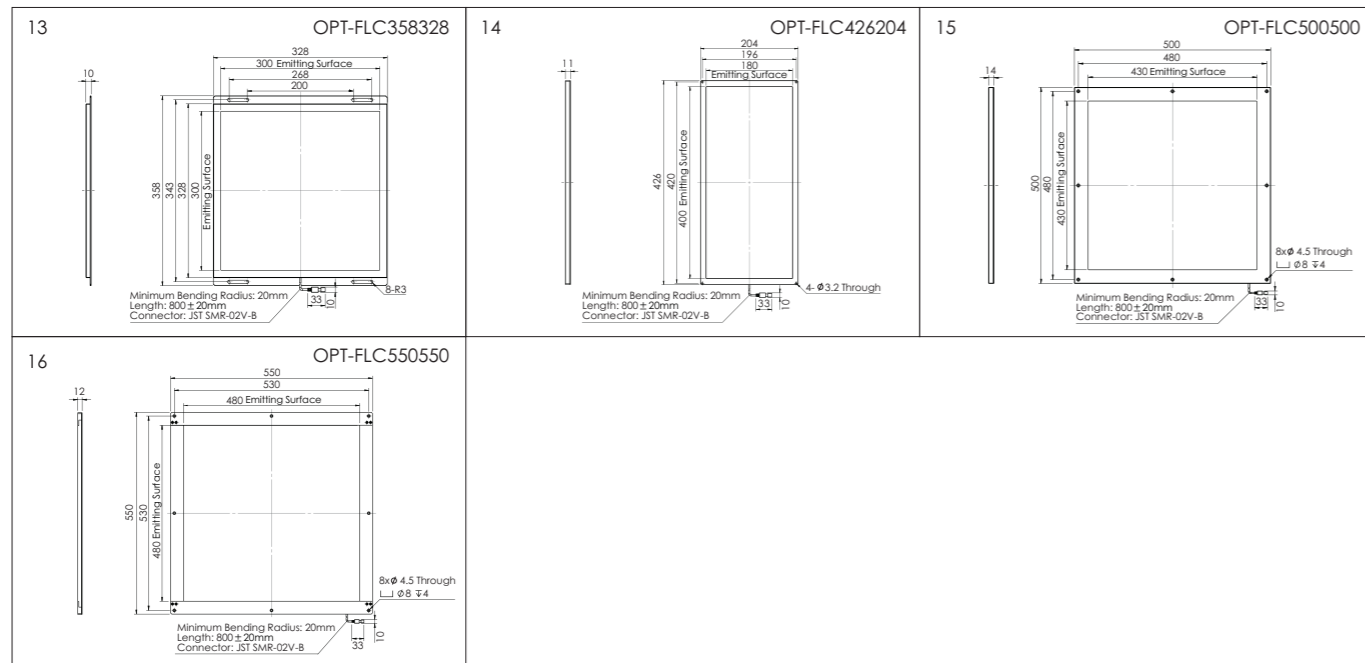
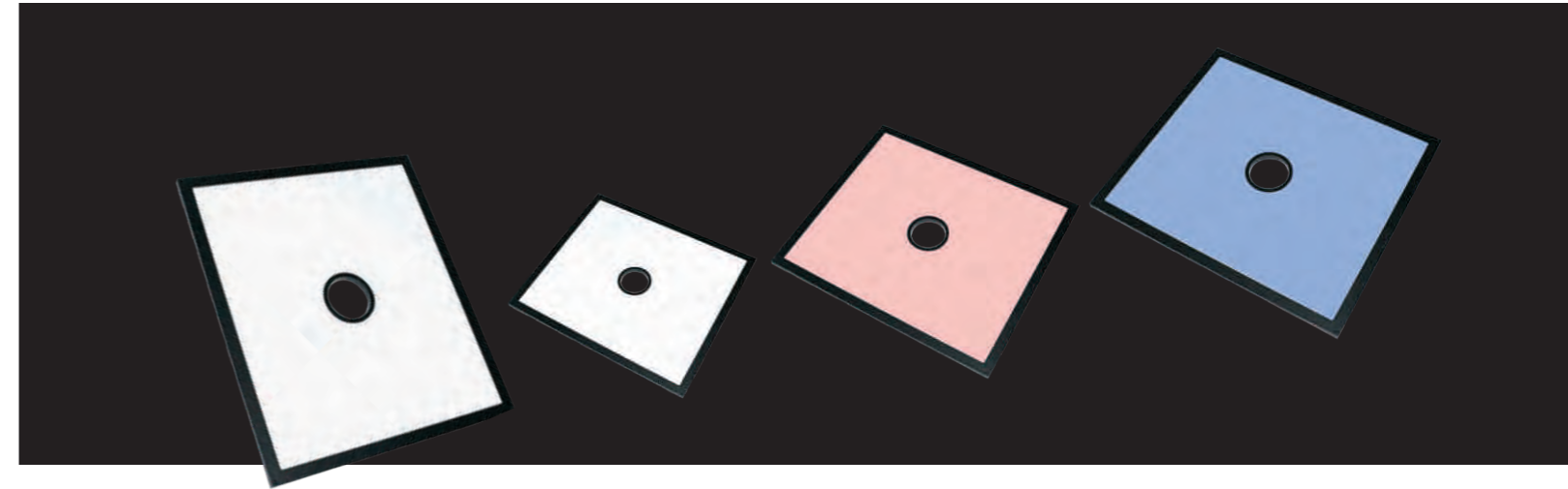


