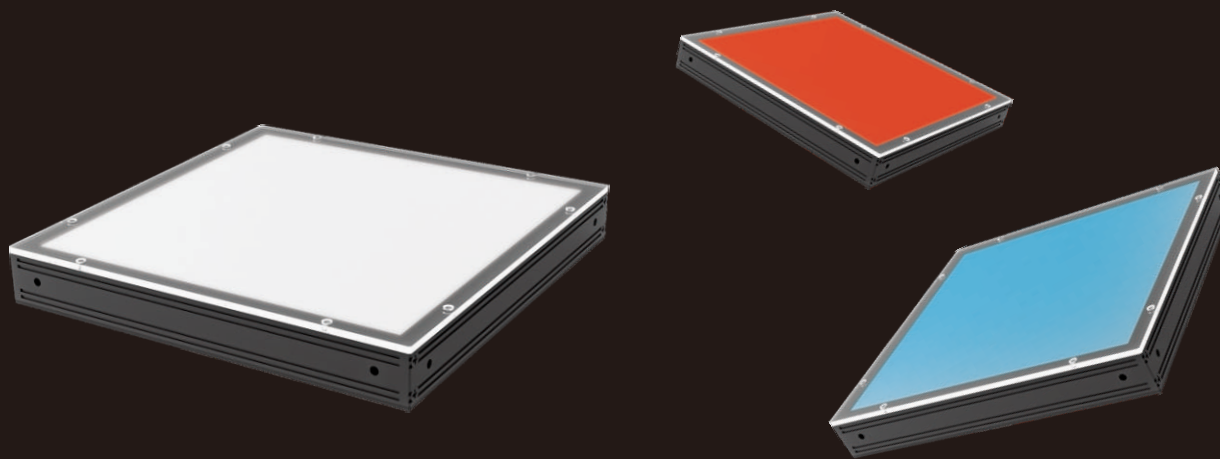


Collimated Back Lights OPT-FLP Series



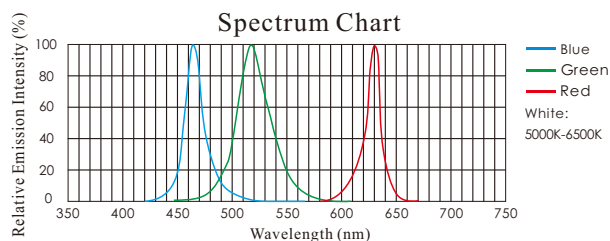
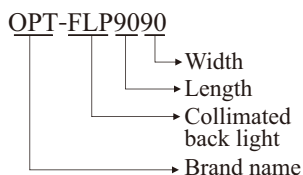
Product Features

- 1 Higher intensity than OPT-FL and OPT-FLC series
- 2 Available to restrain light emitting to particular direction, help camera get more light
- 3 Available to restrain the diffraction of emitted light, realize clear imaging of objects edge, suitable for high precision and curved edge inspection

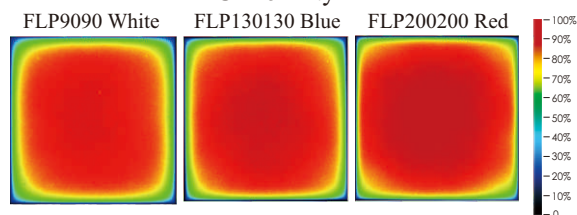
Application Cases

- ◆ The identification and inspection of large PCBs
- ◆ Dimension measurement
- ◆ LED defects inspection

