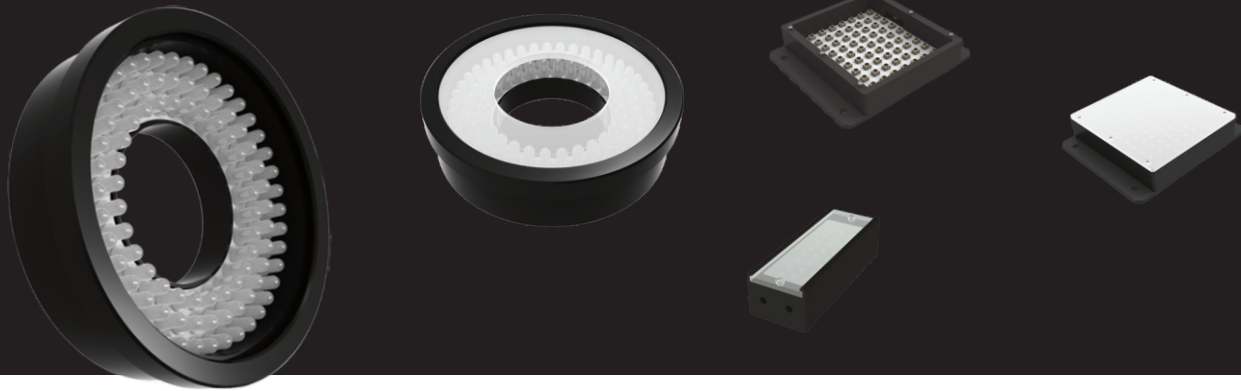


# IR Lights OPT-XX-IR series



## Product Features

- 1 Available in various shapes and illumination angles
- 2 Available with 850 nm and 940 nm wavelength

## Application Cases

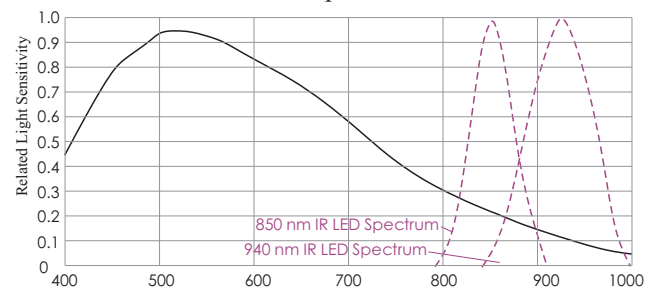
- ◆ Medical (recognition of vascular nets; eye tracking)
- ◆ Packaging (transparent plastic materials)
- ◆ Cloth and textile
- ◆ Electronics and semiconductors
- ◆ Pharmaceutical industry
- ◆ LCD, OLED

## Customization Options

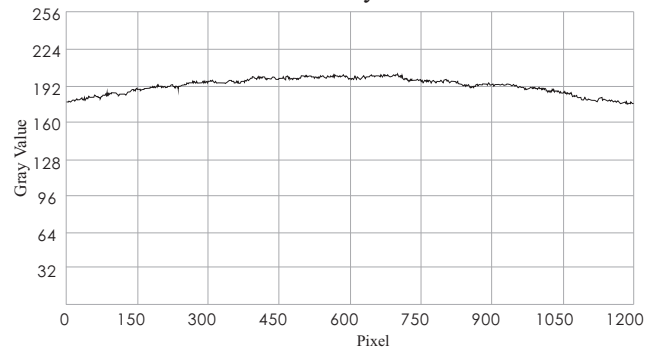
- Wavelength
- Size
- Light combination
- Mount method
- IR ring angle
- Individual control of different sections



