



VERTICAL

Classic Retroreflectometer

ASTM E1709

ASTM E2540

EN 12899-1

ISO 20471

Available on :

- Single angle.
- Dual angle.

Easylux Vertical classic retroreflectometer is the most compact dual angle retroreflectometer in the world market. Being only **155 mm wide and 760 g** weight, this practical instrument can measure the retroreflection (R_A) of all type and colors of road signs and others materials fast and effortlessly.

Options

GPS WAAS: 2.5 meter - 56 channel - WGS84

5 meter extension pole with remote control

Barcode reader

RFid tag reader ISO 15693 and ISO 1443A/B



The LED optic system is built according to CIE V(λ) specifications, enabling accurate measuring on colorful materials without the need of correcting factors.

Classic Vertical Technical

Illumination angle	-4° or +5°
Observation angle	Up to 2 simultaneous . Available angles : 0.2°,0.33°,0.5°,1.0°
Observation aperture	0.1° annular aperture.
Measurement area	25 mm
Measurement sensor	CIE V (λ) adapted
Measurement range	R_A : 0 - 1999 cd . lx ⁻¹ . m ⁻²
Measurement time	1 second for each observation angle
Memory	Internal 4000 measurements
Interface	USB (Easydata software compatible)
Battery	LI-Ion 7.2 V
Standards	ASTM E1709, ASTM E1809, ASTM E2540, EN 12899-1, ISO 20471, DIN 67520, MUTCD, ABNT.

Traceable Reference Standard

Easylux uses a single standard traceable in accordance with standards issued by NIST or METAS.



Illumination Adaptor

20°, 30°, 40°, 60°

ECE-104 Special Illumination Angle adaptors





Easylux Vertical retroreflectometer

was designed to measure the retroreflection (R_A) of reflectorized patterns used for improving nighttime conspicuity of railcars, trucks, safety garments, among other materials, quickly and effortlessly.

