Goniophotometer -

Name

GO-R5000 FULL-FIELD SPEED GONIOPHOTOMETER

- **Description**

World- leading mirror type goniophotometer

Patents issued in China, Germany and USA,“China Excellent Patent Award”

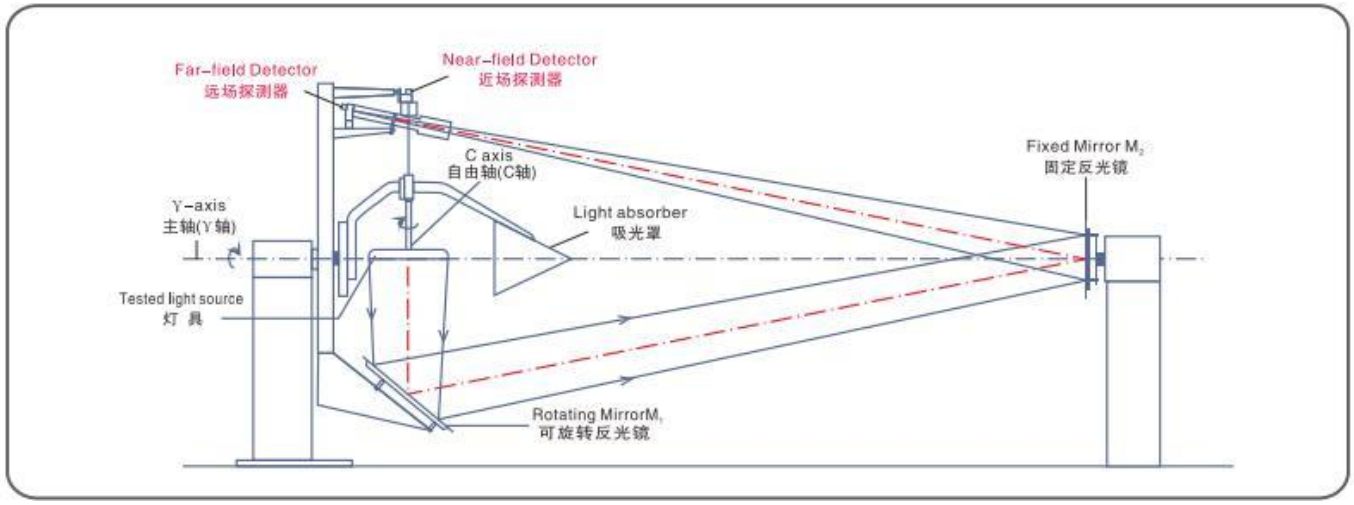
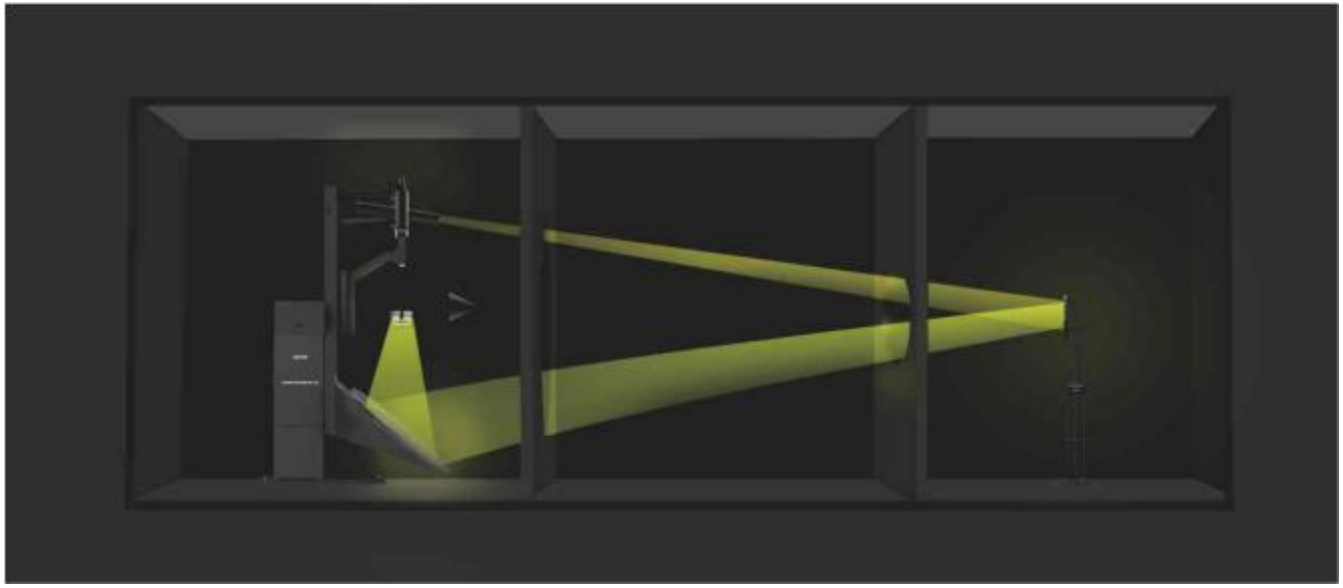
Fully meets IESNA LM-79 and GB/T 24824