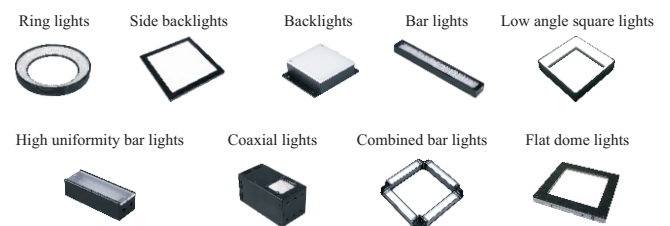
Camera Spectrum Chart



Uniformity Chart



IR versions are available for the following lights with the same dimensions

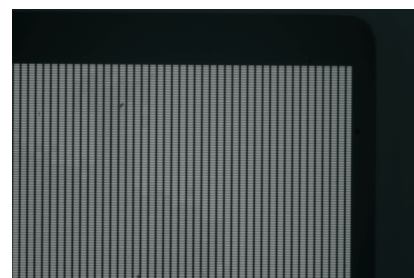


## Application Example

Inspected item: Localization of specific areas on screens



Original Image



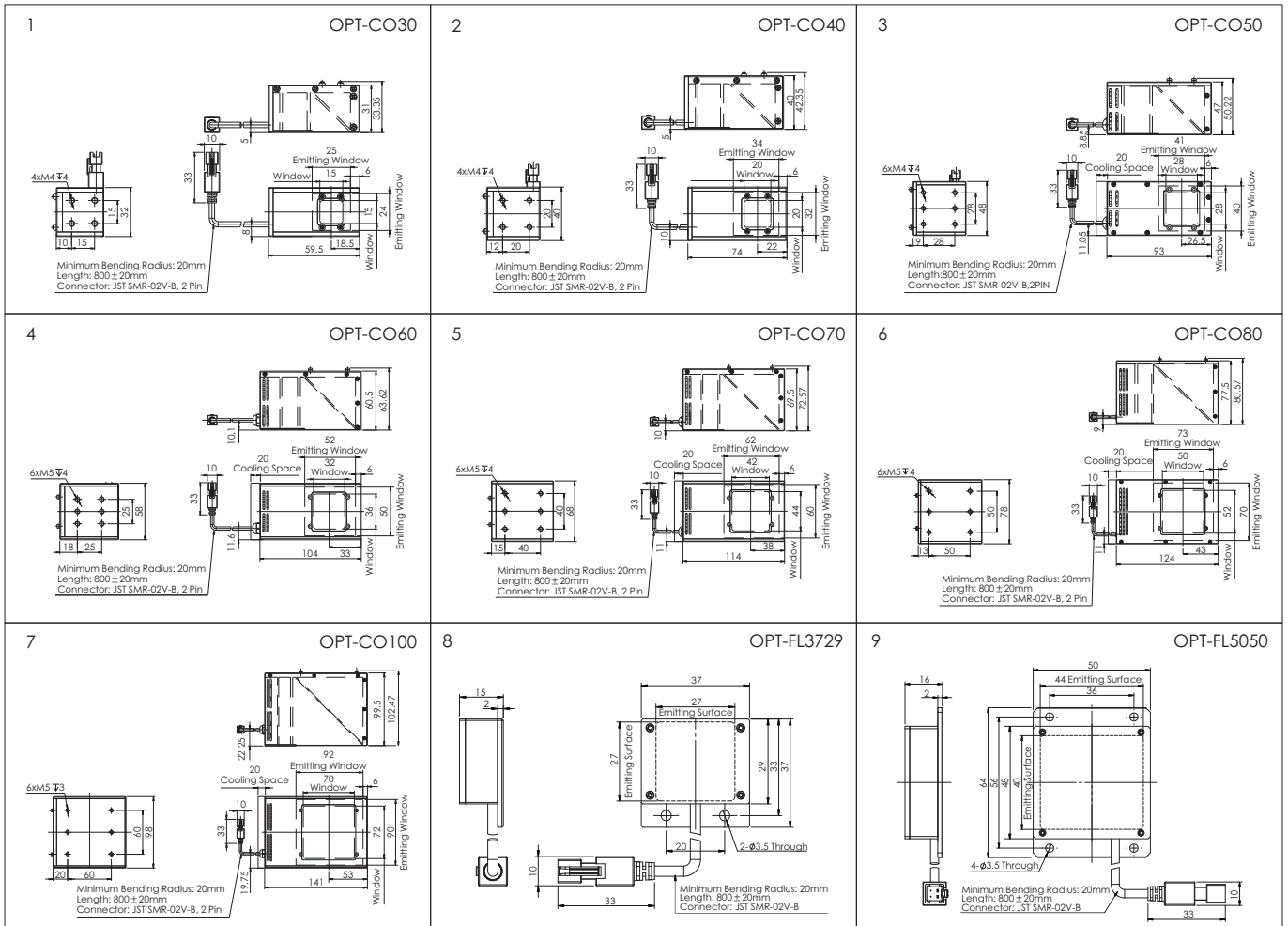
Result Image

## Model Table

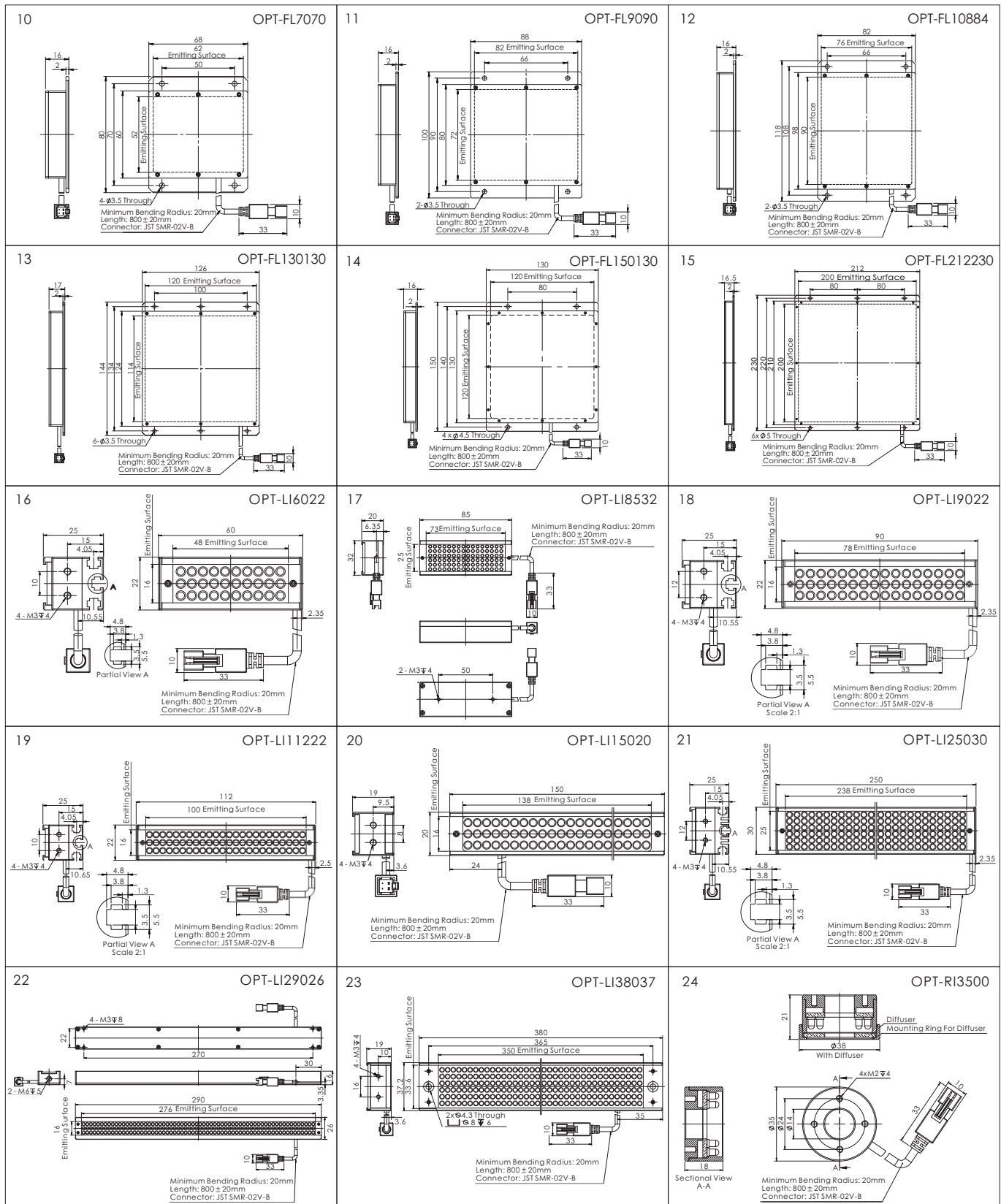
No.	Model	Output	Wavelength	Recommended controller
1	OPT-CO30-IR	24V/1.4W	850nm/940nm	OPT-DPA1024E
2	OPT-CO40-IR	24V/1.2W	850nm/940nm	OPT-DPA1024E
3	OPT-CO50-IR	24V/3.1W	850nm/940nm	OPT-DPA1024E
4	OPT-CO60-IR	24V/3.1W	850nm/940nm	OPT-DPA1024E
5	OPT-CO70-IR	24V/5.0W	850nm/940nm	OPT-DPA1024E
