

IR Lights **OPT-XX-IR Series**



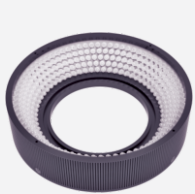
Product Features

- Customizable shapes and illumination angles
- Near-infrared 850nm and 940nm illumination
- More wave length is optional

Application Cases

- Medical industry (Vascular nets recognition/eye tracking)
- Packaging (Transparent plastic materials)
- Clothing and textile
- Electronics/semiconductor
- Pharmaceutical industry
- LCD/OLED

Customizable Items



Wavelength



Mounting



Size



Sectional control

IR Series Lights Demonstration

Ring lights



Side backlights



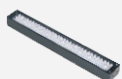
Bottom backlights



High Uniformity Bar lights



Bar lights



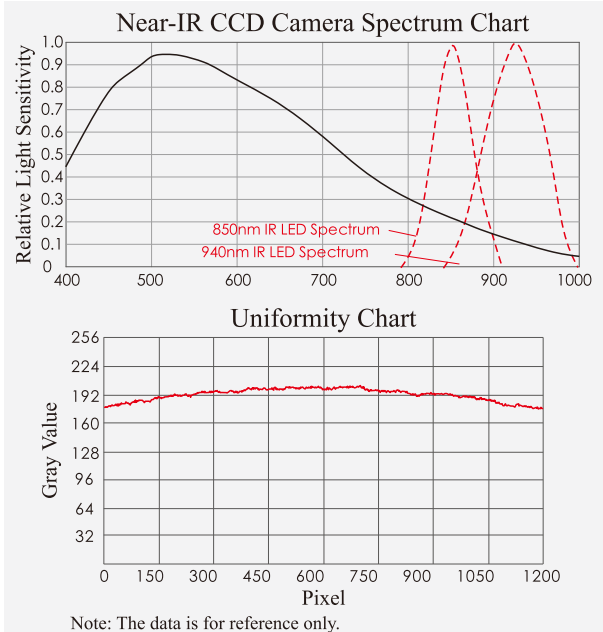
Coaxial lights



Combined bar lights



Diffuse dark field square lights



Application Example

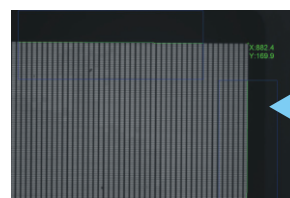
- Positioning of screen specific areas



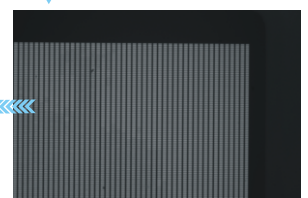
Workpiece



Illumination



SciSmart Analysis Result



Image

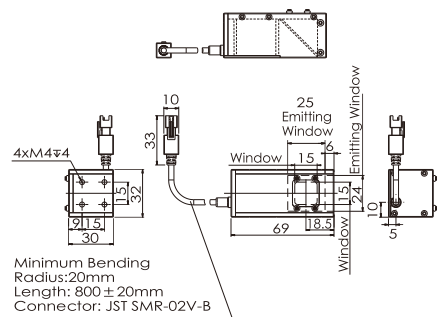
Model Table

No.	Model	* Output	Wavelength	Recommended controller	No.	Model	* Output	Wavelength	Recommended controller
1	OPT-CO30-IR	24V/1.4W	850nm/940nm	OPT-DPA1024E OPT-DPA2024E	12	OPT-LI15020-IR	24V/2.1W	850nm/940nm	OPT-DPA1024E OPT-DPA2024E
2	OPT-CO40-IR	24V/1.4W	850nm/940nm		13	OPT-LI25030-IR	24V/8.9W	850nm/940nm	
3	OPT-CO50-IR	24V/2.0W	850nm/940nm		14	OPT-LI38037-IR	24V/6.8W	850nm/940nm	
4	OPT-CO60-IR	24V/2.9W	850nm/940nm		15	OPT-RI5030-IR	24V/0.9W	850nm/940nm	
5	OPT-CO70-IR	24V/4.8W	850nm/940nm		16	OPT-RI7000-IR	24V/1.7W	850nm/940nm	
6	OPT-CO80-IR	24V/7.2W	850nm/940nm		17	OPT-RI7045-IR	24V/2.0W	850nm/940nm	
7	OPT-CO100-IR	24V/10.1W	850nm/940nm		18	OPT-RI9030-IR	24V/3.1W	850nm/940nm	
8	OPT-LI6022-IR	24V/0.9W	850nm/940nm		19	OPT-RI12000-IR	24V/4.6W	850nm/940nm	
9	OPT-LI8532-IR	24V/2.8W	850nm/940nm		20	OPT-RI12045-IR	24V/5.2W	850nm/940nm	
10	OPT-LI9022-IR	24V/1.2W	850nm/940nm		21	OPT-RI12060-IR	24V/6.6W	850nm/940nm	
11	OPT-LI11222-IR	24V/1.8W	850nm/940nm						

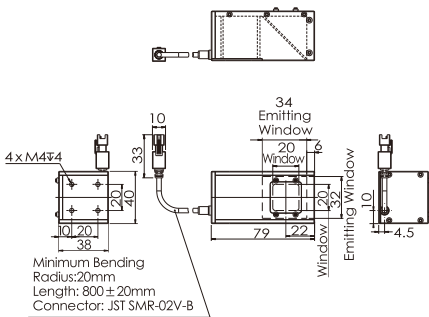
* Note: The data is for reference only.

