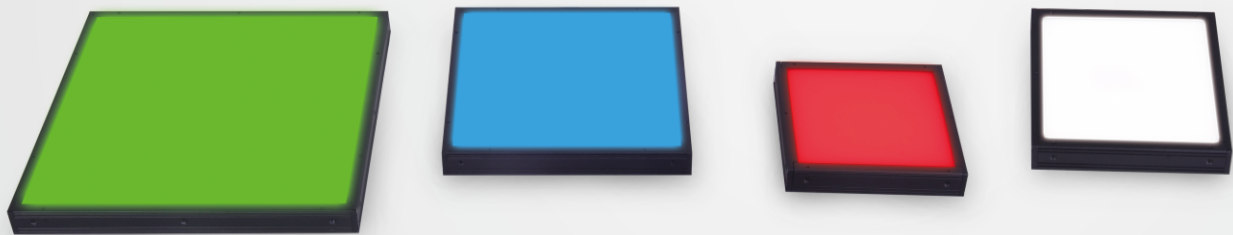


Bottom Backlights

OPT-FL Series **NEW**



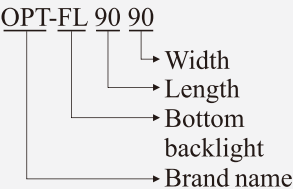
Product Features

- High intensity and uniformity
- Maximized emitting surface for applications in constrained spaces

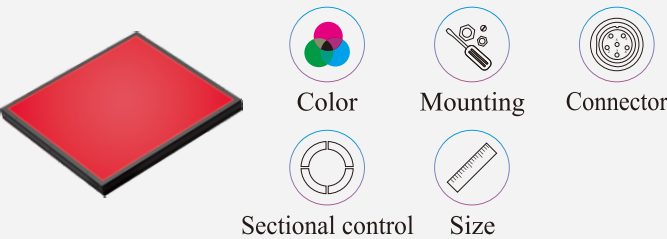
Application Cases

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

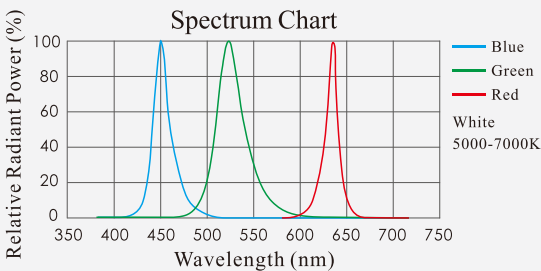
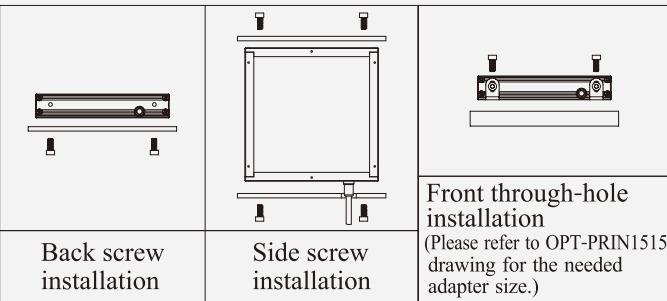
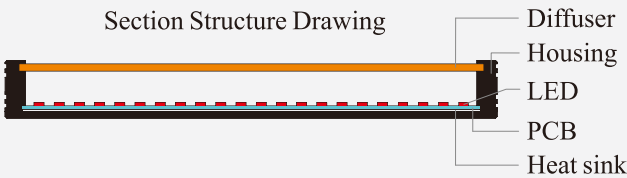
Selection Guide



Customizable Items



Section Structure Drawing



Note: The data is for reference only.

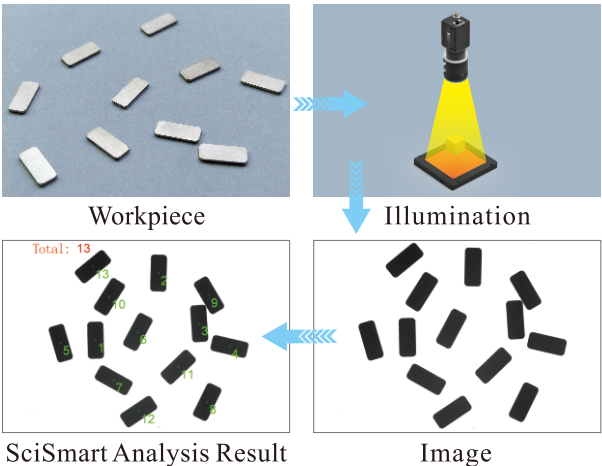
Intensity and Uniformity Upgrade

Model	FL9090 White	F1130130 Blue	FL200200 Red
Old version			
New version			

Note: According to the above data, the new-version FL lights have been improved in the intensity and uniformity compared to the old-version lights.