6	OPT-CO80-IR	24V/7.4W	850nm/940nm	OPT-DPA1024E
7	OPT-CO100-IR	24V/10.6W	850nm/940nm	OPT-DPA1024E
8	OPT-FL3729-IR	24V/1.1W	850nm/940nm	OPT-DPA1024E
9	OPT-FL5050-IR	24V/1.4W	850nm/940nm	OPT-DPA1024E
10	OPT-FL7070-IR	24V/0.9W	850nm/940nm	OPT-DPA1024E
11	OPT-FL9090-IR	24V/3.6W	850nm/940nm	OPT-DPA1024E
12	OPT-FL10884-IR	24V/4.3W	850nm/940nm	OPT-DPA1024E
13	OPT-FL130130-IR	24V/7.7W	850nm/940nm	OPT-DPA1024E
14	OPT-FL150130-IR	24V/8.1W	850nm/940nm	OPT-DPA1024E
15	OPT-FL212230-IR	24V/21.6W	850nm/940nm	OPT-DPA1024E
16	OPT-LI6022-IR	24V/0.9W	850nm/940nm	OPT-DPA1024E
17	OPT-LI8532-IR	24V/2.6W	850nm/940nm	OPT-DPA1024E
18	OPT-LI9022-IR	24V/0.9W	850nm/940nm	OPT-DPA1024E

