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

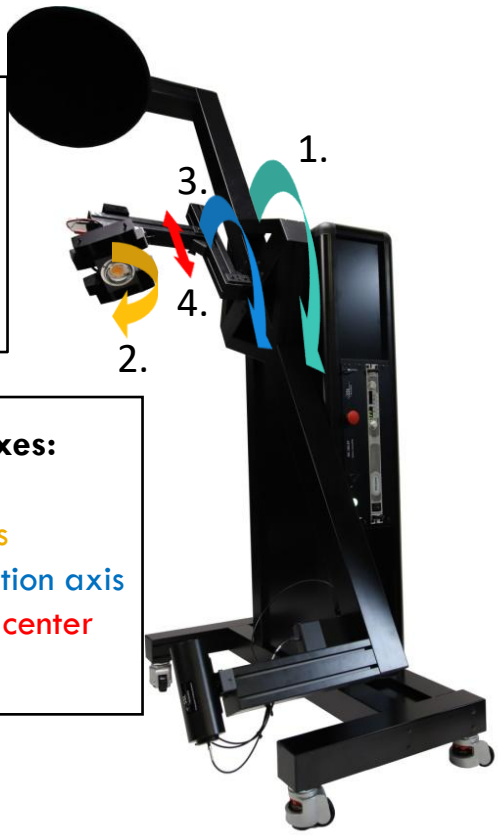
SPECIFICATION

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)	

[1]LID - Luminous Intensity Distribution,
[2]DUT - Device under test

OPTIONS

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



Goniometric axes:

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

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

SSL RESOURCE
Photometric Testing Efficiency

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