Application Example

- Metal parts counting



Model Table

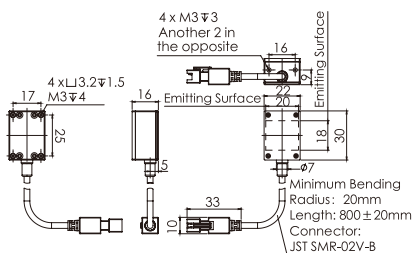
No.	Model	Color	* Output	Recommended controller
1	OPT-FL3022	○	24V/1.6W	OPT-DPA1024E OPT-DPA2024E
		●	24V/1.3W	
		●	24V/1.2W	
		●	24V/1.4W	
2	OPT-FL4336	○	24V/2.7W	OPT-DPA1024E OPT-DPA2024E
		●	24V/2.0W	
		●	24V/2.3W	
		●	24V/2.6W	
3	OPT-FL5244	○	24V/3.4W	OPT-DPA1024E OPT-DPA2024E
		●	24V/3W	
		●	24V/2.9W	
		●	24V/3.3W	
4	OPT-FL6254	○	24V/4.9W	OPT-DPA1024E OPT-DPA2024E
		●	24V/4.4W	
		●	24V/4.1W	
		●	24V/4.3W	
5	OPT-FL7070	○	24V/6.3W	OPT-DPA1024E OPT-DPA2024E
		●	24V/4.7W	
		●	24V/4.6W	
		●	24V/5.3W	
6	OPT-FL9090	○	24V/8W	OPT-DPA1024E OPT-DPA2024E
		●	24V/6.6W	
		●	24V/6.4W	
		●	24V/8W	
7	OPT-FL110110	○	24V/11.4W	OPT-DPA1024E OPT-DPA2024E
		●	24V/9.7W	
		●	24V/8.8W	
		●	24V/12.4W	

No.	Model	Color	* Output	Recommended controller
8	OPT-FL130130	○	24V/16W	OPT-DPA1024E OPT-DPA2024E
		●	24V/14W	
		●	24V/11W	
		●	24V/14.8W	
9	OPT-FL150150	○	24V/18.6W	OPT-DPA1024E OPT-DPA2024E
		●	24V/15.7W	
		●	24V/13.6W	
		●	24V/18.9W	
10	OPT-FL175175	○	24V/24.5W	OPT-DPA2024E
		●	24V/18.9W	
		●	24V/18.4W	
		●	24V/21.5W	
11	OPT-FL200200	○	24V/29W	OPT-DPA2024E
		●	24V/23.4W	
		●	24V/21.3W	
		●	24V/26.2W	
12	OPT-FL225225	○	24V/36.7W	OPT-DPA2024E
		●	24V/28.9W	
		●	24V/21.3W	
		●	24V/31.1W	
13	OPT-FL250250	○	24V/41.5W	OPT-DPA2024E
		●	24V/33.8W	
		●	24V/27.3W	
		●	24V/39.5W	

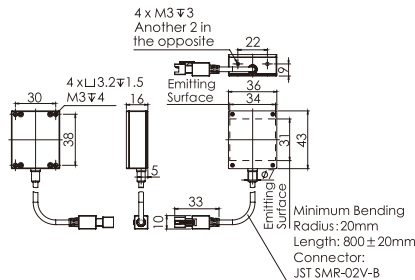
* Note: The data is for reference only.

Dimensions (mm)

