

Ultra High Intensity Coaxial Line Scan Lights

OPT-LSSC Series **New**



Product Features

- Higher intensity compared to OPT-LSSC
- Compatible with the inspection of both reflective and matt surfaces
- Highly directional illumination

Application Cases

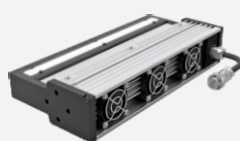
- Illumination for line scan cameras
- Film and glass surface inspection; foreign objects detection
- High-speed printing inspection

Selection Guide

OPT-LSSC272

- Length
- Ultra high intensity coaxial line scan light
- Brand name

Customizable Items



Color



Mounting



Connector

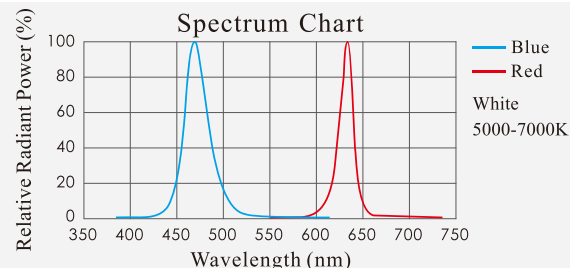
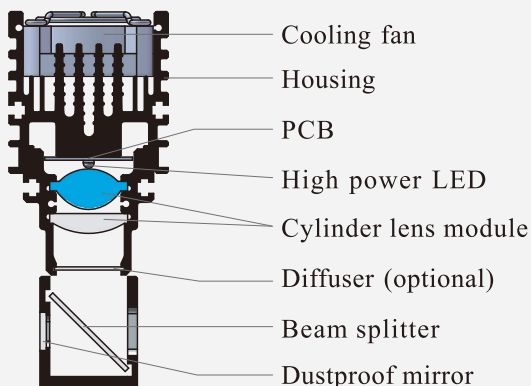


Heat dissipation

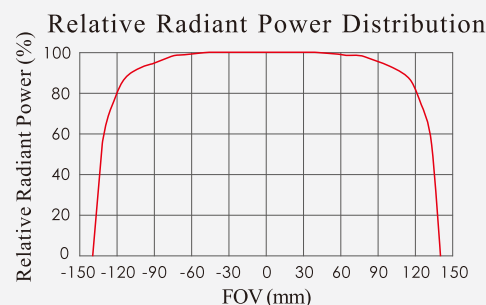


Size

Section Structure Drawing

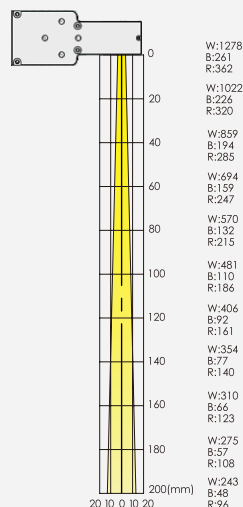


Note: The data is for reference only.



Note: The data above is tested with OPT-LSSC300-R at 20mm WD. It is for reference only.

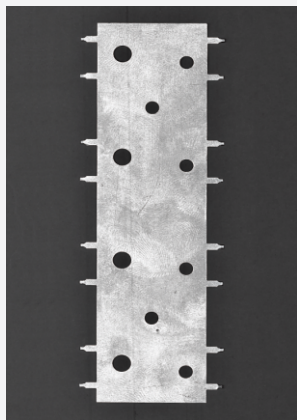
Light Spot and Illuminance at Different WDs



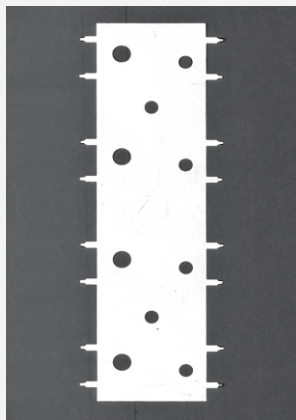
- Notes: 1. Illuminance unit (kLux)
2. Models below are used in the test,
OPT-LSSC440-W
OPT-LSSC272-B
OPT-LSSC412-R
3. The test data is for reference only.

