

Side Backlights

OPT-FLC Series **NEW**



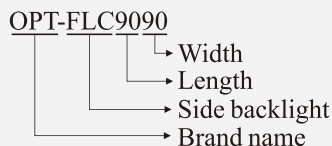
Product Features

- High intensity and uniformity
- Ultra-light and thin design minimum 6mm thickness, design for compact space
- Customized design available for large area uniform illumination

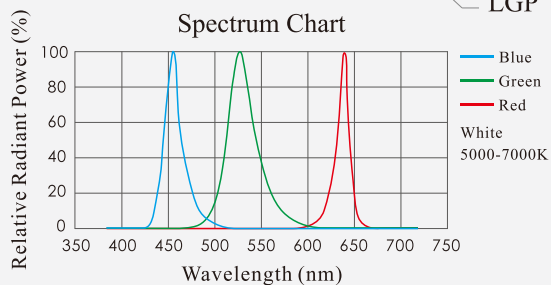
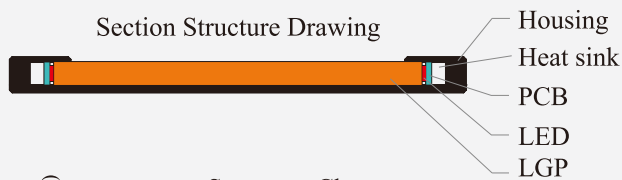
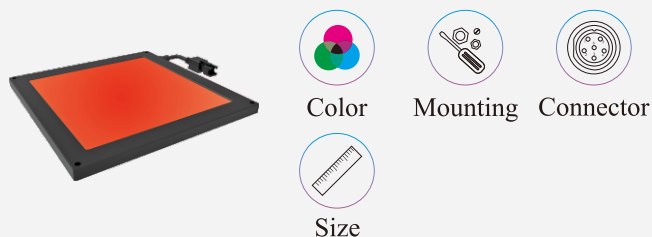
Application Cases

- Recognition and inspection for PCBs
- Gauging for workpieces
- LED defects detection

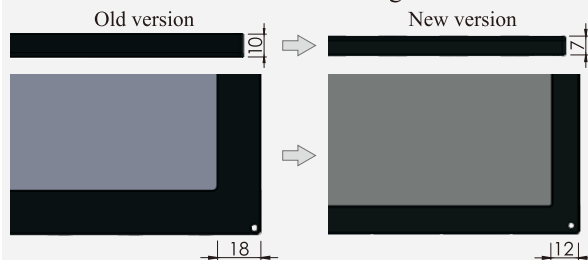
Selection Guide



Customizable Items



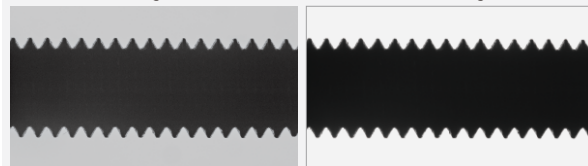
Dimensional Change



the new version FLC lights are thinner with narrower bezel and larger emitting surface, which are suitable for compact installation environment.

Customization option: Bright Enhancement Film (BEF)

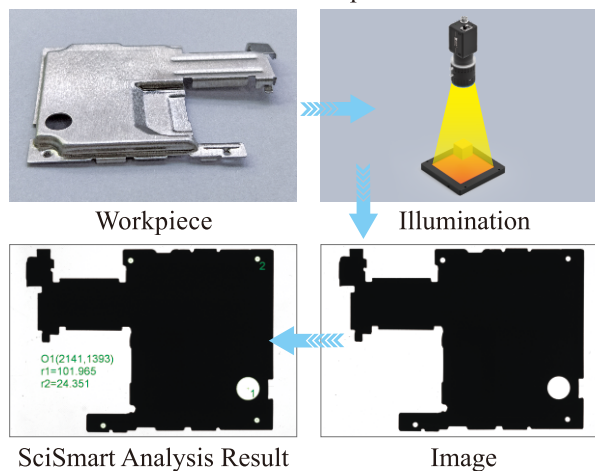
Standard FLC light without BEF Customized FLC Light with BEF



BEF helps improvement of light collimation and intensity.

Application Example

- Contour detection for metal parts



Model Table

No.	Model	Color	* Output	Recommended controller
1	OPT-FLC4034	○	24V/1.4W	OPT-DPA1024E OPT-DPA2024E
		●	24V/1.7W	
		●	24V/1.7W	
		●	24V/1.4W	
2	OPT-FLC5039	○	24V/1.8W	OPT-DPA1024E OPT-DPA2024E
		●	24V/1.7W	
		●	24V/1.7W	
		●	24V/1.7W	
3	OPT-FLC7070	○	24V/3.7W	OPT-DPA1024E OPT-DPA2024E
		●	24V/4.1W	
		●	24V/3.6W	
		●	24V/4.4W	
4	OPT-FLC9090	○	24V/6.5W	OPT-DPA1024E OPT-DPA2024E
		●	24V/5.4W	
		●	24V/4.7W	
		●	24V/6W	
5	OPT-FLC110110	○	24V/8W	OPT-DPA1024E OPT-DPA2024E
		●	24V/6.7W	
		●	24V/7W	
		●	24V/7.2W	