Dimensional Drawings [mm]



Front Lights OPT-FLK Series



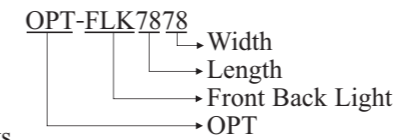
Product Features

- 1 Creates shadowless light
- 2 Illuminates large areas uniformly
- 3 Can be used of illumination from the front
- 4 Customizable size, quantity and the location of the hole

Application Areas

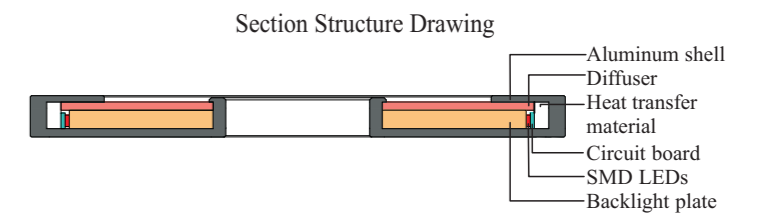
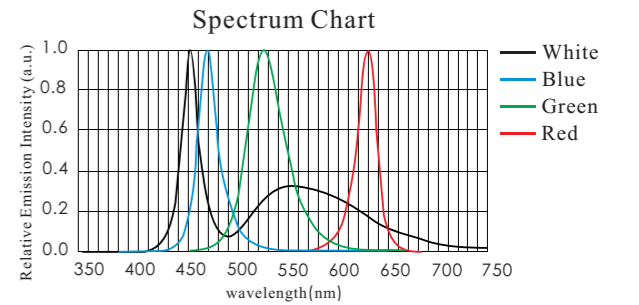
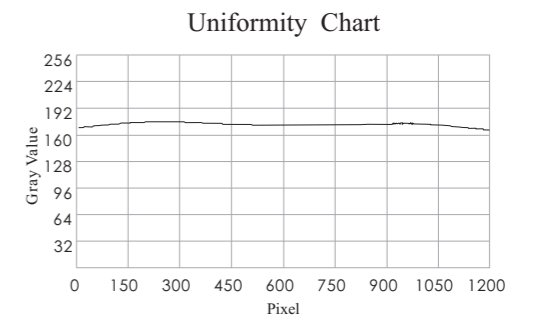
- ◆ Big PCB parts inspection and recognition
- ◆ Big electronic part surface letter inspection
- ◆ Localization of marker points

Selection Guide



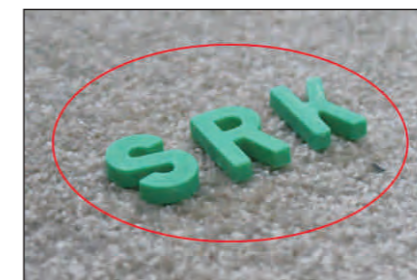
Customized

- Customized color
- Emitting surface
- Area separate control
- Light size
- Customized installation way
- Multi-color customization

