehntner Marking Retroreflection

# ZRM 6010 RL

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Night visibility. Continuous wetting and rain conditions.

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### Versatility

Gather data for night visibility effectively under any weather conditions, at day or night, on any road surface



### Accuracy

Telescopic handle for easy field and laboratory operation —the result is a new benchmark of measurement accuracy and robustness under any conditions in the field



### Productivity

Enrich your measurements with precise geolocation and high resolution images. The user friendly analysis software makes comprehensive reports possible quickly and with ease



## Instrument Tech Specs

Technology	GPS, internal printer
Display	Touchscreen 5.7" color TFT (LCD), LED backlight, VGA resolution
Memory	1 GB internal flash memory
Measurement Modes	R <sub>L</sub> dry (night visibility) R <sub>L</sub> wet (night visibility) R <sub>L</sub> continuous wetting (night visibility) °C/°F (ambient temperature) rH % (relative humidity)
Measuring Area	(WxL): 52mm x 489mm (2.05" x 19.25")
Measuring Range	R <sub>L</sub> : 0 - 4'000 mcd·m <sup>-2</sup> ·lx <sup>-1</sup>
Measuring Accuracy	Repeatability ± 2 %
Observation Angle	EN 1436: 2.29° ASTM E1710: 1.05°
Illumination Angle	EN 1436: 1.24° ASTM E1710: 88.76°
Reporting software	Includes mapping and data analysis software MappingTools
Weight	6.4kg (14.11 lbs)
Operating Temperature	0°C to +50°C (32°F to 122°F), non condensing

Standards & Guidelines	Description
ASTM E1710-18	Standard Test Method for Measurement of Retroreflective Pavement Marking Materials with CEN-Prescribed Geometry Using a Portable Retroreflector
ASTM E2177	Standard Test Method for Measuring the Coefficient of Retroreflected Luminance (RL) of Pavement Markings using the Bucket Method in a Condition of Wet Recovery
ASTM E2832-12(2017)	Standard Test Method for Measuring the Coefficient of Retroreflected Luminance of Pavement Markings in a Standard Condition of Continuous Wetting (RL-2)
CIE 54.2	
DB 51 T2429	
EN 13197	
EN 1436	
GB/T 16311 ( United Kingdom)	
GB/T 21383 ( United Kingdom)	
JT/T 690	

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