

Direct Backlight **OPT-FL Series**



Product Features

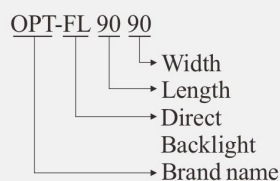
Main Features

- High intensity and uniformity. Standard models uniformity > 85%, customized product can reach 95%.
- Maximized emitting surface for applications in constrained space.
- Flexible mounting, can be installed from the front, back and side.

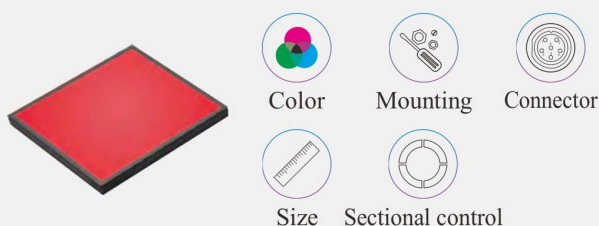
Application Cases

- Gauging for mechanical parts
- Electronic components/IC package inspection
- Film stain detection
- Scratches detection on transparent objects

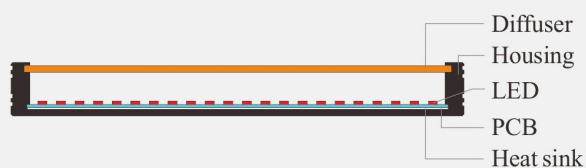
Selection Guide



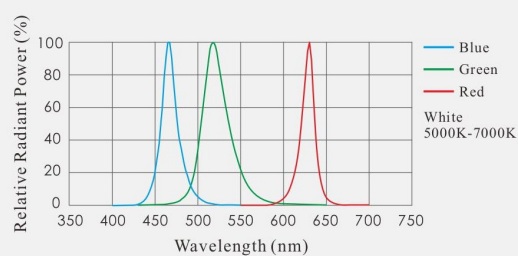
Customizable Items



Section Structure Drawing

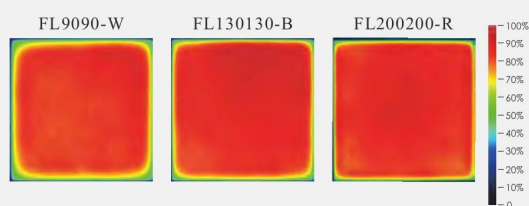


Spectrum Chart

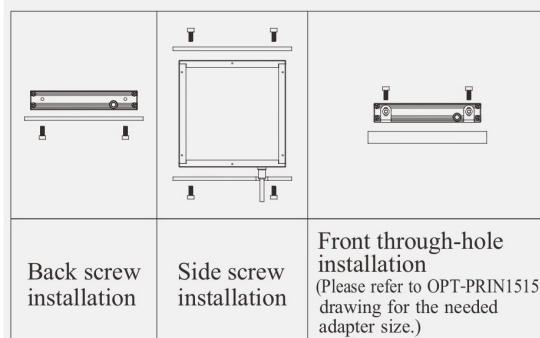


Series features

Uniformity

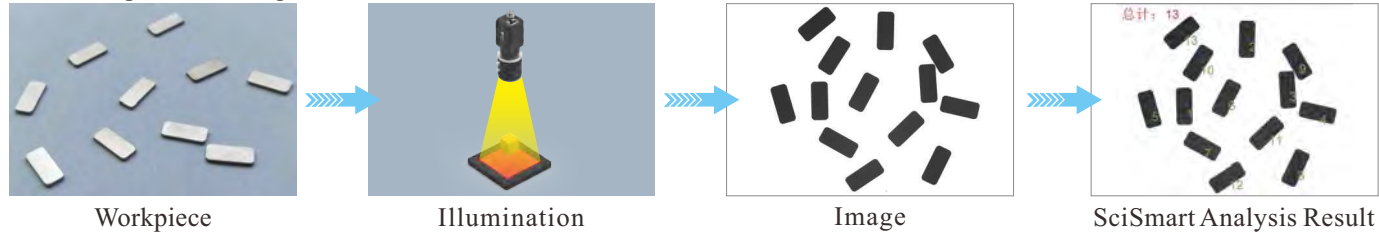


Various way of installation



Application Cases

■ Metal parts counting



Model Table

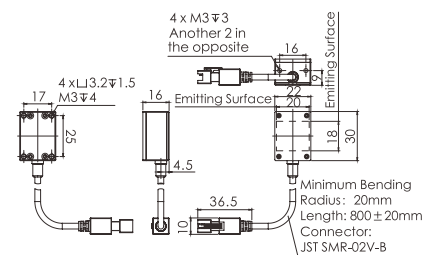
No.	Model	Color	* Input	Recommended controller
