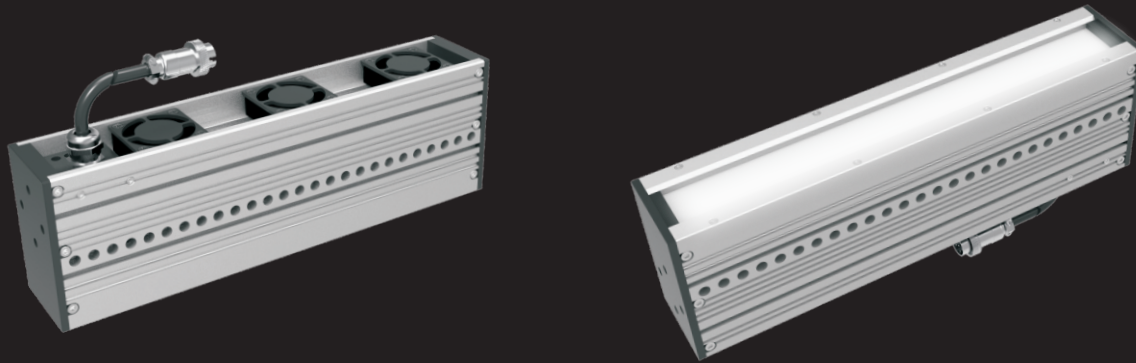


High Power Line Scan Lights OPT-LSS series



Product Features

- 1 Maximum brightness can reach up to 1.8M lux
- 2 For high brightness requirements
- 3 High-uniformity, ultra-compact size
- 4 Available as various installations
- 5 Unique cooling design

Application Cases

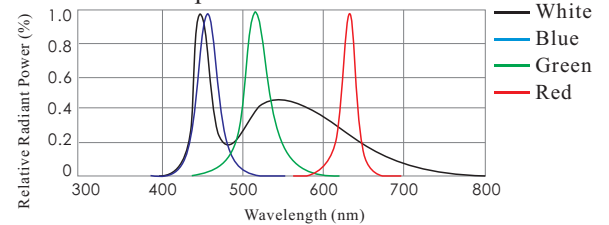
- ◆ High-speed online inspection
- ◆ High intensity for long working distances
- ◆ High-speed print inspection