National 863 program (national high tech research & development program) achievement

Widely applied in NVLAP accredited labs

- **Parameter**

- **1. Basic working principle**
- GO-R5000 is based on CIE C-γ system and measures intensity distribution on C-planes or cone surfaces. It can also achieve CIE A-α,CIE B-β solutions by software. GO-R5000 can be widely used in the measurement of all types of lighting sources like lamps, luminaires, indoor lights, outdoor lights, street lights, flood lights with very high accuracy.
- Export format: *.GOS *.CIE *.CEN *.IES *.TM14 *.CIB *.LDT, which can directly match International Universal Lighting Design Software, such as Dialux, AGI32, Lumen-Micro.
- The spatial spectral/colorimetric quantities and spectral/color uniformity (optional) and luminance distribution and luminance uniformity (optional) can be achieved by the goniophotometer system.

- 
Far-field Detector
远场探测器
Near-field Detector
近场探测器
C axis
自由轴(C轴)
Fixed Mirror M2
固定反光镜
γ-axis
主轴(γ轴)
Light absorber
吸光罩
Tested light source
灯 具
Rotating MirrorM1
可旋转反光镜
- 
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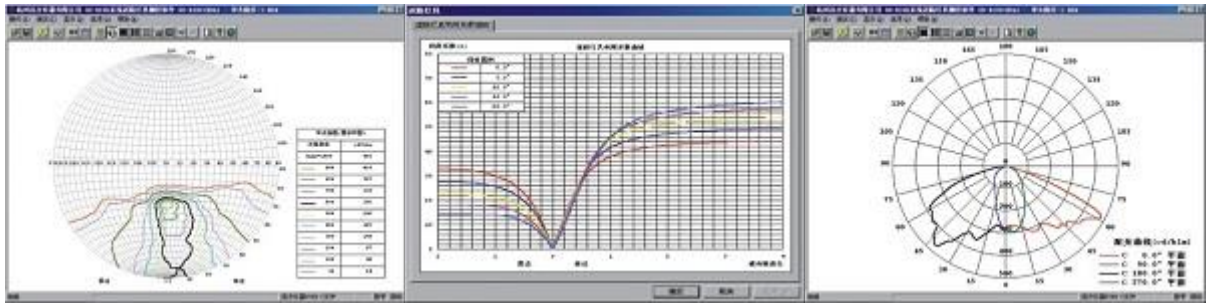
- ◆ **Main Parameters：**
- ● Rotation Range：0~360°（C axis C axis）；-180°~+180°（γ axis γaxis）
- ● Photometer：CLASS L(f1'≤1.5%)、Precision constant temperature, pre-amplified type
- ● Measuring range of illuminance：0.0001lx-200klx
- ● Optional: spatial chromaticity distribution and luminance distribution test function
- **Documents output data：**
- 1） *.GOS EVERFINE GO-R series photometry data file
- 2） *.CIE CIE file
- 3） *.CEN CEN file
- 4） *.IES IESNA file
- 5） *.Tm14 TM14 file
- 6） *.CIB CIBSE file
- 7） *.EUT EULUMDAT file
- ◆ **Test interface**

- 

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- ◆ **Model information**

Model	GO-R5000-XXX-STD	GO-R5000-XXX-LRG	GO-R5000-XXX-SML	GO-R5000-XXX-CST
Max.characteristics of lamps or luminaires				
Size	1600mm	2000mm	700mm	on request
Weight	50kg	80kg	30kg	on request
Power	3000W/10A AC/DC	3000W/10A AC/DC	3000W/10A AC/DC	on request