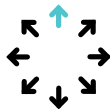




## Zehntner Marking Retroreflection **ZRM 6010 RL**

Night visibility. Continuous wetting and rain conditions.



### 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)<br>R <sub>L</sub> wet (night visibility)<br>R <sub>L</sub> continuous wetting (night visibility)<br>°C/°F (ambient temperature)<br>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°<br>ASTM E1710: 1.05°                                                                                                                                                               |
| Illumination Angle    | EN 1436: 1.24°<br>ASTM E1710: 88.76°                                                                                                                                                              |
| Reporting software    | Includes mapping and data analysis software<br>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 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 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                     |                                                                                                                                                                 |

## Authorized Distributor



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