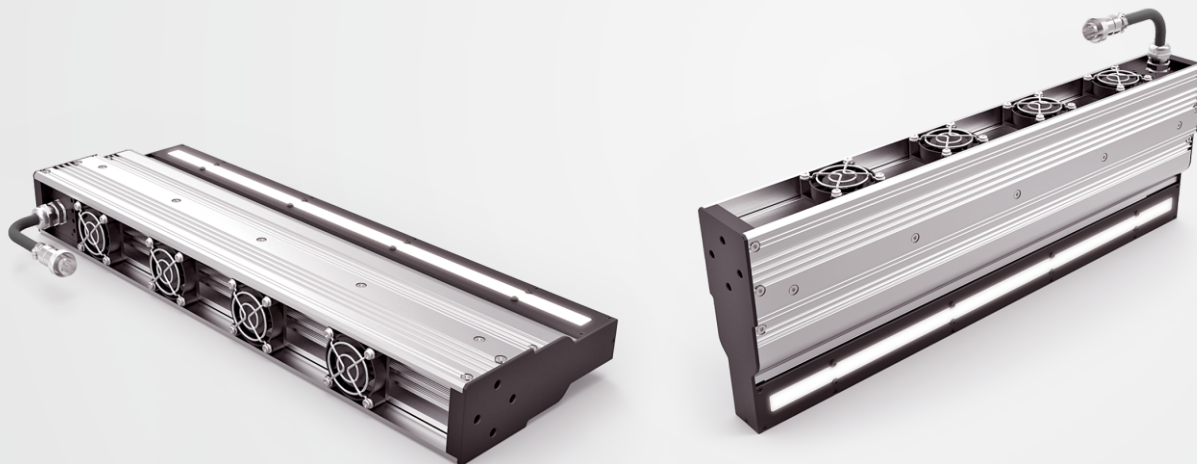


High Intensity Coaxial Line Scan Lights **OPT-LSGC Series New**



Product Features

- Optimized optical structure for high intensity inspection
- Compatible with the inspection of both highly reflective and matt surfaces
- Highly directional illumination

Application Cases

- High-speed line scan inspection
- Reflective surface inspection
- Printing inspection

Selection Guide

OPT-LSGC134

- Length
- High intensity coaxial line scan light
- Brand name

Customizable Items



Color



Mounting



Connector

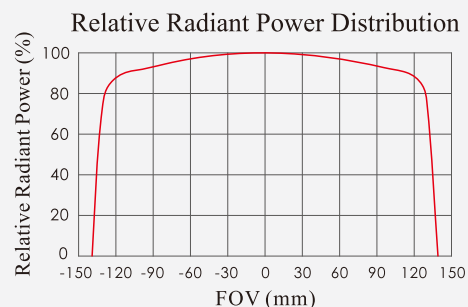
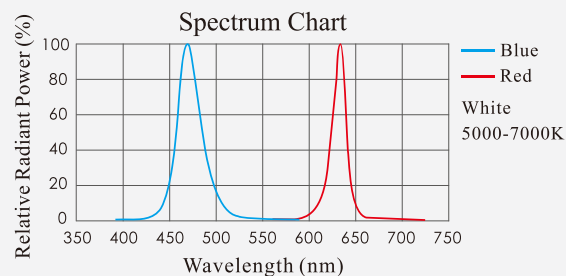
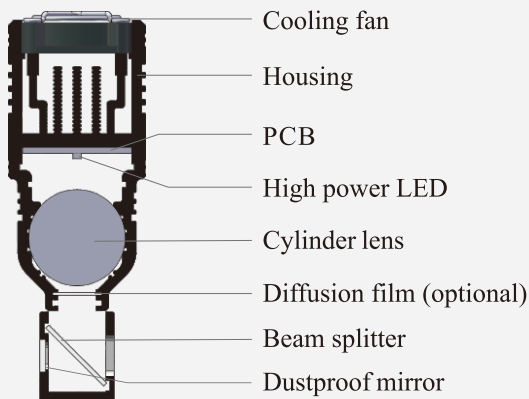


Heat dissipation



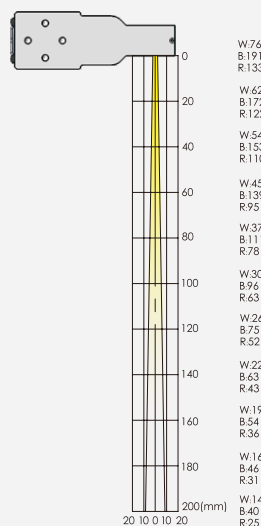
Size

Section Structure Drawing



Note: The data above is tested with OPT-LSGC286-R at 20mm WD. It is for reference only.

