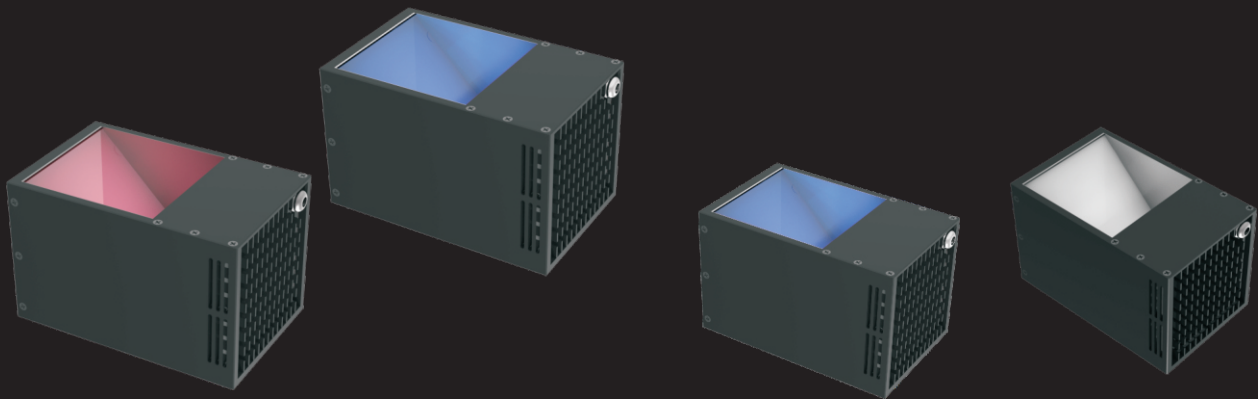


Coaxial Lights OPT-CO series



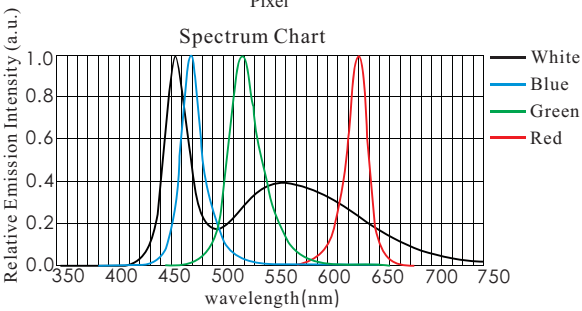
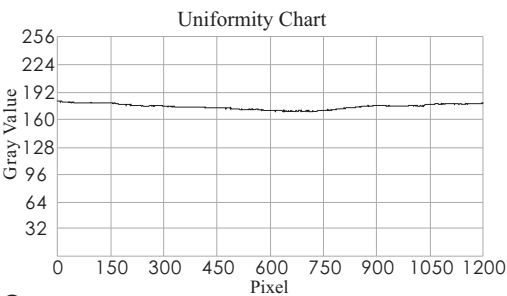
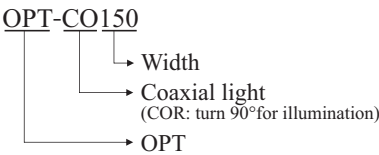
Product Features

- 1 High image resolution and uniform illumination, high-density LED array, upgrading the brightness of the illumination
- 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

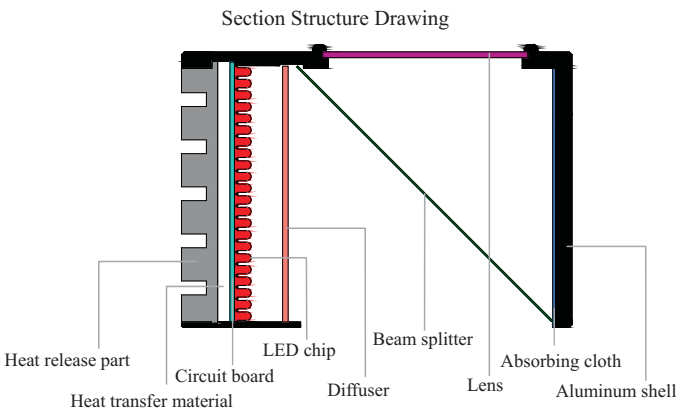
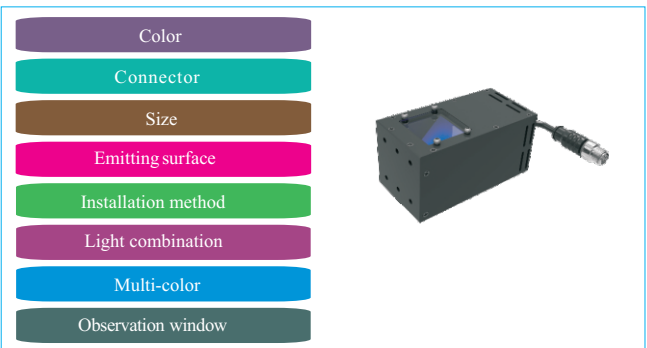
Application Areas

- ◆ 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 characteristics and 2D codes

