Technical datasheet

GES automotive goniophotometer

Angular photometric measurements of automotive headlamps and signal lamps.



Configurations and measurement distances

Positioning	5 motorized axes: H and V rotations, X, Y and Z translations.
GES-S	Signaling, with a measurement cell at 10 m and/or 3.16 m.
GES-L	Lighting, with a measurement cell at 25 m.
GES-SL	Lighting and signaling, with a cell at 10 m and a removable lens.
Software	Test control and measurement analysis with ALPES.

Reference specifications

Specified angular accuracy	0.01°
Reference angular travel (H × V)	±90° × ±20°
Maximum payload	25 kg
Overall dimensions (H × W × L)	1 120 × 800 × 1 850 mm
System weight	300 kg
Reference photometric range	Lighting 200 000 lx · Signaling 10 000 cd

Specifications depend on the configuration. Test coverage and measurement system performance are confirmed for each installation.