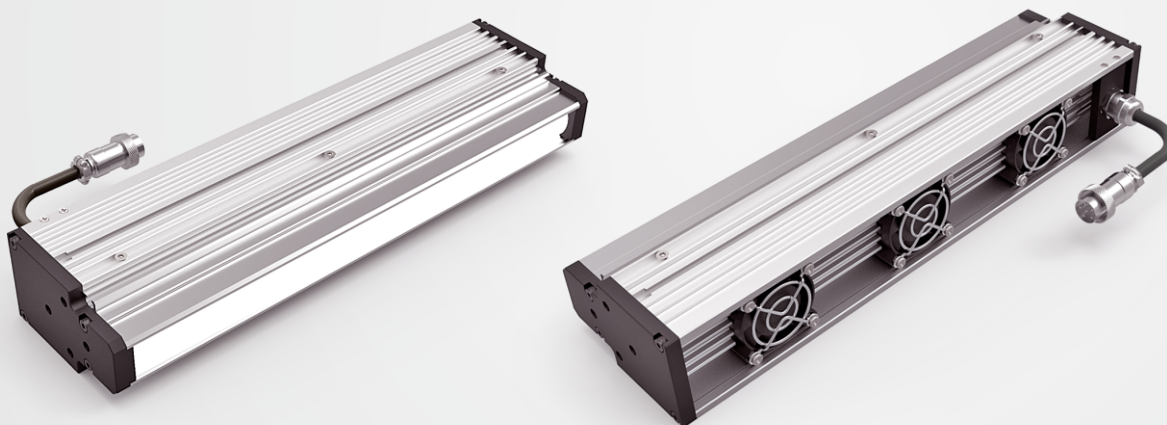


Ultra High Intensity Line Scan Lights **OPT-LSS Series New**



Product Features

- Illuminance up to 1900K lux
- Low divergence angle, suitable for long working distance applications
- Diffuser film optional, suitable for highly reflected workpiece illumination, or used as backlight

Application Cases

- Ultra high-speed line scan inspection
- Long distance line scan inspection
- High-speed printing inspection

Selection Guide

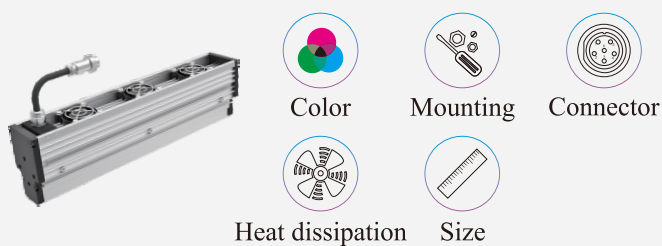
OPT-LSS104

→ Length

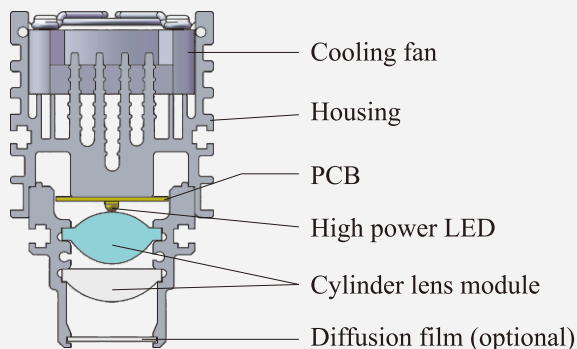
→ Ultra high intensity line scan light

→ Brand name

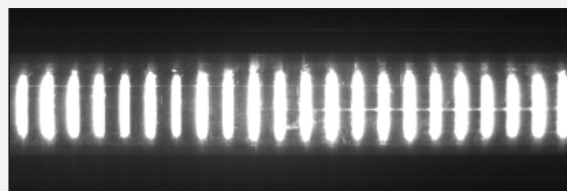
Customizable Items



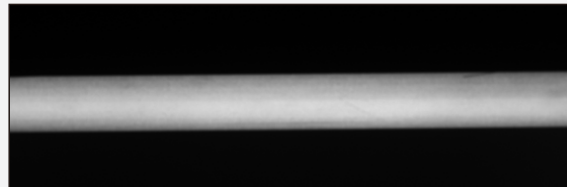
Section Structure Drawing



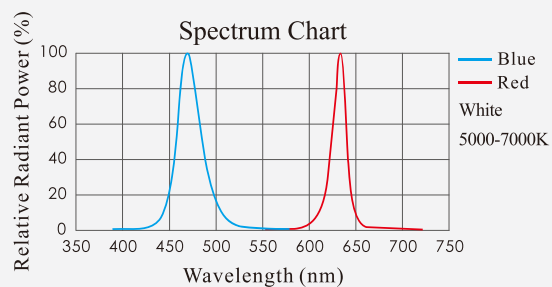
Special Customization



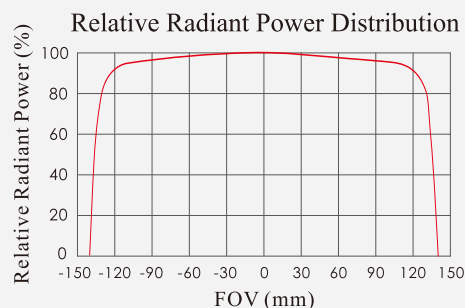
LEDs are visible when inspecting highly reflective surface with a standard light.