1	OPT-FL3022	○	1.6W@24V	OPT-DPA2024E
		●	1.3W@24V	
		●	1.2W@24V	
		●	1.4W@24V	
2	OPT-FL4336	○	2.7W@24V	
		●	2.0W@24V	
		●	2.3W@24V	
		●	2.6W@24V	
3	OPT-FL5244	○	3.4W@24V	
		●	3W@24V	
		●	2.9W@24V	
		●	3.3W@24V	
4	OPT-FL6254	○	4.9W@24V	
		●	4.4W@24V	
		●	4.1W@24V	
		●	4.3W@24V	
5	OPT-FL7070	○	6.3W@24V	
		●	4.7W@24V	
		●	4.6W@24V	
		●	5.3W@24V	
6	OPT-FL9090	○	8W@24V	
		●	6.6W@24V	
		●	6.4W@24V	
		●	8W@24V	
7	OPT-FL110110	○	11.4W@24V	
		●	9.7W@24V	
		●	8.8W@24V	
		●	12.4W@24V	

No.	Model	Color	* Input	Recommended controller
8	OPT-FL130130	○	16W@24V	OPT-DPA2024E
		●	14W@24V	
		●	11W@24V	
		●	14.8W@24V	
9	OPT-FL150150	○	18.6W@24V	
		●	15.7W@24V	
		●	13.6W@24V	
		●	18.9W@24V	
10	OPT-FL175175	○	24.5W@24V	
		●	18.9W@24V	
		●	18.4W@24V	
		●	21.5W@24V	
11	OPT-FL200200	○	29W@24V	
		●	23.4W@24V	
		●	21.3W@24V	
		●	26.2W@24V	
12	OPT-FL225225	○	36.7W@24V	
		●	28.9W@24V	
		●	21.3W@24V	
		●	31.1W@24V	
13	OPT-FL250250	○	41.5W@24V	
		●	33.8W@24V	
		●	27.3W@24V	
		●	39.5W@24V	

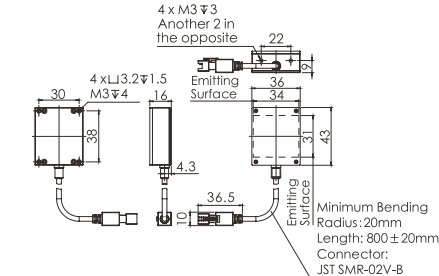
* Note: The data is for reference only.

Dimensions (mm)

