

# HORIZONTAL

## Classic Retroreflectometer

EN1436	RL Qd
ASTM E1710	RL
ASTM E2302	Qd
ASTM E2177	RL wet

Available on :

- 15-meter geometry;
- 30-meter geometry;
- Dual 15/30 geometry.



**Easylux Horizontal Classic is robust, simple and intuitive handling**

**instrument** which can simultaneously evaluate nighttime visibility ( $R_L$ ), daytime visibility (Qd) and register the ambient temperature and relative air humidity quickly, easily and effortlessly.

## Classic Horizontal Technical

30-meter geometry	88.76° / 1.05° (ASTM E1710) 1.24° / 2.29° (EN1436)
15-meter geometry	86.5° / 1.5°
Measurement range	$R_L$ : 0 - 1999 mcd . m <sup>2</sup> . lx <sup>-1</sup> Qd: 0 - 320 mcd . m <sup>2</sup> . lx <sup>-1</sup>
Measurement area	70 x 190 mm
Measurement sensor	Multiple detectors - CIE V ( $\lambda$ ) adapted
Measurement time	1 second for $R_L$ or 2 seconds for RL + Qd
Profiled markings	Up to 2 mm
Dimensions	580 x 160 x 240 mm
Weight	5.0 kg (with battery)
Standards	EN1436, ASTM E1710, ASTM E2176, ASTM E2302, NBR 14723 (15-meter).



## Electrical

Battery	V.L.R.A 12 V rechargeable
Charger	Automatic 100-240 V full range
Data memory	Internal 4000 measurements
Display	Character LCD with night vision
Interface	USB
Operating	-10°C to 70°C (extended range)
Light Source	LED light

**StrAusZert Germany test certificate No. 0913-2014-04**



The instrument comes with carrying case, calibration certificate, Easydata software tool, user's manual (English, Portuguese, Spanish and Italian), NIST traceable calibration standard, USB cable and a universal full-range battery charger.

## Classic Horizontal Features

- LED technology. Long-lasting battery.
- Internal memory for 4000 readings. USB computer interface.
- Extended temperature range: -10° C to 70° C.
- Free Easydata software for data analysis and reports (see page 72).
- NIST Traceable Standard (preformed glass beads) .
- CIE V(k) adapted optical system: capable of working with any colour and type of road markings, without the need for adjustment or recalibration.
- Temperature and Air Relative Humidity for every data.
- Programmable stop-timer and wet-timer.
- 4 languages menu (English, Portuguese, Spanish ,Italian).
- Available in single or dual geometry.
- Approved by StrAusZert Germany (certificate 0913-2014-04)
- 2 year warranty.



## Options

WAAS GPS

Ergonomic Kit

Qd - Daytime Visibility

Portable Serial Printer