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Zehntner Marking Retroreflection

ZRM 6006 RL-Qd

An entry-level and easy to use retroreflectometer

Ease of use

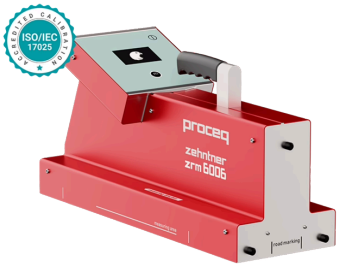
Entry-level device, ideal for measuring night visibility (RL) and day visibility (Qd) of road markings and ambient temperature with a touch of a button

Versatility

Ultrafast retroreflection measurement (RL and Qd) in about 2 seconds for all types of road markings

Efficiency

Use in dry or wet condition, day or night, on the road or in the laboratory













Instrument
Tech Specs

Display	Transflective luminous LCD display with LED backlight
Memory	None
Measurement Modes	R_L dry (night visibility) R_L wet (night visibility) Qd (day visibility) °C/°F (ambient temperature) rH % (relative humidity)
Measuring Area	(WxL): 52mm x 218mm (2.05" x 8.6")
Measuring Range	R_L: 0 - 4'000 mcd•m^{-2}•lx^{-1} Qd: 0 - 400 mcd•m^{-2}•lx^{-1}
Measuring Accuracy	Repeatability ± 2 %
Observation Angle	EN 1436 & ASTM E2302: 2.29° ASTM E1710: 1.05°
Illumination Angle	R_L: EN 1436: 1.24° R_L: ASTM E1710: 88.76° Qd: diffuse
Weight	6.4kg (14.1 lbs)
Operating Temperature	-10°C to +50°C (14°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 Retroreflectometer
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 E2302	
CIE 54.2	
EN 13197	
EN 1436	

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