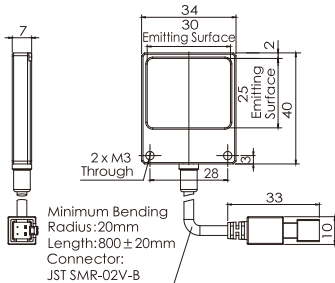
Model Table

No.	Model	Color	* Output	Recommended controller	No.	Model	Color	* Output	Recommended controller
6	OPT-FLC130130	○	24V/10.8W	OPT-DPA1024E OPT-DPA2024E	9	OPT-FLC200200	○	24V/18.3W	OPT-DPA1024E OPT-DPA2024E
		●	24V/9W				●	24V/17W	
		●	24V/9.1W				●	24V/16.8W	
		●	24V/11.3W				●	24V/19.9W	
7	OPT-FLC150150	○	24V/14.1W	OPT-DPA1024E OPT-DPA2024E	10	OPT-FLC225225	○	24V/22.8W	OPT-DPA2024E
		●	24V/12.1W				●	24V/20.6W	
		●	24V/12.1W				●	24V/22.4W	
		●	24V/14.9W				●	24V/24W	
8	OPT-FLC175175	○	24V/14.1W	OPT-DPA1024E OPT-DPA2024E	11	OPT-FLC250250	○	24V/32W	OPT-DPA2024E
		●	24V/14.9W				●	24V/26.7W	
		●	24V/14.4W				●	24V/24.2W	
		●	24V/14.9W				●	24V/26.7W	

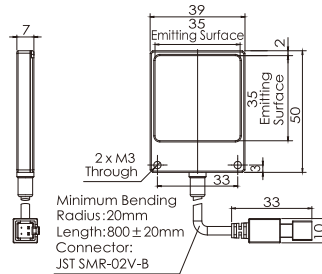
* Note: The data is for reference only.

Dimensions (mm)

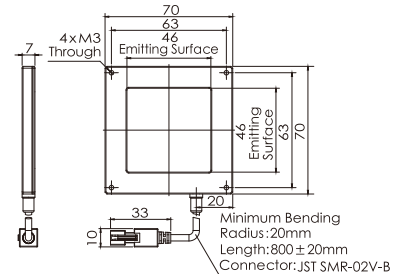
1.OPT-FLC4034



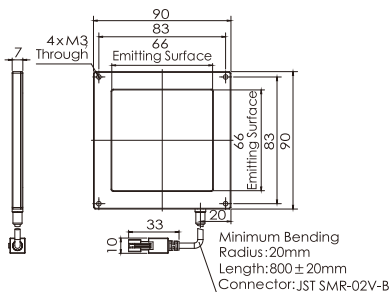
2.OPT-FLC5039



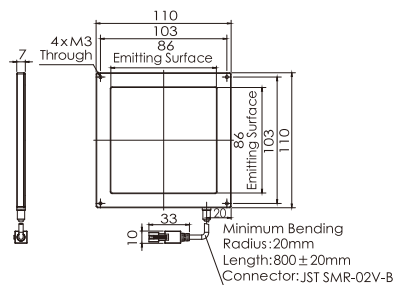
3.OPT-FLC7070



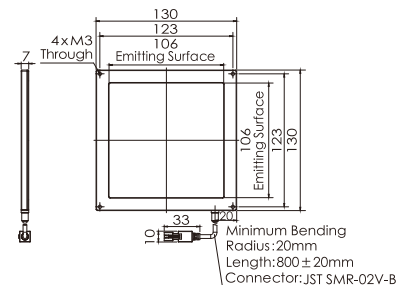
4.OPT-FLC9090



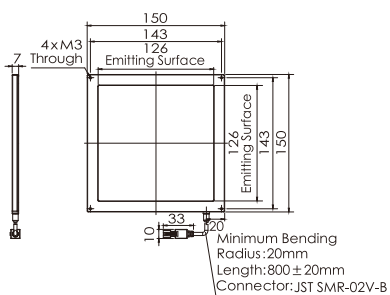
5.OPT-FLC110110



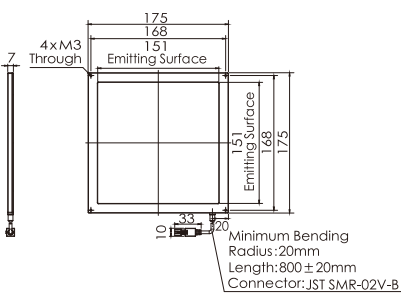
6.OPT-FLC130130



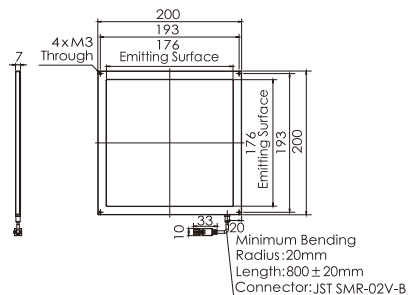
7.OPT-FLC150150



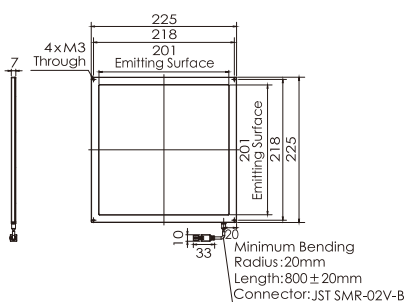
8.OPT-FLC175175



9.OPT-FLC200200



10.OPT-FLC225225



11.OPT-FLC250250