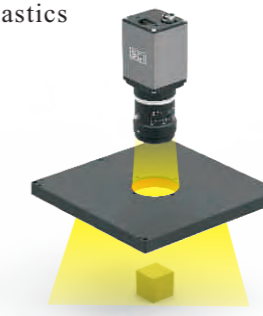


Application Example

Inspected item: Letter Recognition on Plastics



Original Image



Illuminated

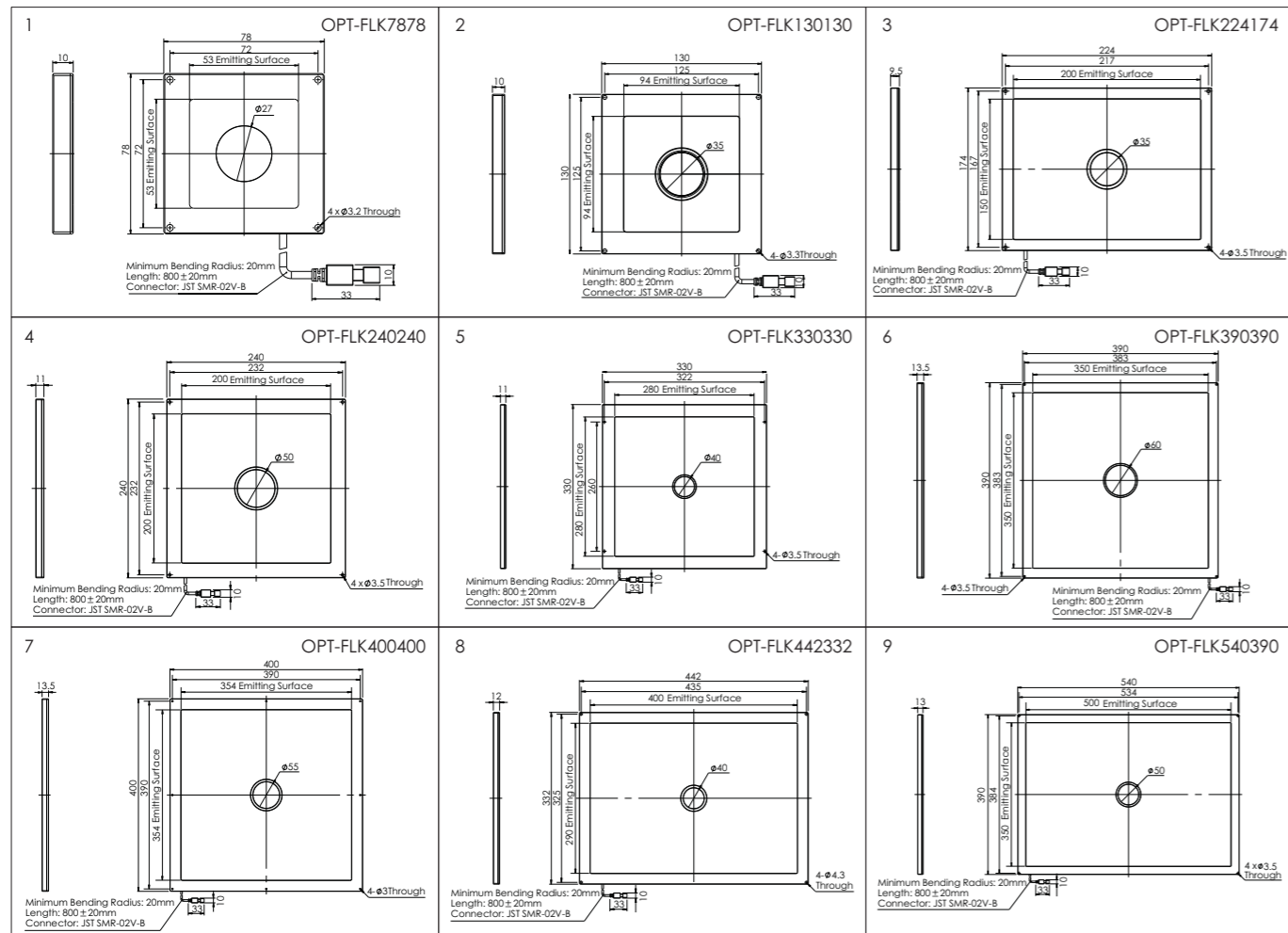


Result Image

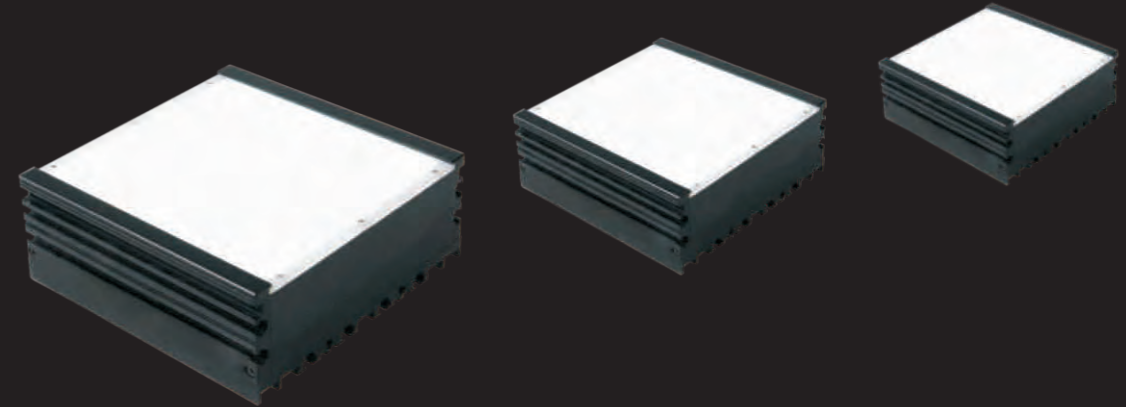
Model Table

No.	Model	Output ●	Output ○●	Recommended controller
1	OPT-FLK7878	24V/1.2W	24V/1.7W	OPT-DPA1024E
2	OPT-FLK130130	24V/2.4W	24V/3.9W	OPT-DPA1024E
3	OPT-FLK224174	24V/2.9W	24V/3.4W	OPT-DPA1024E
4	OPT-FLK240240	24V/2W	24V/5.8W	OPT-DPA1024E
5	OPT-FLK330330	24V/5.8W	24V/7.6W	OPT-DPA1024E
6	OPT-FLK390390	24V/5.8W	24V/8.9W	OPT-DPA1024E
7	OPT-FLK400400	24V/6.6W	24V/9.1W	OPT-DPA1024E
8	OPT-FLK442332	24V/6.8W	24V/9.8W	OPT-DPA1024E
9	OPT-FLK540390	24V/8.1W	24V/14.2W	OPT-DPA1024E

Dimensional Drawings [mm]

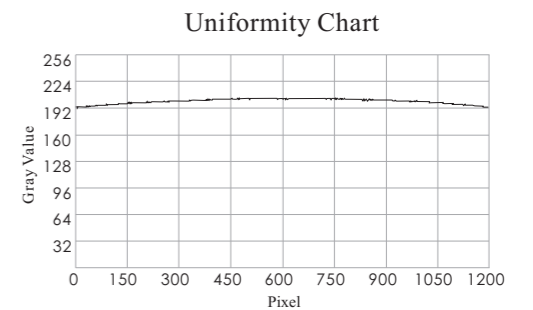


High Power Back Lights OPT-FLG series



Product Features

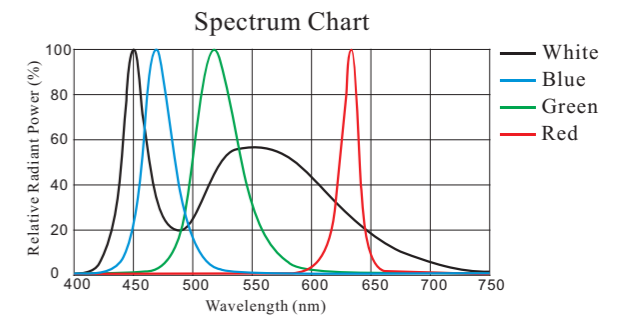
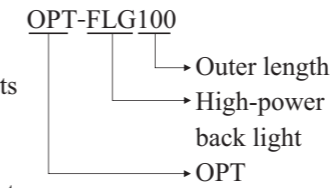
