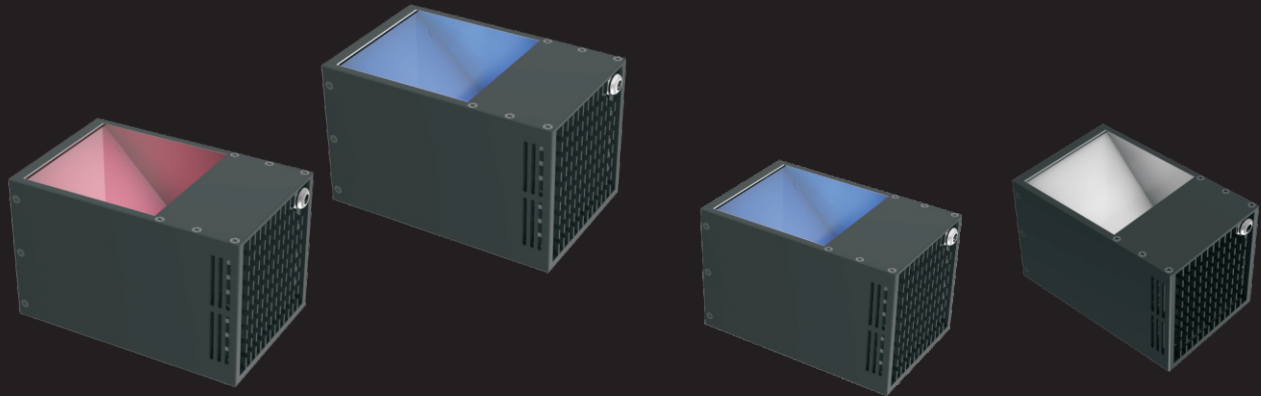


# Coaxial Lights OPT-CO series



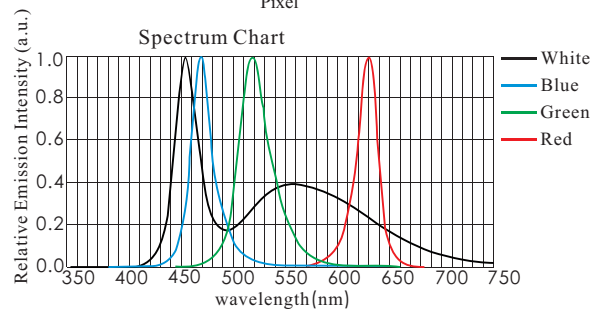
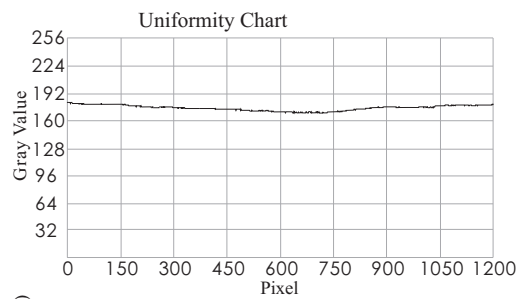
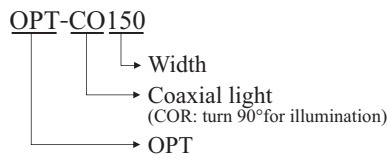
## Product Features

- 1 High image resolution and uniform illumination, high-density LED array, intensity improved greatly
- 2 Special heat-conductive design for longevity and stability
- 3 Special coated beam splitter for maximum light transmission
- 4 Shows unevenness of surfaces, reduces reflections
- 5 Mainly used for the inspection of surfaces for scratches, flaws, damages, etc

## Application Cases

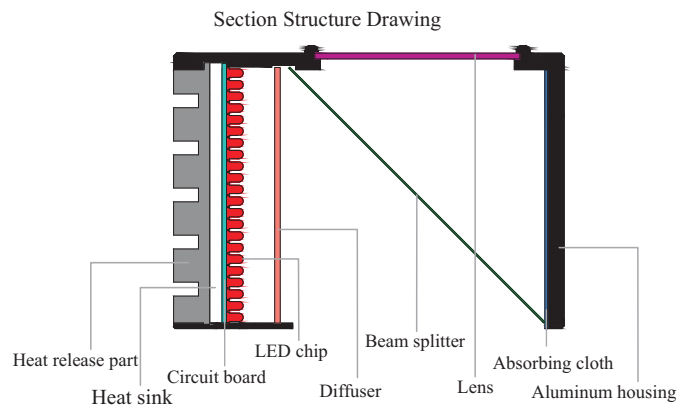
- ◆ Inspection of highly reflective surfaces for scratches
- ◆ Inspection of breakage on chip parts and silicon wafers
- ◆ Marker point localization
- ◆ Bar code recognition
- ◆ Recognition of laser marking characters and 2D codes

## Selection Guide



## Customization Options

- Color
- Connector
- Size
- Emitting surface
- Mount method
- Light combination
- Multi-color
- View window

