

## Zehntner Marking Retroreflection **ZRM 6006 RL-Qd**

---

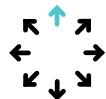
An entry-level and easy to use retroreflectometer

---



### **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

|                              |                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display</b>               | Transflective luminous LCD display with LED backlight                                                                                                            |
| <b>Memory</b>                | None                                                                                                                                                             |
| <b>Measurement Modes</b>     | R <sub>L</sub> dry (night visibility)<br>R <sub>L</sub> wet (night visibility)<br>Qd (day visibility)<br>°C/°F (ambient temperature)<br>RH % (relative humidity) |
| <b>Measuring Area</b>        | (WxL): 52mm x 218mm (2.05" x 8.6")                                                                                                                               |
| <b>Measuring Range</b>       | R <sub>L</sub> : 0 - 4'000 mcd•m <sup>-2</sup> •lx <sup>-1</sup><br>Qd: 0 - 400 mcd•m <sup>-2</sup> •lx <sup>-1</sup>                                            |
| <b>Measuring Accuracy</b>    | Repeatability ± 2 %                                                                                                                                              |
| <b>Observation Angle</b>     | EN 1436 & ASTM E2302: 2.29°<br>ASTM E1710: 1.05°                                                                                                                 |
| <b>Illumination Angle</b>    | R <sub>L</sub> : EN 1436: 1.24°<br>R <sub>L</sub> : ASTM E1710: 88.76°<br>Qd: diffuse                                                                            |
| <b>Weight</b>                | 6.4kg (14.1 lbs)                                                                                                                                                 |
| <b>Operating Temperature</b> | -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                |                                                                                                                                                                 |

SWISS MADE



Present in +100 countries, we serve inspectors and engineers all over the world with the most comprehensive range of InspectionTech solutions, combining intuitive software and Swiss-manufactured sensors.  
[www.screeningeagle.com](http://www.screeningeagle.com)

Request a quote

