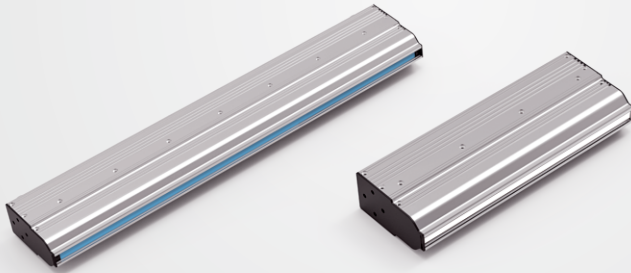


High Intensity Line Scan Lights

OPT-LSG Series



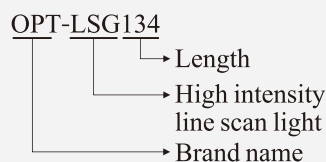
Product Features

- Illuminance up to 1400K lux
- Low divergence angle, suitable for long working distance applications
- Diffuser film optional, suitable for highly reflected workpiece illumination, or used as backlight

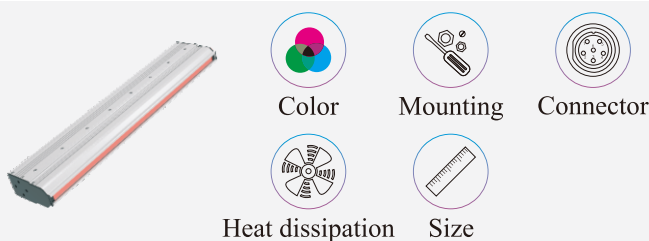
Application Cases

- Mobile phone screen surface inspection
- Aluminum foil surface inspection
- Steel surface inspection

Selection Guide



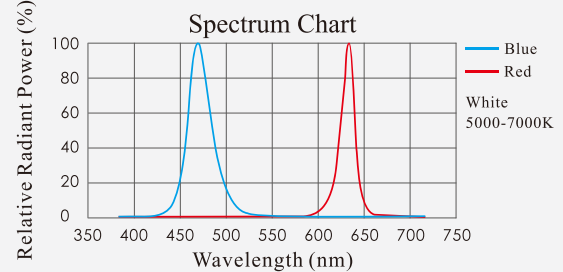
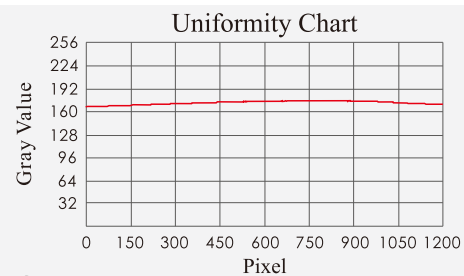
Customizable Items



Model Table

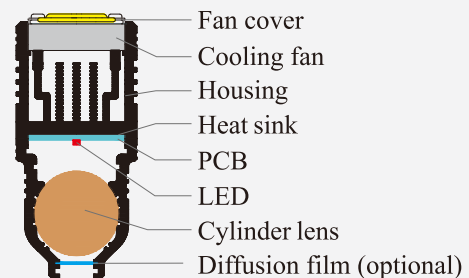
No.	Model	Color	* Output	Channels	Recommended controller	Length A(mm)	Emitting B(mm)
1	OPT-LSG134	●○	1.4A/33.6W	1	OPT-DPA6024	134	112
2	OPT-LSG246	●○	2.8A/67.2W	1	OPT-DPA6024	246	224
3	OPT-LSG358	●○	4.2A/100.8W	1	OPT-DPA6024	358	336
4	OPT-LSG470	●○	5A/120W	1	OPT-DPA6024	470	448
5	OPT-LSG582	●○	7A/168W	2	OPT-DPA6024	582	560
6	OPT-LSG694	●○	8.4A/201.6W	2	OPT-DPA6024	694	672
7	OPT-LSG806	●○	9.6A/230.4W	2	OPT-DPA6024	806	784
8	OPT-LSG918	●○	11.2A/268.8W	3	OPT-DPA6024(2pcs)	918	896
9	OPT-LSG1254	●○	13.2A/316.8W	3	OPT-DPA6024(2pcs)	1254	1232
10	OPT-LSG110	●●	0.4A/9.6W	1	OPT-DPA6024	110	88
11	OPT-LSG198	●●	0.8A/19.2W	1	OPT-DPA6024	198	176
12	OPT-LSG286	●●	1.2A/28.8W	1	OPT-DPA6024	286	264
13	OPT-LSG374	●●	1.6A/38.4W	1	OPT-DPA6024	374	352
14	OPT-LSG550	●●	2.4A/57.6W	1	OPT-DPA6024	550	528

Note: 1. Customizable size: Length of white and blue lights is increased by multiples of 56mm, and length of red lights by multiples of 88mm.
2. The data above is for reference only.



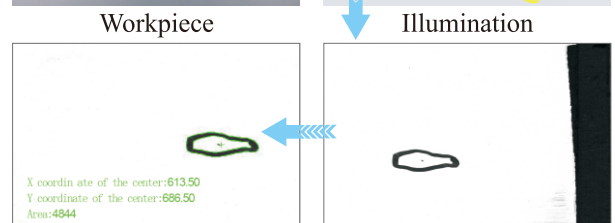
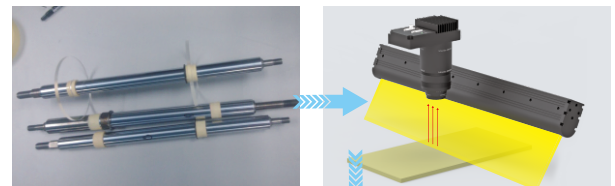
Note: The data is for reference only.

Section Structure Drawing



Application Example

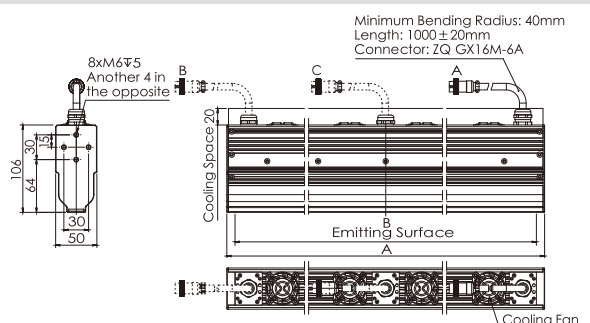
- Bearing surface inspection



SciSmart Analysis Result

Image

Dimensions (mm)



- * 1 channel: Port A available
- * 2 channels: Port A and B available
- * 3 channels: Port A, B and C available