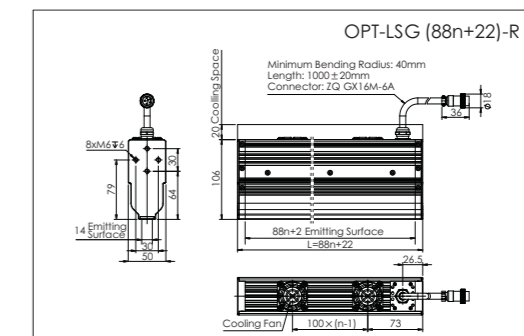
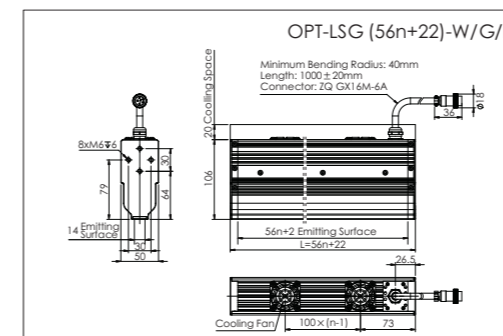


Model Table

No.	Model	Color	Output	Channel	Recommended controller
1	OPT-LSG134	RGB	1.4A/33.6W	1	OPT-DPA6024
2	OPT-LSG246	RGB	2.8A/67.2W	1	OPT-DPA6024
3	OPT-LSG358	RGB	4.2A/100.8W	1	OPT-DPA6024
4	OPT-LSG470	RGB	5A/120W	1	OPT-DPA6024
5	OPT-LSG582	RGB	7A/168W	2	OPT-DPA6024
6	OPT-LSG694	RGB	8.4A/201.6W	2	OPT-DPA6024
7	OPT-LSG806	RGB	9.6A/230.4W	2	OPT-DPA6024

No.	Model	Color	Output	Channel	Recommended controller
8	OPT-LSG918	RGB	11.2A/268.8W	3	OPT-DPA6024
9	OPT-LSG1254	RGB	13.2A/316.8W	3	OPT-DPA6024
10	OPT-LSG1110	Red	0.4A/9.6W	1	OPT-DPA6024
11	OPT-LSG198	Red	0.8A/19.2W	1	OPT-DPA6024
12	OPT-LSG286	Red	1.2A/28.8W	1	OPT-DPA6024
13	OPT-LSG374	Red	1.6A/38.4W	1	OPT-DPA6024
14	OPT-LSG550	Red	2.4A/57.6W	1	OPT-DPA6024

Dimensional Drawings [mm]



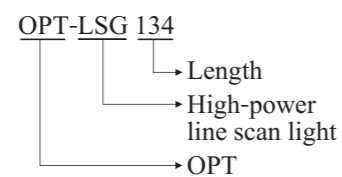
Product Features

- 1 First choice for long working distance line scan applications, customized basing on different working distance
- 2 High-power LEDs and special cylinder lens for high speed line scan applications
- 3 Standard intensity can reach 750,000 lux at max; customized intensity can reach 1,000,000 lux at max

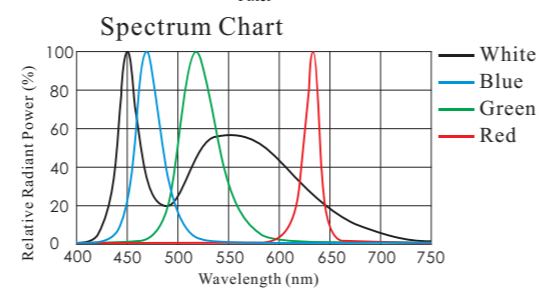
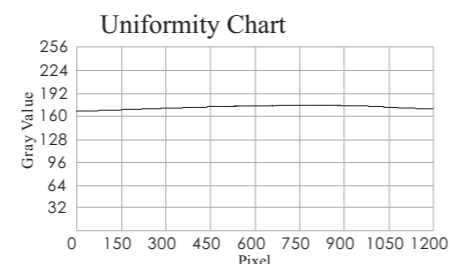
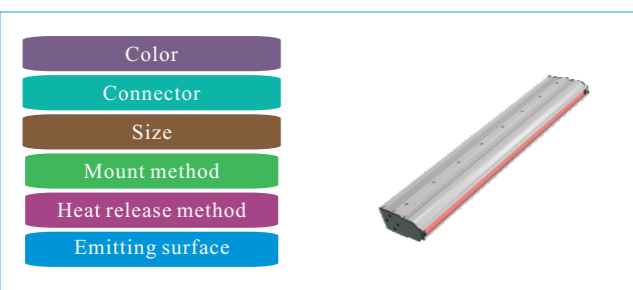
Application Cases

- ◆ Inspection of mobile screen surface
- ◆ Inspection of aluminum foil surface for scratches
- ◆ Inspection of steel surface

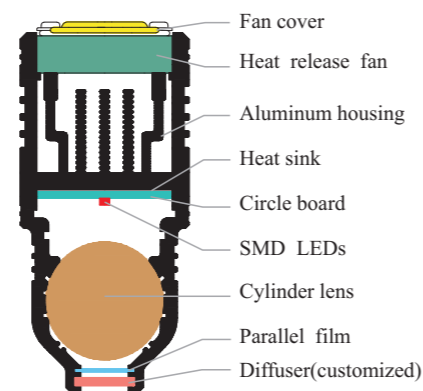
Selection Guide



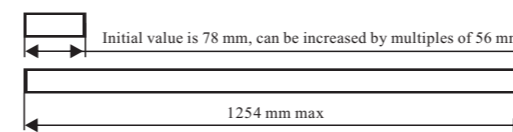
Customization Options



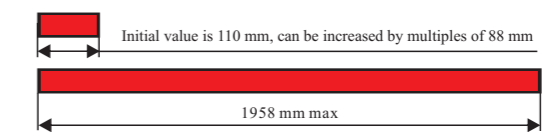
Section Structure Drawing



Customizable length



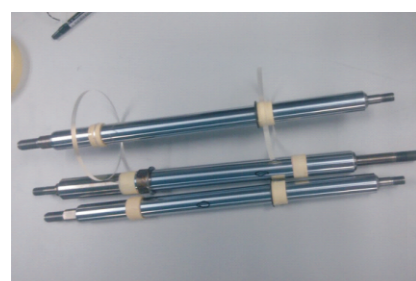
Length of white, green, and yellow lights can be increased by multiples of 56mm up to 1254mm, initial value is 78mm. Other lengths are available as customized versions. Remark: please refer to the parameter chart for the number of light channels.



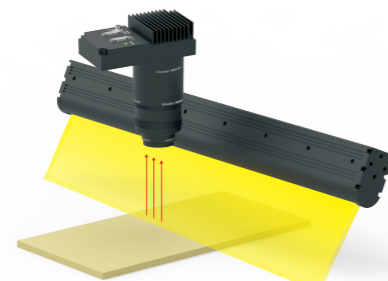
Length of red light can be increased by multiples of 88mm up to 1958mm, initial value is 110mm. Other lengths are available as customized versions. Remark: please refer to the parameter chart for the number of light channels.

Application Example

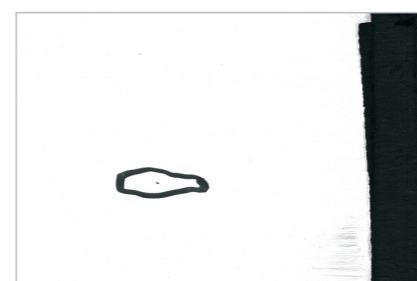
Bearing surface inspection



Original Image



Illuminated



Result Image