

## Powell lens



### Key Features:

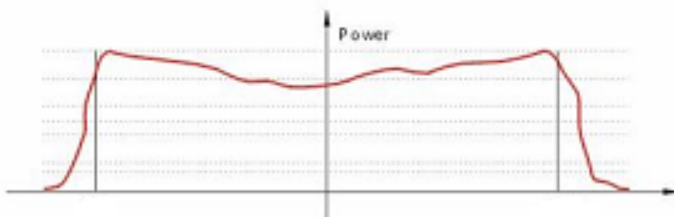
Accurate Fan Angle  
 Excellent uniformity  
 Handmade with High Precision

### Applications:

Laser Scanning  
 High Uniformity Line Laser

Model Number	SLGL-05-090-25-X	
Optical Parameters	Specs	Conditions
Wavelength	Red or green	
Angle degree	5°, 10°, 20°, 30°, 45°, 53°, 60°, 70°, 75°, 85°, 90°, 96°	
Angle tolerance	±0.5° @ 10°, 45°, 53°, 60°, 70°, 75°, 85°, 90°, 96° 0°~2° @ 30° ±1° @ 5°, 20°	
Beam Diameter	Ø 0.67, Ø1.04, Ø 1.29, Ø1.3, Ø 1.4, Ø 1.76, Ø1.95, Ø2.07, Ø2.4, Ø2.53, Ø2.6, Ø2.85, Ø3.6, Ø4.28	@1/e <sup>2</sup> and in mm
Line Intensity Uniformity	≤25%, ≤35%, ≤45%	Pmax. – Pmin.
Dimension	X=Φ 8.92±0.02, Y= 6×4.6	mm
Length	7~9	mm

### Typical Output Performance



### SLGL-05-090-25-X

**05:** Angle degree: 5 degree

**090:** Beam Diameter (1/e<sup>2</sup>) in mm: 0.9mm

**25:** Line Intensity Uniformity ≤25%

**X:** Dimension in mm, X=Φ 8.92±0.02

**Dimensions (Unit: mm):**