Selection Guide



Customization Options

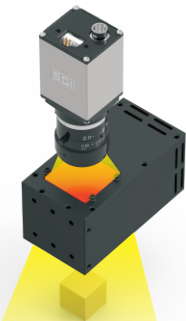


Application Example

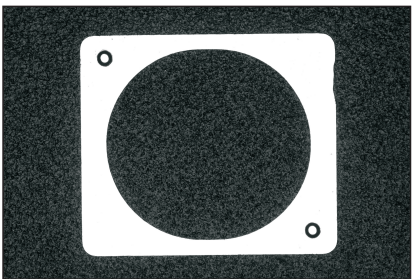
Inspected item: metal plate profile



Original Image



Illuminated



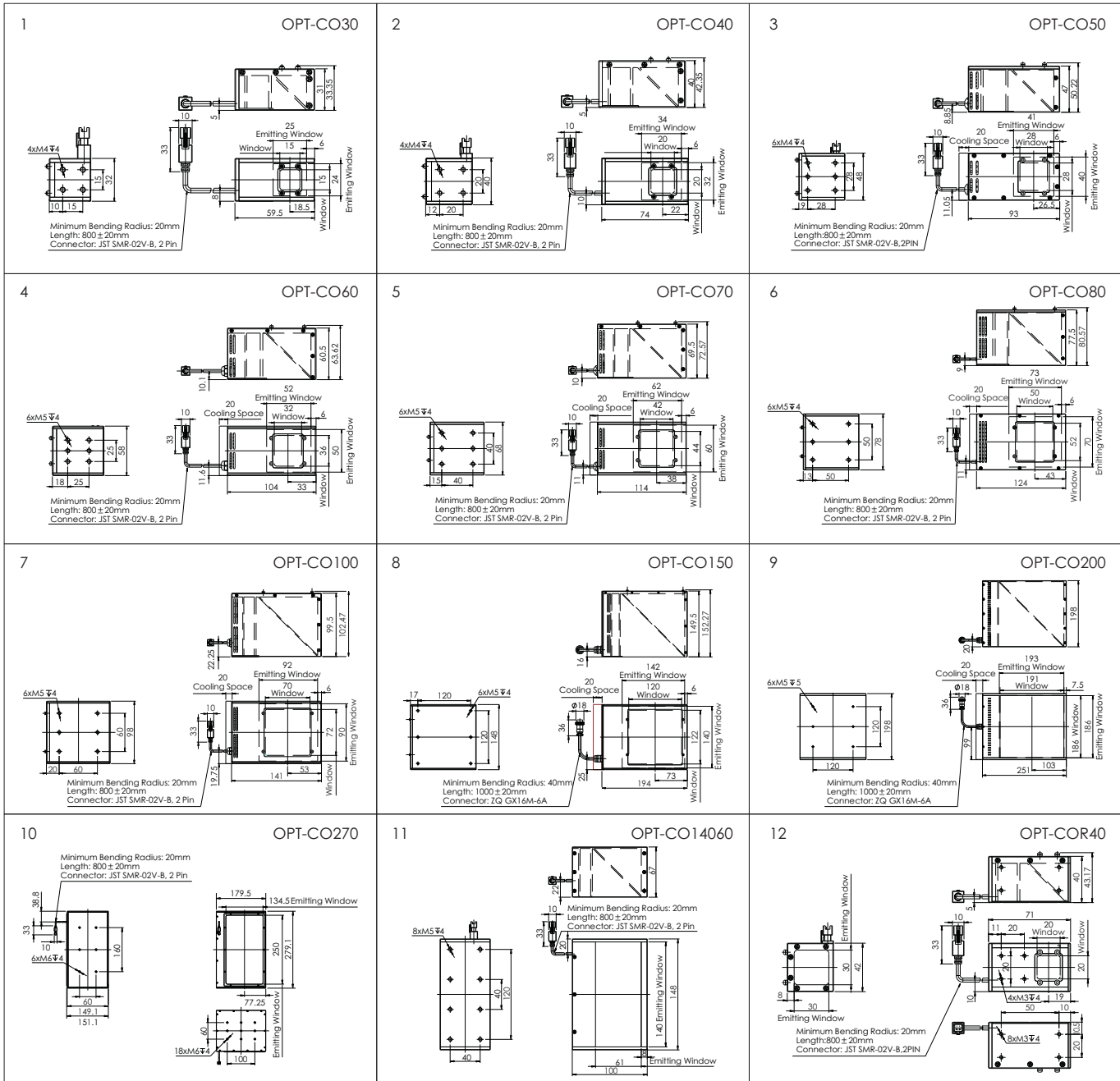
Result Image

Model Table

No.	Model	Output 	Output   	Recommended controller
1	OPT-CO30	24V/0.4W	24V/1.6W	OPT-DPA1024E
2	OPT-CO40	24V/1.3W	24V/2.0W	OPT-DPA1024E
3	OPT-CO50	24V/1.1W	24V/5.0W	OPT-DPA1024E
4	OPT-CO60	24V/2.5W	24V/8.0W	OPT-DPA1024E
5	OPT-CO70	24V/5.5W	24V/12.0W	OPT-DPA1024E
6	OPT-CO80	24V/6.0W	24V/13.0W	OPT-DPA1024E
7	OPT-CO100	24V/8.5W	24V/15.0W	OPT-DPA1024E
8	OPT-CO150	1A/24.0W	1.8A/43.2W	OPT-DPA6024

No.	Model	Output 	Output   	Recommended controller
9	OPT-CO200	2A/48.0W	3A/72.0W	OPT-DPA6024
10	OPT-CO270	24V/19.2W	24V/24.0W	OPT-DPA1024E
11	OPT-CO14060	24V/5.9W	24V/13.1W	OPT-DPA1024E
12	OPT-COR40	24V/2.0W	24V/1.3W	OPT-DPA1024E
13	OPT-COR50	24V/2.1W	24V/3.6W	OPT-DPA1024E
14	OPT-COR60	24V/3.1W	24V/5.8W	OPT-DPA1024E
15	OPT-COR70	24V/3.6W	24V/6.2W	OPT-DPA1024E

Dimensional Drawings [mm]



Dimensional Drawings [mm]

