

Type C Moving Mirror Goniometer - Large Scale



Ideal for measuring small lamps to large fixtures plus indoor & outdoor luminaires per LM-79 methodologies.

Measures all parameters necessary for R&D confirmation, production use, quality control, and standards confirmation

Specifications

Machine Dimensions:

184 cm x 92 cm x 419 cm (73" x 37" x 165")

Control Rack Dimensions:

55 cm x 63 cm x 100 cm (22" x 25" x 40")

Minimum Room Size:

~4 m x 12 m x 4 m (~15' x 40' x 15')

NOTE: Room size can be smaller, contact Labsphere for details

Electrical Input: 120 VAC 15A (2 circuits required)

Rotational Accuracy: <0.01°

Photometric Accuracy:

0.01 cd (0.2% + 5% range)

12-16 bit $f' < 3%$ ($v' < 0.5%$ available) 0.01 cd

Mechanical Accuracy: +/-1 mm

Speed: Up to 6 RPM

Maximum Luminaire Size: 610 mm x 1220 mm (2' x 4')

Value

Full benefits of C-type photometry in a full size package

Powerful interface for engineering confirmation yet easily operated by non-technical operators

Fully automated data collection reported out on IES, text or Microsoft Excel formats

Options

Color Uniformity

IES File Generation

Selectable Points Measurements

Relative Photometry

Edison Base Bulb Mounting Fixture

Detector Spectral Correction

NIST Traceable Power Measurement

NIST Traceable Calibration Sources

Thermal Couple Integration

Thermal Logging

Remote Monitoring and Control

LM-79 Test Protocol

DC Power Supply 500 W

AC Power Supply 1200 W