Selection Guide

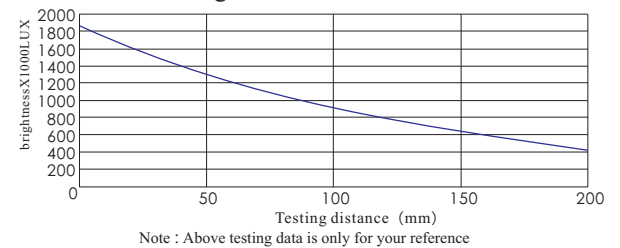
OPT-LSS62

- Length
- High-intensity line scan light
- OPT

Spectrum Chart

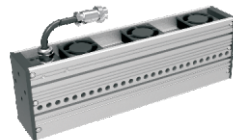


Brightness over distance

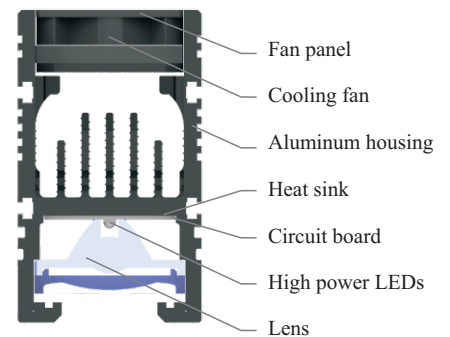


Customization Options

- Color
- Connector
- Size
- Mount method
- Cooling mode
- Working way



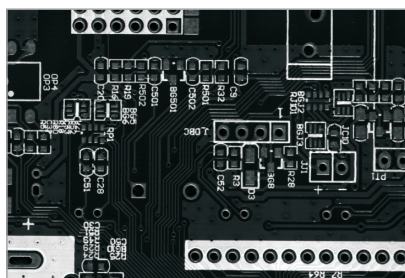
Section Structure Drawing



Application Example



Inspecting printing on the surface of beer cans



Letter reading on PCB boards



Printing inspection

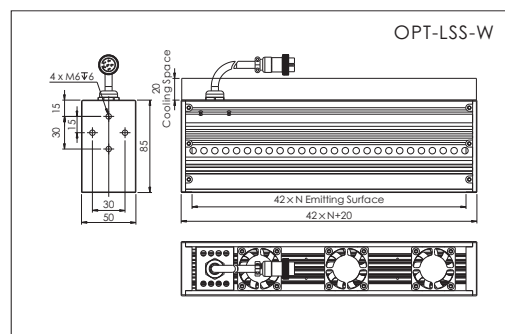
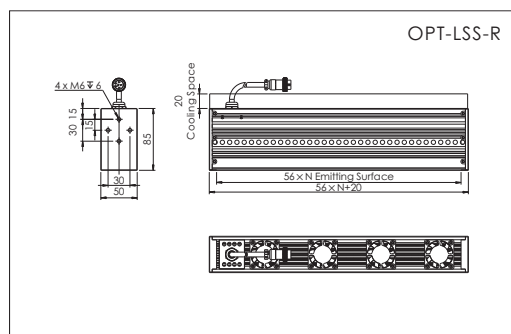
Model Table

No.	Model	Output power	Color	Number of channels	Recommended controller
1	OPT-LSS62F	0.7A/16.8W	○	1	OPT-DPA6024
2	OPT-LSS104F	1.4A/33.6W	○	1	OPT-DPA6024
3	OPT-LSS146F	2.1A/50.4W	○	1	OPT-DPA6024
4	OPT-LSS188F	2.8A/67.2W	○	1	OPT-DPA6024
5	OPT-LSS230F	3.5A/84W	○	1	OPT-DPA6024
6	OPT-LSS272F	4.2A/100.8W	○	1	OPT-DPA6024
7	OPT-LSS356F	5.6A/134.4W	○	2	OPT-DPA6024
8	OPT-LSS440F	7A/168W	○	2	OPT-DPA6024

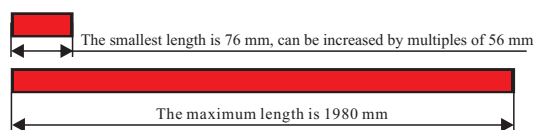
★ 1. White and red light source's illuminate distance is different from blue, green.
2. Blue and green light source are customized.

No.	Model	Power output	Color	Number of channels	Recommended controller
9	OPT-LSS76F	0.7A/16.8W	●	1	OPT-DPA6024
10	OPT-LSS132F	1.4A/33.6W	●	1	OPT-DPA6024
11	OPT-LSS188F	2.1A/50.4W	●	1	OPT-DPA6024
12	OPT-LSS244F	2.8A/67.2W	●	1	OPT-DPA6024
13	OPT-LSS300F	3.5A/84W	●	1	OPT-DPA6024
14	OPT-LSS356F	4.2A/100.8W	●	1	OPT-DPA6024
15	OPT-LSS468F	5.6A/134.4W	●	2	OPT-DPA6024
16	OPT-LSS580F	7A/168W	●	2	OPT-DPA6024

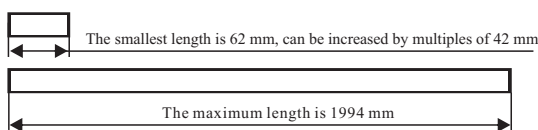
Dimensional Drawings [mm]



Customizable length



The smallest length of a red light is 76 mm, can be increased by multiples of 56 mm up to 1980 mm. Other lengths are available as customized versions. Remark: For the number of light channels please refer to the parameter chart



The smallest length of white lights is 62 mm, can be increased by multiples of 42 mm up to 1994 mm. Other lengths are available as customized versions. Remark: For the number of light channels please refer to the parameter chart.

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