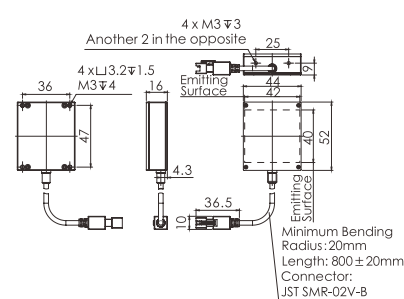
1.OPT-FL3022



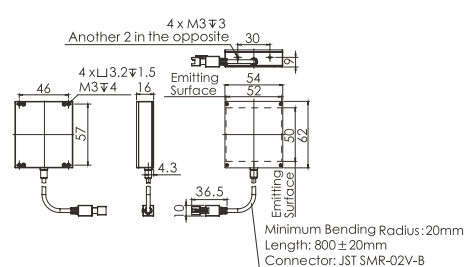
2.OPT-FL4336



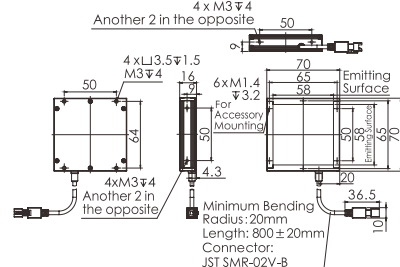
3.OPT-FL5244



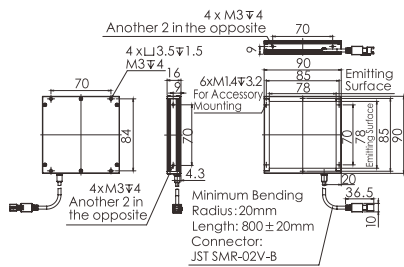
4.OPT-FL6254



5.OPT-FL7070

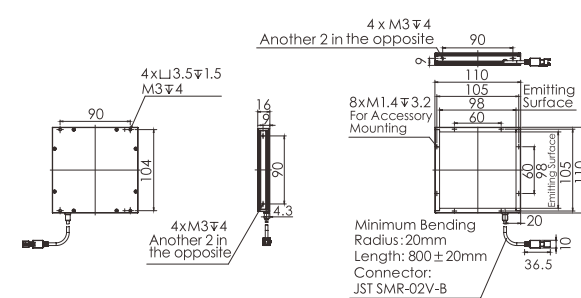


6.OPT-FL9090

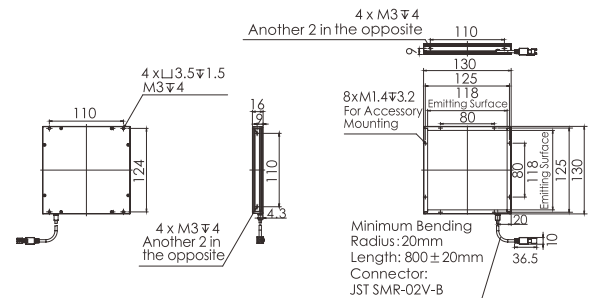


Dimensions (mm)

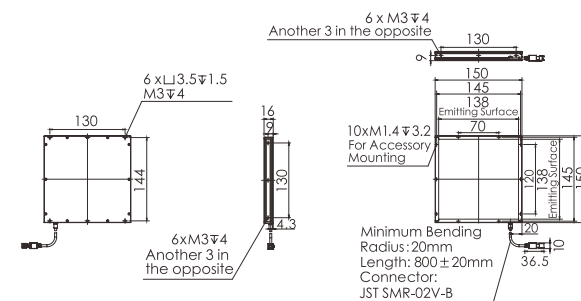
7.OPT-FL110110



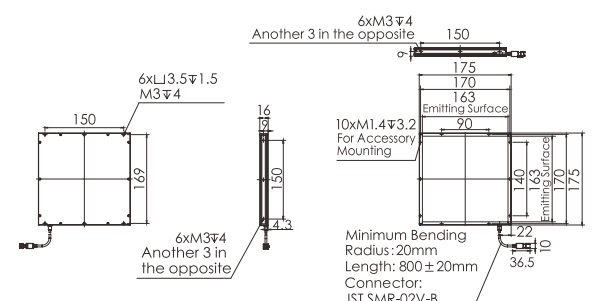
8.OPT-FL130130



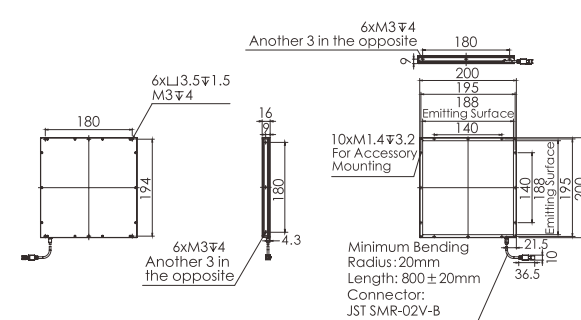
9.OPT-FL150150



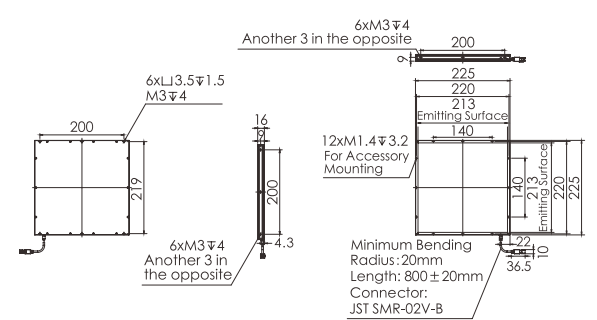
10.OPT-FL175175



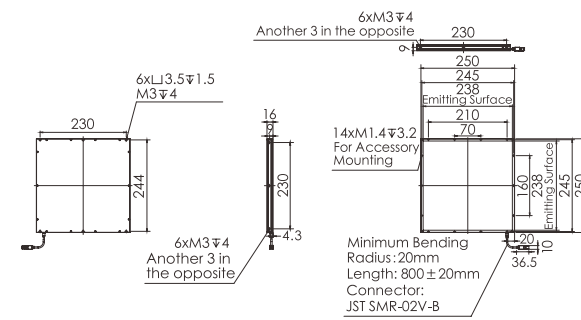
11.OPT-FL200200



12.OPT-FL225225



13.OPT-FL250250



14.OPT-PRIN1515