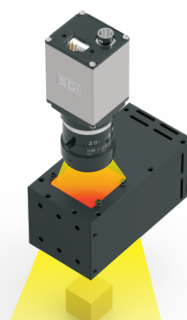


## Application Example

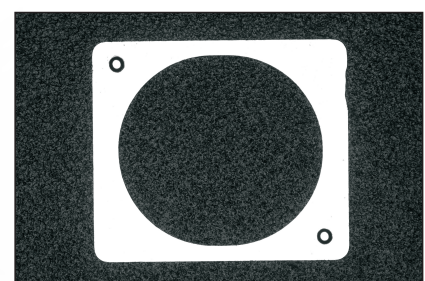
Metal plate profile inspection



Original Image



Illuminated



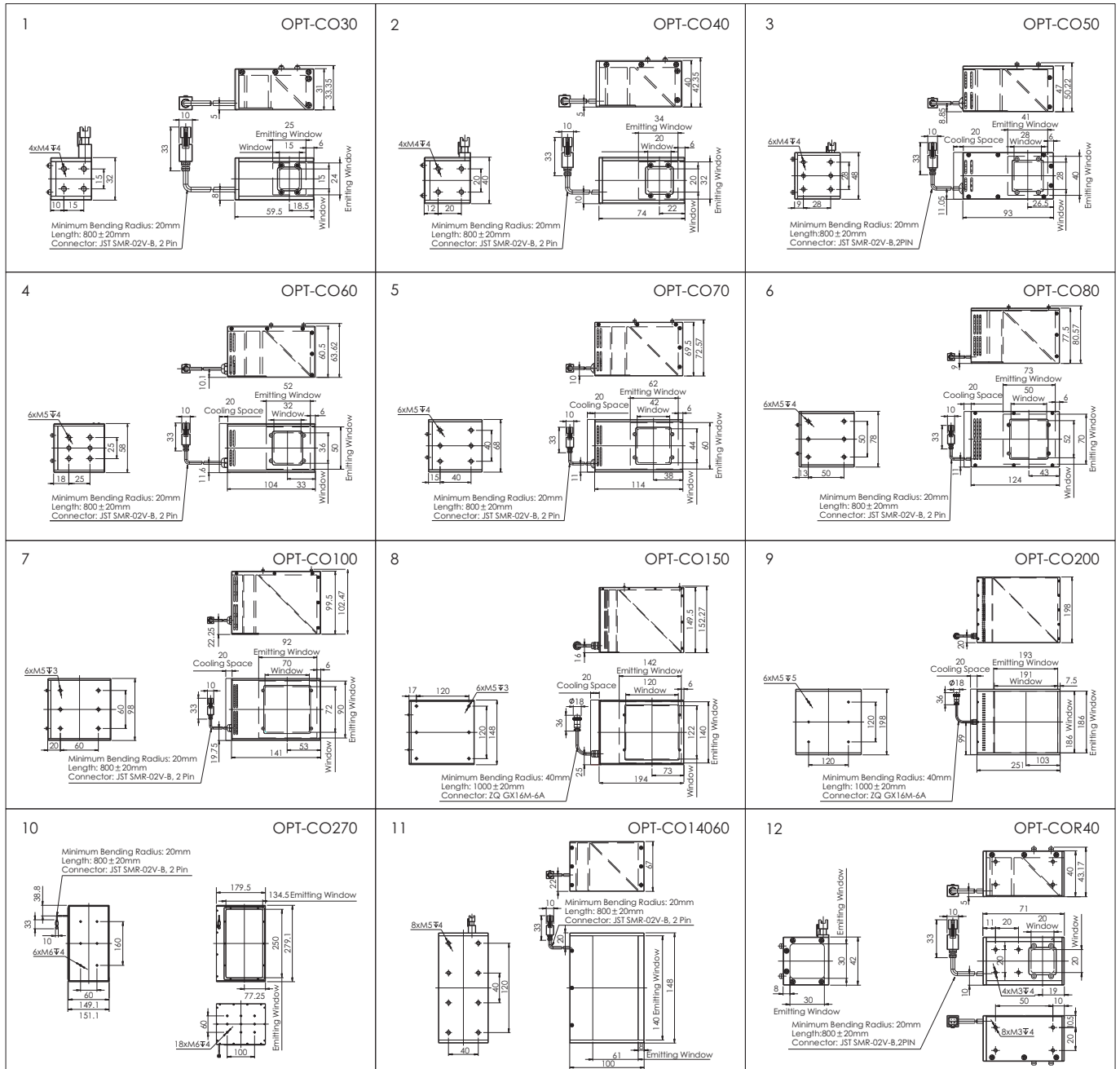
Result Image

## Model Table

No.	Model	Output ●	Output ○●●	Recommended controller
1	OPT-CO30	24V/0.4W	24V/1.8W	OPT-DPA1024E
2	OPT-CO40	24V/1.2W	24V/2W	OPT-DPA1024E
3	OPT-CO50	24V/2.3W	24V/5.2W	OPT-DPA1024E
4	OPT-CO60	24V/2.2W	24V/7.4W	OPT-DPA1024E
5	OPT-CO70	24V/5.5W	24V/11.9W	OPT-DPA1024E
6	OPT-CO80	24V/6.3W	24V/12.1W	OPT-DPA1024E
7	OPT-CO100	24V/9.3W	24V/16.8W	OPT-DPA1024E
8	OPT-CO150	24V/24W	24V/38.4W	OPT-DPA6024

No.	Model	Output ●	Output ○●●	Recommended controller
9	OPT-CO200	24V/38.4W	24V/67.2W	OPT-DPA6024
10	OPT-CO270	24V/15.5W	24V/35W	OPT-DPA1024E
11	OPT-CO14060	24V/6W	24V/12.3W	OPT-DPA1024E
12	OPT-COR40	24V/1.3W	24V/2W	OPT-DPA1024E
13	OPT-COR50	24V/2.4W	24V/4.7W	OPT-DPA1024E
14	OPT-COR60	24V/2.7W	24V/8.4W	OPT-DPA1024E
15	OPT-COR70	24V/6.1W	24V/11.5W	OPT-DPA1024E

## Dimensional Drawings [mm]



Dimensional Drawings [mm]

