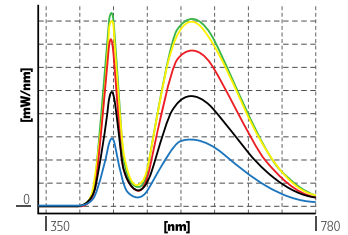
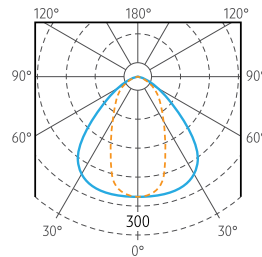


Measure your lamps. Follow the standard.

GL GONIO SPECTROMETER



Introducing a new model of GL GONIO SPECTROMETER

Features of entry level goniometers for LED light testing:

- Light Intensity Distribution measurement
- Angular color uniformity testing
- CCT, Duv, CRI, x,y and much more
- Photometric data in LTD and IES files



GL Optic products are made in Europe, sold and serviced on all continents.

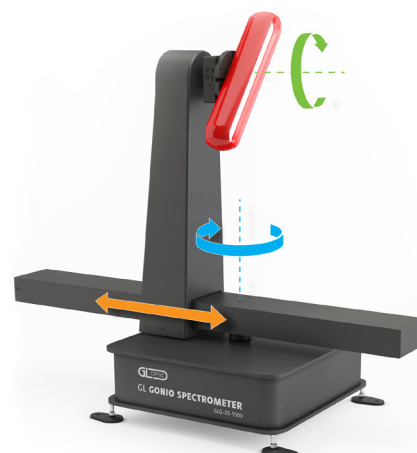
We are a German Limited Company, which offers precise light measuring instruments and complex solutions for spectral light measurement systems. In our product line you will find intelligently designed, intuitive and accurate goniometers and other measuring systems such as: spectrometers, integrating spheres, goniometers, programmable sources of LED light and analytical software.

GL GONIO SPECTROMETER 20-1500

GLG-20-1500 is a goniometer system designed for the testing of large lamps and luminaires. Max load of over 20 kg and 1500 mm diameter will cover most of the demand for testing. Additionally the usable depth along horizontal axis up to 800 mm will help to test very long high bay lamps with extended radiators. This is also an ideal solution for long tubular architectural luminaires.

Features:

- Far Field Type C with the horizontal axis
- 3 axis stepper motors
- Angular resolution of 0.1°
- perfect for large LED modules and luminaires



APPLICATION	
Application	Large LED modules and large luminaires Compliance with the following: CIE121-1996, IESNA LM-79-08, CIE S 025/E:2015
TECHNICAL DATA SHEET	
CIE Goniometer type	Far Field Type C with horizontal optical axis – DUT moving – 3 axis stepper motors – Direct drive system
Angular range C axis	± 180°
Angular range γ axis	± 180° theoretical (usable depending on geometry due to shadowing)
Angular positioning precision	0.1°
Reproducibility C axis	0.004°
Reproducibility γ axis	0.004°
Angular speed C axis	up to 45°/s
Angular speed γ axis	up to 45°/s
DUT photometric center positioning	0 to 800 mm; stepper motor operated
Photometric distance	7.5 – 22.5 m Distance ≥ largest DUT dimension x(5 to 15); (CIE S 025/E:2015)
DUT mounting plate (bread board)	Round d=150 mm Fixing: multiple mounting holes: M3, M4, M5, M6; chuck with sliding blocks
Maximum DUT dimensions	≤ 1500 mm (diameter or diagonal)
Goniometer dimensions	750 x 1400 x 1950 mm (W x H x D)
Maximum operating footprint diameter	2400 mm
Maximum load	20 kg
Goniometer weight	80 kg
Power supply and max. Consumption	PC connection by USB A-B 110–230V 600W
Sensor type	GL OPTIC Spectrometer range: – GL Spectis 1.0 – GL Spectis 1.0 Touch – GL Spectis 5.0 Touch

GL GONIO SPECTROMETER 20-1500

