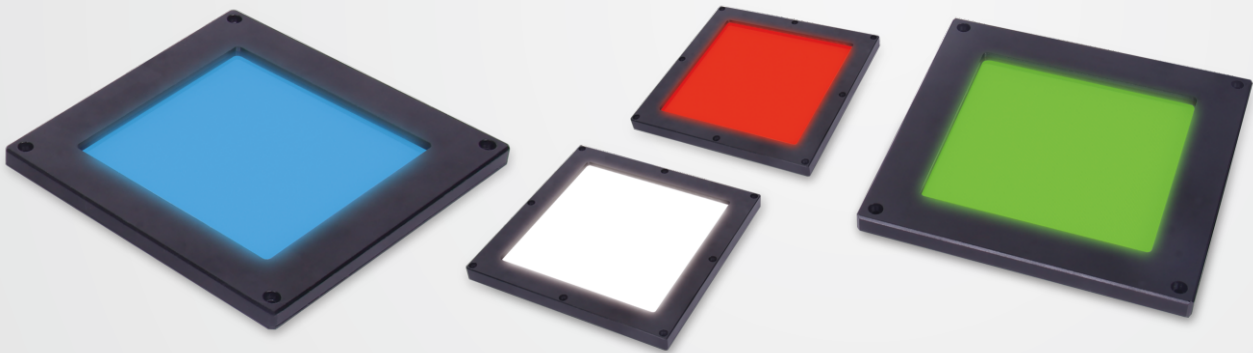


Flat Dome Lights OPT-FC Series

Patented



Product Features

- Providing diffuse and uniform illumination
- Lightweight, compact and easy to use
- Coaxial planar light source with shadowless and coaxial light effects

Application Cases

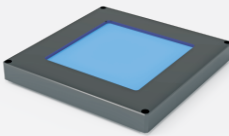
- Package inspection for food and beverage, tobacco and printing industries
- Inspection and measurement for electronic parts
- Pattern inspection and OCR on uneven and highly reflective surfaces

Selection Guide

OPT-FC100

- Length
- Flat dome light
- Brand name

Customizable Items



Color



Mounting



Size

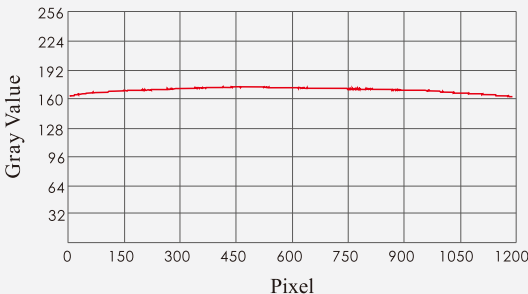


Connector

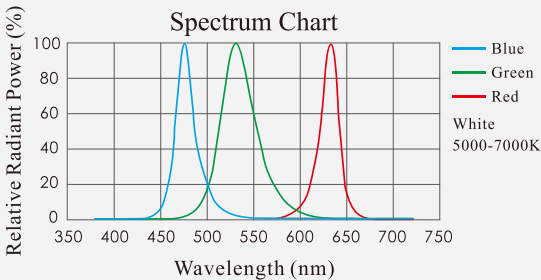


Polygon

Uniformity Chart

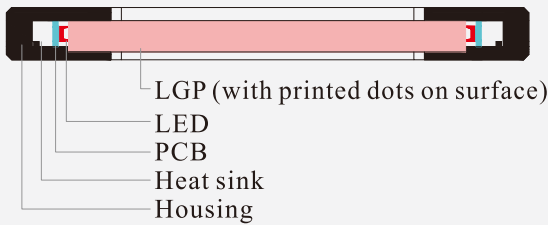


Note: The data is for reference only.



Note: The data is for reference only.

Section Structure Drawing

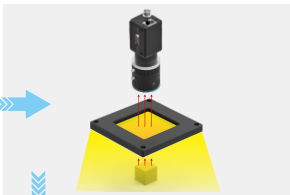


Application Example

- Printing inspection



Workpiece



Illumination



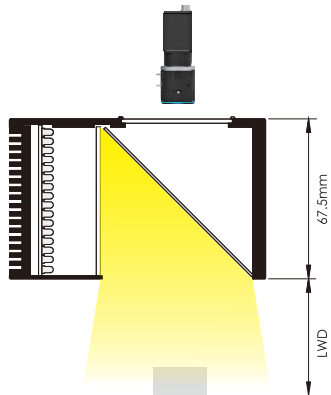
SciSmart Analysis Result



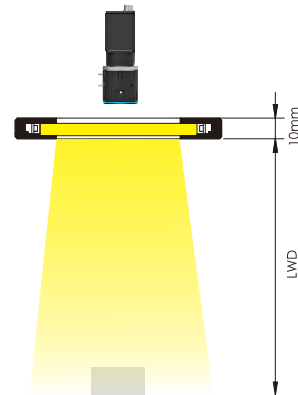
Image

Size Comparison

Coaxial light OPT-CO70



Flat dome light OPT-FC100



Note: The flat dome light is more compact than the standard coaxial light and provides longer distance illumination.

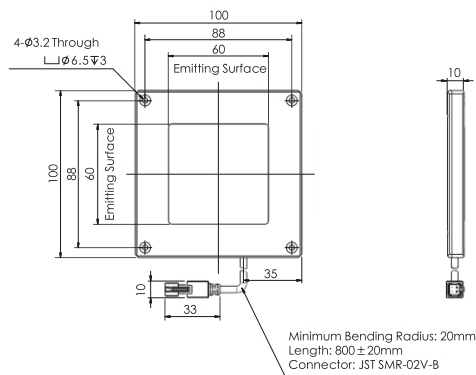
Model Table

No.	Model	* Output ●	* Output ○●●	Recommended controller
1	OPT-FC100	24V/0.7W	24V/2.2W	OPT-DPA1024E OPT-DPA2024E
2	OPT-FC143	24V/1.7W	24V/3.7W	
3	OPT-FC180	24V/3.2W	24V/4.5W	
4	OPT-FC240	—	24V/6.6W	

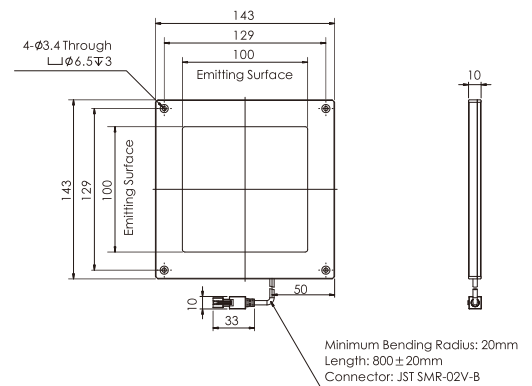
* Note: The data is for reference only.

Dimensions (mm)

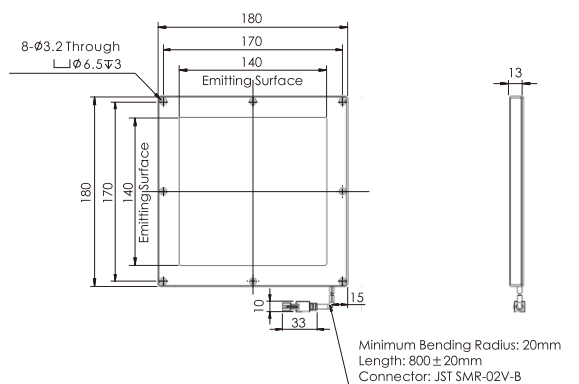
1.OPT-FC100



2.OPT-FC143



3.OPT-FC180



4.OPT-FC240