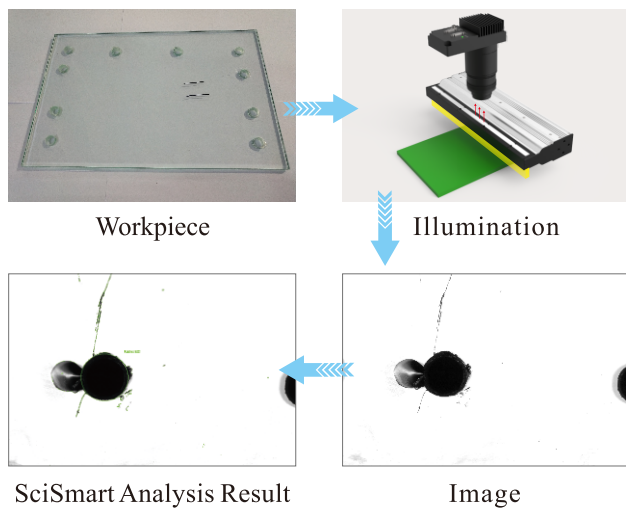
Light Spot and Illuminance at Different WDs



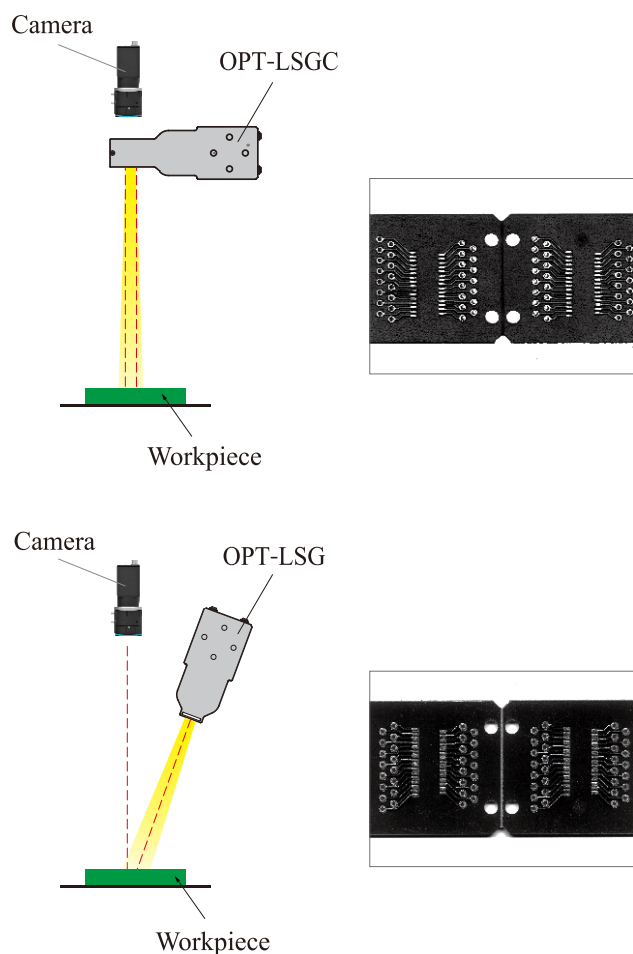
- Notes:
1. Illuminance unit (kLux)
 2. Models below are used in the test, OPT-LSGC414-W, OPT-LSGC414-B, OPT-LSGC286-R
 3. The test data is for reference only.

Application Example

Defects detection on glass surface



Application Feature



PCB inspection:

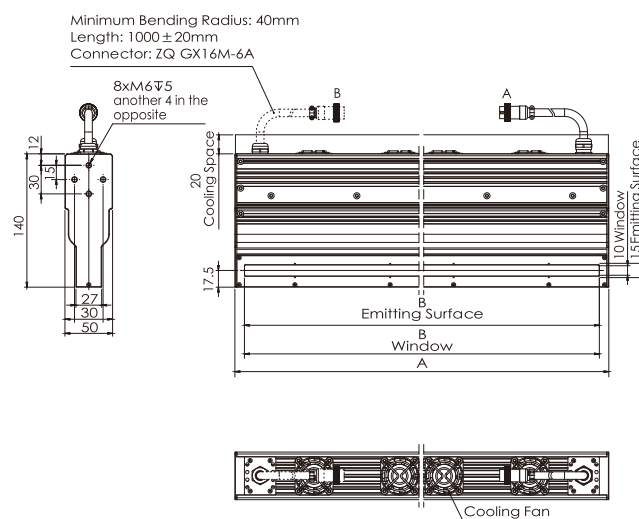
When measuring the size of the hole on PCB, OPT-LSGC series light can effectively eliminate shadow interference to show the whole contour, while OPT-LSG series light cannot.

Model Table

No.	Model	Color	* Output	Channels	Recommended controller	Length A(mm)	Emitting B(mm)
1	OPT-LSGC134	○●	1.4A/33.6W	1	OPT-DPA6024	134	104
2	OPT-LSGC190	○●	2.1A/50.4W	1	OPT-DPA6024	190	170
3	OPT-LSGC246	○●	2.8A/67.2W	1	OPT-DPA6024	246	226
4	OPT-LSGC358	○●	4.2A/100.8W	1	OPT-DPA6024	358	338
5	OPT-LSGC414	○●	4.9A/117.6W	1	OPT-DPA6024	414	394
6	OPT-LSGC470	○●	5.6A/134.4W	1	OPT-DPA6024	470	450
7	OPT-LSGC526	○●	6.3A/216.0W	2	OPT-DPA6024	526	506
8	OPT-LSGC110	●	0.4A/9.6W	1	OPT-DPA6024	110	90
9	OPT-LSGC198	●	0.8A/19.2W	1	OPT-DPA6024	198	178
10	OPT-LSGC286	●	1.2A/28.8W	1	OPT-DPA6024	286	266
11	OPT-LSGC374	●	1.6A/38.4W	1	OPT-DPA6024	374	354
12	OPT-LSGC462	●	2.0A/48.0W	1	OPT-DPA6024	462	442
13	OPT-LSGC550	●	2.4A/57.6W	1	OPT-DPA6024	550	530

* Note: The data is for reference only.

Dimensions (mm)



* 1 channel: Port A available

* 2 channels: Port A and B available