Inspection Results Comparison

LSGC



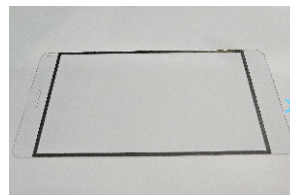
LSSC



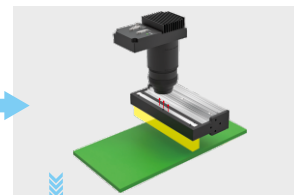
Shadow appears on object surface when OPT-LSGC series light is used, while OPT-LSSC can eliminate the interference.

Application Example

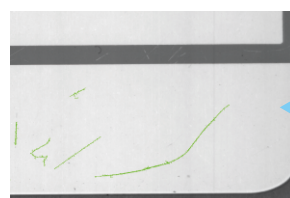
Scratches detection on transparent glass surface



Workpiece



Illumination



SciSmart Analysis Result



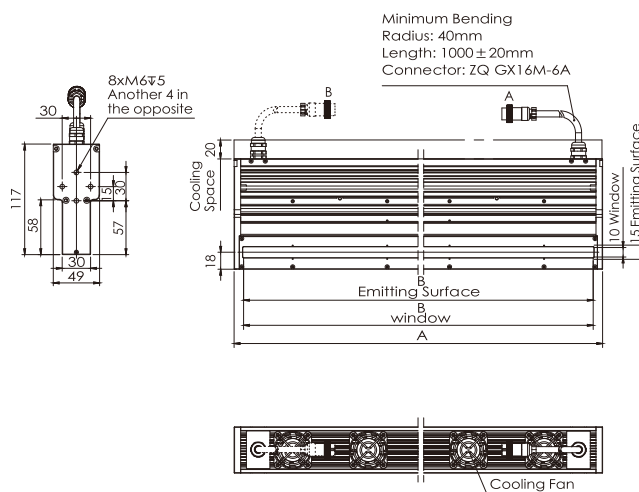
Image

Model Table

No.	Model	Color	* Output	Channels	Recommended controller	Length A(mm)	Emitting B(mm)
1	OPT-LSSC104	○	1.4A/33.6W	1	OPT-DPA6024	104	84
2	OPT-LSSC146	○	2.1A/50.4W	1	OPT-DPA6024	146	126
3	OPT-LSSC188	○	2.8A/67.2W	1	OPT-DPA6024	188	168
4	OPT-LSSC230	○	3.5A/84W	1	OPT-DPA6024	230	210
5	OPT-LSSC272	○	4.2A/100.8W	1	OPT-DPA6024	272	252
6	OPT-LSSC314	○	4.9A/117.6W	1	OPT-DPA6024	314	294
7	OPT-LSSC356	○	5.6A/134.4W	2	OPT-DPA6024	356	336
8	OPT-LSSC398	○	6.3A/151.2W	2	OPT-DPA6024	398	379
9	OPT-LSSC440	○	7A/168W	2	OPT-DPA6024	440	420
10	OPT-LSSC482	○	7.7A/184.8W	2	OPT-DPA6024	482	462
11	OPT-LSSC524	○	8.4A/201.6W	2	OPT-DPA6024	524	504
12	OPT-LSSC132	●	1.4A/33.6W	1	OPT-DPA6024	132	102
13	OPT-LSSC188	●	2.1A/50.4W	1	OPT-DPA6024	188	168
14	OPT-LSSC244	●	2.8A/67.2W	1	OPT-DPA6024	244	224
15	OPT-LSSC300	●	3.5A/84W	1	OPT-DPA6024	300	280
16	OPT-LSSC356	●	4.2A/100.8W	1	OPT-DPA6024	356	336
17	OPT-LSSC412	●	4.9A/117.6W	1	OPT-DPA6024	412	392
18	OPT-LSSC468	●	5.6A/134.4W	2	OPT-DPA6024	468	448
19	OPT-LSSC524	●	6.3A/151.2W	2	OPT-DPA6024	524	504

* Note: The data is for reference only.

Dimensions (mm)



* 1 channel: Port A available

* 2 channels: Port A and B available