No.	Model	Output	Wavelength	Recommended controller
19	OPT-LI11222-IR	24V/0.9W	850nm/940nm	OPT-DPA1024E
20	OPT-LI15020-IR	24V/2.1W	850nm/940nm	OPT-DPA1024E
21	OPT-LI25030-IR	24V/8.9W	850nm/940nm	OPT-DPA1024E
22	OPT-LI29026-IR	24V/3.5W	850nm/940nm	OPT-DPA1024E
23	OPT-LI38037-IR	24V/6.8W	850nm/940nm	OPT-DPA1024E
24	OPT-RI3500-IR	24V/0.6W	850nm/940nm	OPT-DPA1024E
25	OPT-RI5030-IR	24V/1.0W	850nm/940nm	OPT-DPA1024E
26	OPT-RI7000-IR	24V/2.1W	850nm/940nm	OPT-DPA1024E
27	OPT-RI7030-IR	24V/2.9W	850nm/940nm	OPT-DPA1024E
28	OPT-RI9030-IR	24V/5.3W	850nm/940nm	OPT-DPA1024E
29	OPT-RI9090-IR	24V/0.7W	850nm/940nm	OPT-DPA1024E
30	OPT-RI10080-IR	24V/4.8W	850nm/940nm	OPT-DPA1024E
31	OPT-RI12000-IR	24V/8.8W	850nm/940nm	OPT-DPA1024E
32	OPT-RI12030-IR	24V/6.7W	850nm/940nm	OPT-DPA1024E
33	OPT-RI12045-IR	24V/4.9W	850nm/940nm	OPT-DPA1024E
34	OPT-RI15060-IR	24V/5.3W	850nm/940nm	OPT-DPA1024E
35	OPT-RI18030-IR	24V/11.3W	850nm/940nm	OPT-DPA1024E

## Dimensional Drawings [mm]



Dimensional Drawings [mm]



Dimensional Drawings [mm]

