



**GO-R5000 FULL-FIELD SPEED  
GONIOPHOTOMETER**

**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**

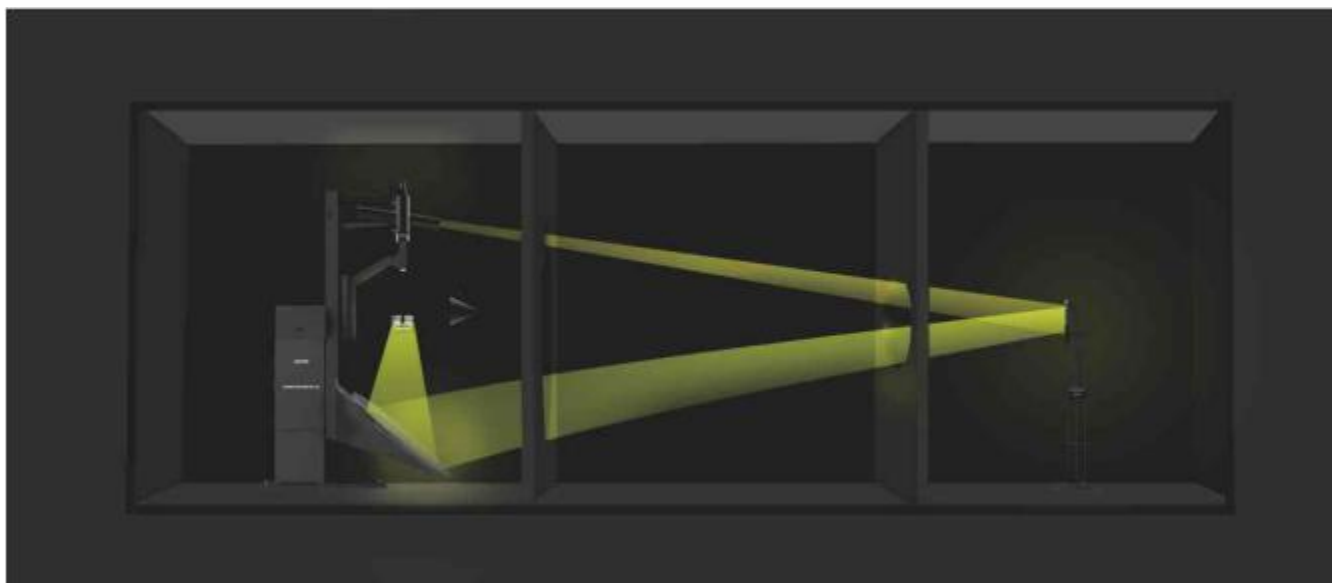
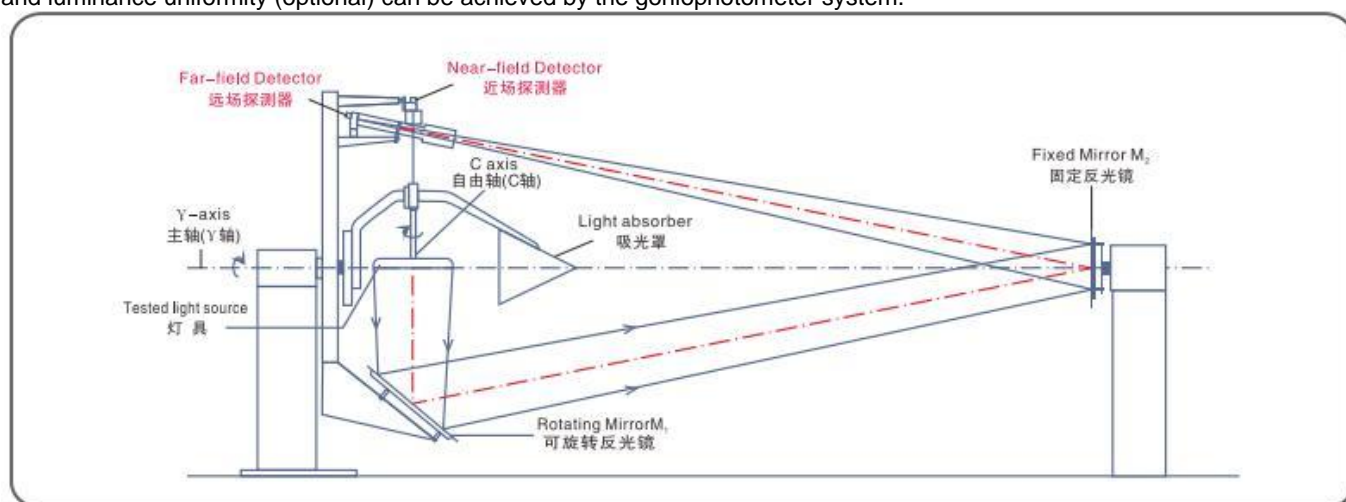
**Widely applied in NVLAP accredited labs**

## 1. Basic working principle

GO-R5000 is based on CIE C- $\gamma$  system and measures intensity distribution on C-planes or cone surfaces. It can also achieve CIE A- $\alpha$ , CIE B- $\beta$  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.



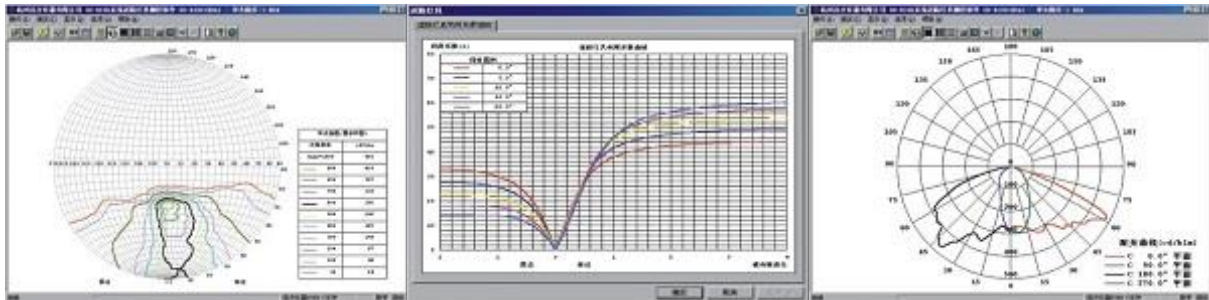
◆ Main Parameters :

- 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



◆ Model information

Model	GO-R5000-XXX-STD	GO-R5000-XXX-LRG	GO-R5000-XXX-SML	GO-R5000-XXX-CST
<b>Max. characteristics of lamps or luminaires</b>				
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

