

MOVING DETECTOR GONIOMETER SSL DECO 27

ALL INCLUSIVE MEASUREMENT SYSTEM

- ✓ Spatial photometric, colorimetric and spectrometric characterization
- ✓ LDT, IES, text and pdf reports
- ✓ Completely meets the CIE S025 requirements for unchanged burning positions.
- ✓ Opportunity to measure photometricals of lighting fixtures with movable parts.
- ✓ Motorized axis for setting any burning position
- ✓ No separate lamp holder stand needed.



**Optimal for testing luminaires
with a luminous area of
smaller than 270 mm.**

SAVE TIME, SPACE AND MONEY

- ✓ Compact setup saves even 70% room footprint size
- ✓ No need for dark room, thanks to the low-reflectance stray-light disc
- ✓ User-friendly and versatile test software
- ✓ Mobile and stable
- ✓ Fast colorimetric measurements

SPECIFICATION

Goniometer model	SSL DECO 27	
Product code	SSL C-2.270	SSL C-2.custom
Application area	Small and medium sized LED modules and luminaires, burning position sensitive luminaires,	
Goniometer type	C type with vertical optical axis. Floor mount goniometer of type 2.1 (EN13032-1:2004 clause 6.1.1.2) with the turning detector (γ axis) and luminaire (C axis) features. Completely meets the requirements of unchanged burning positions stated in IES LM79-08 Clause 9.3.1.	
Gonio driver and controller	3 axis Stepper motor controller with RS-232 / USB interface, Worm gear drive system with deep groove ball bearings	
Goniometer arrangement	Goniometer station with electrical device 19" rack integration (unoccupied 5U for AC/DC power supply / meter)	
Height, Width, and Length	1.5 m, 1.2 m, 0.8 m	
Measurement distance	1.3 m	
Max luminaire size for LID ¹ (or flux)	27 cm (45 cm)	
Max total length, depth and mass of DUT ²	50 cm, 30 cm, 6kg	
Minimum space requirement (WxHxL)	1 m x 2.7 m x 2.7 m	Room height 2.5-4m
Luminous intensity range	0.002 – 130 000 cd	
Resolution	<0.01° (C and γ axis), <0.05° (Burning position axis)	
Reproducibility / Accuracy	<0.1° (C and γ axis), <0.5° (Burning position axis)	

¹LID - Luminous Intensity Distribution,

²DUT - Device under test

OPTIONS

- ✓ Computer controllable DC / AC Power supply
- ✓ Remote control
- ✓ Spectrometer / colorimeter

The compact setup saves space.
Ready to use in your office.
No need for dark room.
Suitable also for production tests.

Goniometric axes:

1. γ axis
2. C plane axis
3. Burning position axis
4. Photometric center position