- 1 We are using high-power SMD LED and heat transfer materials for our high-brightness Back Light. It is well suited for applications with short exposure times
- 2 This series offers high intensity and uniformity. The size can be customized freely
- 3 The intensity is 1.5 times higher than the standard series



Application Areas

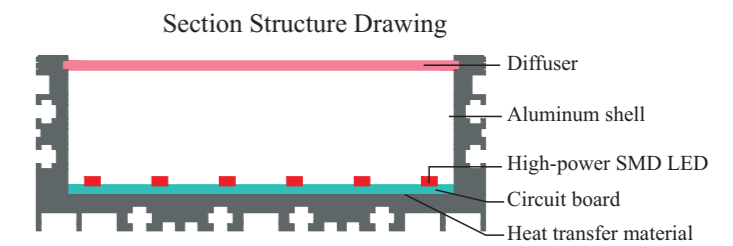
- ◆ High-speed applications with short exposure times
- ◆ Geometric measurement of parts
- ◆ Inspection of electronic parts and the outer shape of IC chips
- ◆ Surface inspection of transparent objects regarding scratches

Selection Guide



Customization Options

- Color
- Individual control of different areas
- Size
- Installation method
- Heat release method
- Multi-color



Application Example

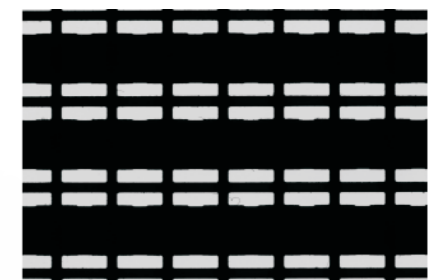
Inspected item: Width measurement of LEDs



Original Image



Illuminated



Result Image