The LEDs are invisible when using the custom light. The intensity decreases by 20%-40% with the corresponding working distances.

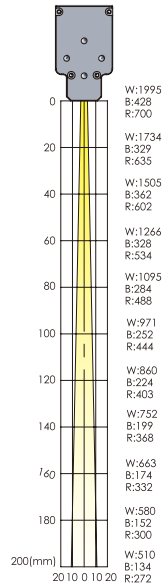


Note: The data is for reference only.



Note: The data above is tested with OPT-LSS300-R at 20mm WD. It is for reference only.

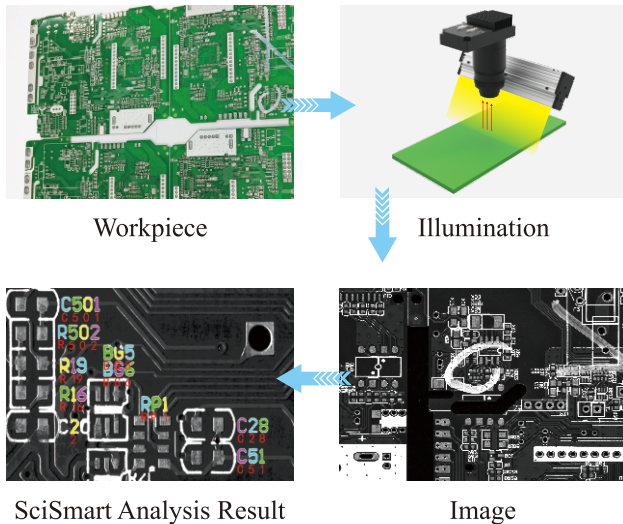
Light Spot and Illuminance at Different WDs



Notes: 1. Illuminance unit (kLux)
 2. Models below are used in the test,
 OPT-LSS272-W
 OPT-LSS272-B
 OPT-LSS412-R
 3. The test data is for reference only.

Application Example

OCR for PCB



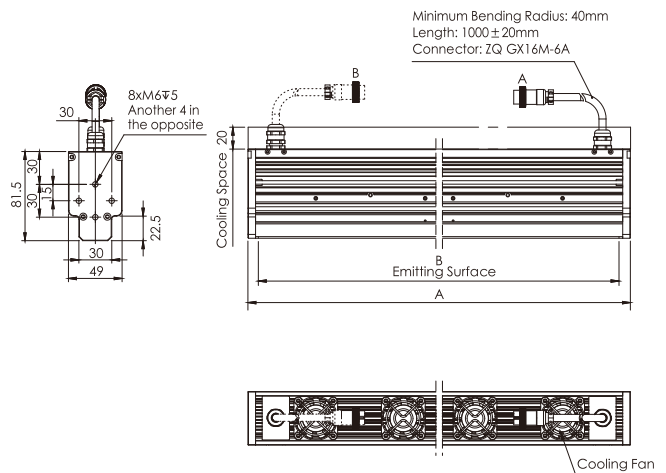
Model Table

No.	Model	Color	* Output	Channels	Recommended controller	Length A(mm)	Emitting B(mm)
1	OPT-LSS104	○ ●	1.4A/33.6W	1	OPT-DPA6024	104	84
2	OPT-LSS146	○ ●	2.1A/50.4W	1	OPT-DPA6024	146	126
3	OPT-LSS188	○ ●	2.8A/67.2W	1	OPT-DPA6024	188	168
4	OPT-LSS230	○ ●	3.5A/84.0W	1	OPT-DPA6024	230	210
5	OPT-LSS272	○ ●	4.2A/100.8W	1	OPT-DPA6024	272	252
6	OPT-LSS314	○ ●	4.9A/117.6W	1	OPT-DPA6024	314	294
7	OPT-LSS356	○ ●	5.6A/134.4W	2	OPT-DPA6024	356	336

No.	Model	Color	* Output	Channels	Recommended controller	Length A(mm)	Emitting B(mm)
8	OPT-LSS398	○ ●	6.3A/151.2W	2	OPT-DPA6024	398	378
9	OPT-LSS440	○ ●	7.0A/168.0W	2	OPT-DPA6024	440	420
10	OPT-LSS482	○ ●	7.7A/184.8W	2	OPT-DPA6024	482	462
11	OPT-LSS524	○ ●	8.4A/201.6W	2	OPT-DPA6024	524	504
12	OPT-LSS132	●	1.4A/33.6W	1	OPT-DPA6024	132	112
13	OPT-LSS188	●	2.1A/50.4W	1	OPT-DPA6024	188	168
14	OPT-LSS244	●	2.8A/67.2W	1	OPT-DPA6024	244	224
15	OPT-LSS300	●	3.5A/84W	1	OPT-DPA6024	300	280
16	OPT-LSS356	●	4.2A/100.8W	1	OPT-DPA6024	356	336
17	OPT-LSS412	●	4.9A/117.6W	1	OPT-DPA6024	412	392
18	OPT-LSS468	●	5.6A/134.4W	2	OPT-DPA6024	468	448
19	OPT-LSS524	●	6.3A/151.2W	2	OPT-DPA6024	524	504

Notes: 1. Customizable size: Length of white and blue lights is increased by multiples of 42mm; length of red lights is increased by multiples of 56mm.
 *2. The data above is for reference only.

Dimensions (mm)



* 1 channel: Port A available
 * 2 channels: Port A and B available