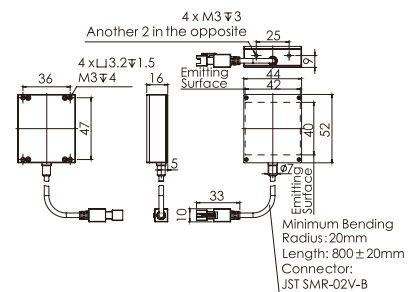
1.OPT-FL3022



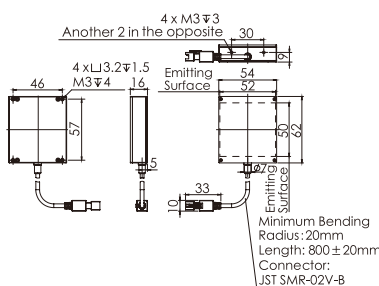
2.OPT-FL4336



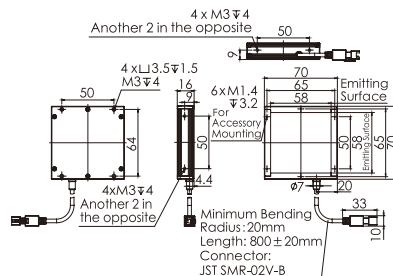
3.OPT-FL5244



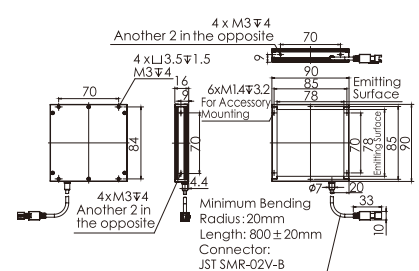
4.OPT-FL6254



5.OPT-FL7070

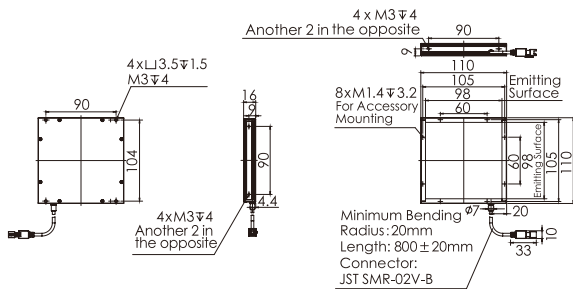


6.OPT-FL9090

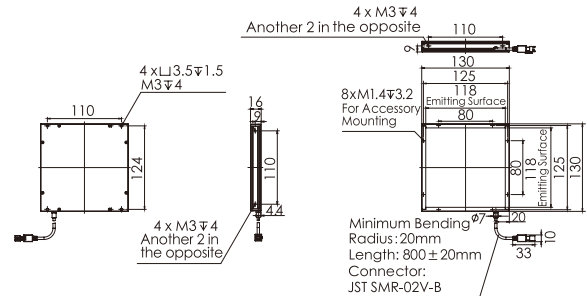


Dimensions (mm)

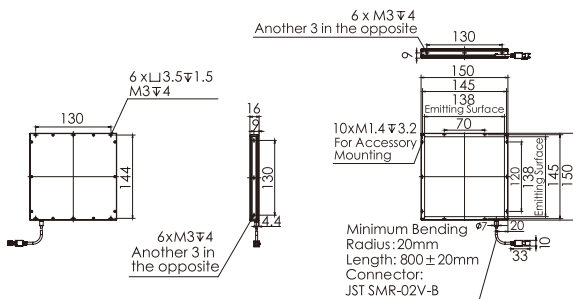
7.OPT-FL110110



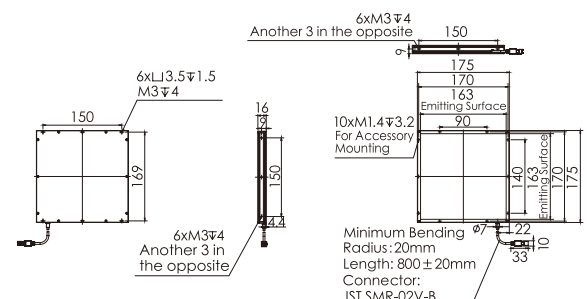
8.OPT-FL130130



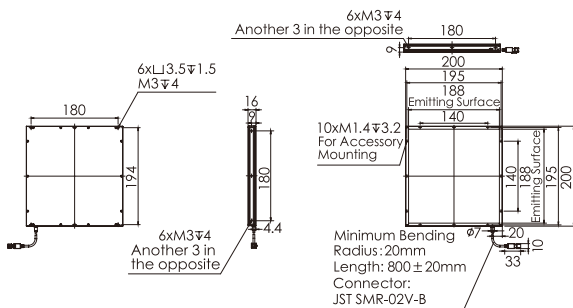
9.OPT-FL150150



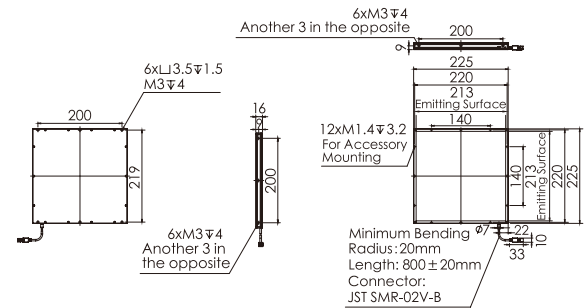
10.OPT-FL175175



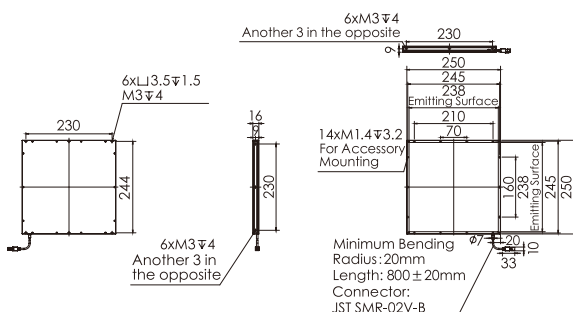
11.OPT-FL200200



12.OPT-FL225225



13.OPT-FL250250



14.OPT-PRIN1515