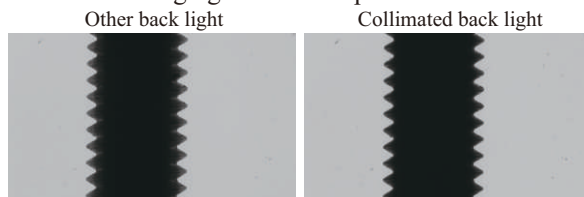
Selection Guide



Uniformity

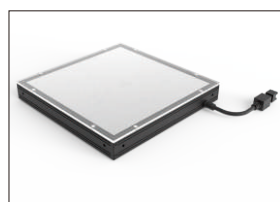


Imaging Result Comparison

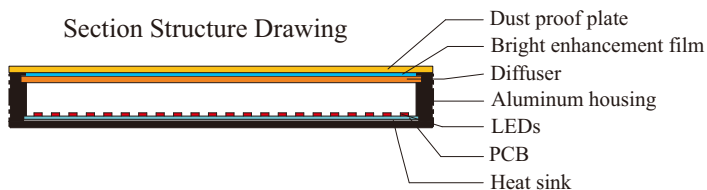


Collimated back lights can restrain the diffraction of emitted light, realize clearly imaging of objects edge

Customization Options

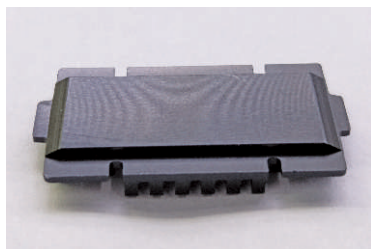


Section Structure Drawing



Application Example

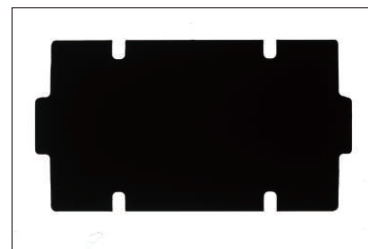
Plastic parts dimension measurement



Original Image

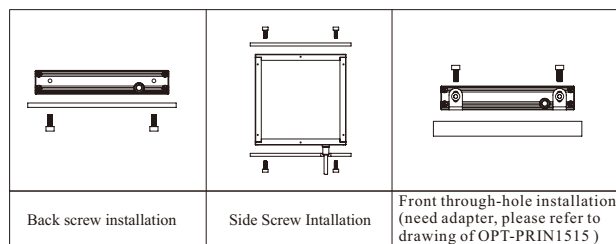


Illuminated



Result Image

Different mounting ways



Model Table

No.	Model	Color	Output	Recommended Controller
1	OPT-FLP7070	○	24V/6.3W	OPT-DPA1024E OPT-AP1024F
		●	24V/4.7W	
		●	24V/4.6W	
		●	24V/5.3W	
2	OPT-FLP9090	○	24V/8W	OPT-DPA1024E OPT-AP1024F
		●	24V/6.6W	
		●	24V/6.4W	
		●	24V/8W	
3	OPT-FLP110110	○	24V/11.4W	OPT-DPA1024E OPT-AP1024F
		●	24V/9.7W	
		●	24V/8.8W	
		●	24V/10.5W	
4	OPT-FLP130130	○	24V/12.7W	OPT-DPA1024E OPT-AP1024F
		●	24V/14W	
		●	24V/11W	
		●	24V/14.8W	
5	OPT-FLP150150	○	24V/18.6W	OPT-DPA1024E OPT-AP1024F
		●	24V/15.7W	
		●	24V/13.6W	
		●	24V/18.9W	

No.	Model	Color	Output	Recommended Controller
6	OPT-FLP175175	○	24V/24.5W	OPT-DPA2024E
		●	24V/18.9W	
		●	24V/18.4W	
		●	24V/21.5W	
7	OPT-FLP200200	○	24V/26.2W	OPT-DPA2024E
		●	24V/20.6W	
		●	24V/21.8W	
		●	24V/26.2W	
8	OPT-FLP225225	○	24V/33.8W	OPT-DPA2024E
		●	24V/28.3W	
		●	24V/21.3W	
		●	24V/28.8W	
9	OPT-FLP250250	○	24V/35.5W	OPT-DPA2024E
		●	24V/30.9W	
		●	24V/27.3W	
		●	24V/31.9W	

Dimensional Drawings [mm]