Dimensions (mm)

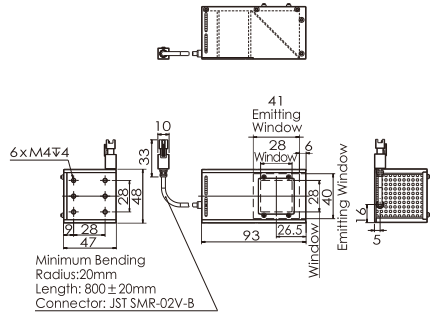
1.OPT-CO30-IR



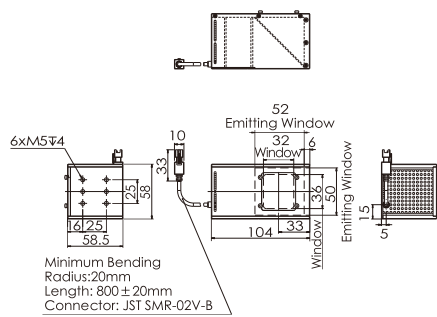
2.OPT-CO40-IR



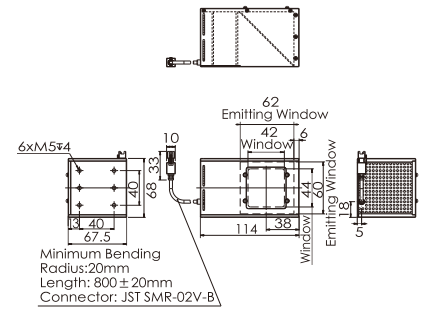
3.OPT-CO50-IR



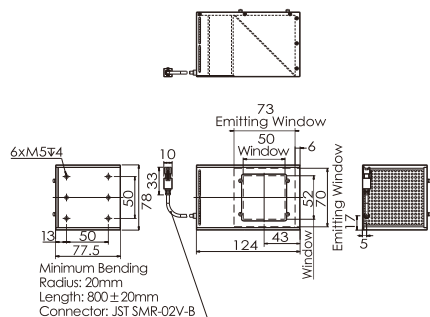
4.OPT-CO60--IR



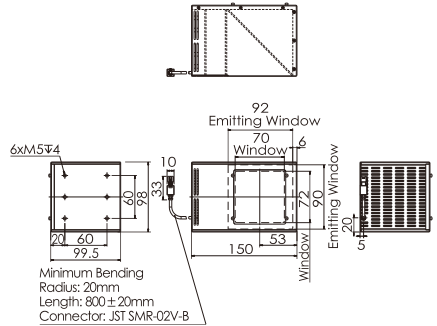
5.OPT-CO70--IR



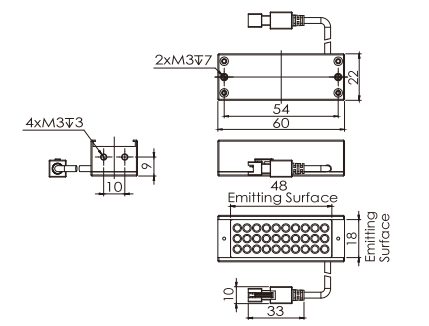
6.OPT-CO80--IR



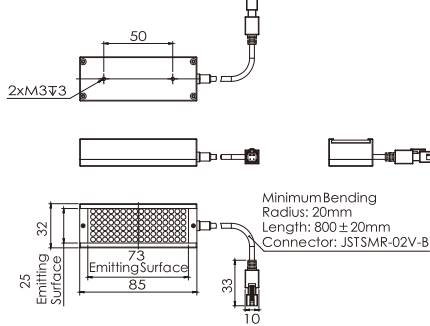
7.OPT-CO100--IR



8.OPT-LI6022-IR

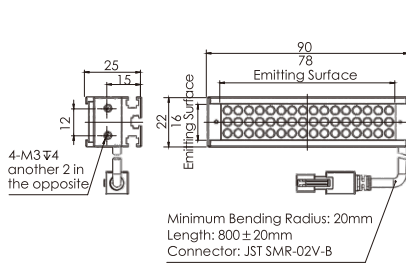


9.OPT-LI8532-IR

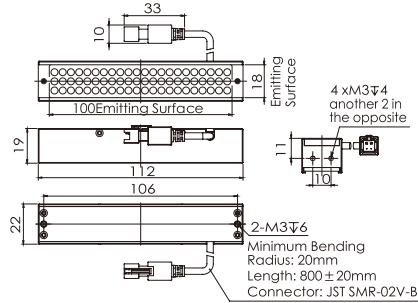


Dimensions (mm)

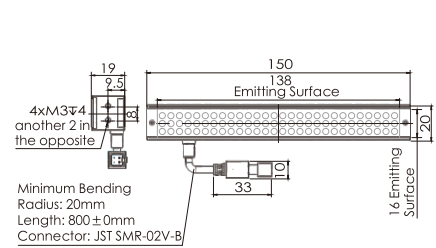
10.OPT-LI9022-IR



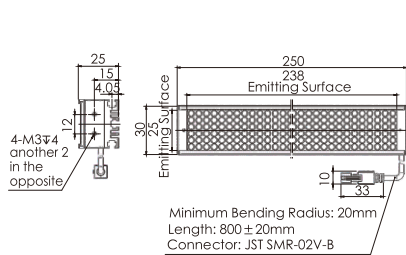
11.OPT-LI11222-IR



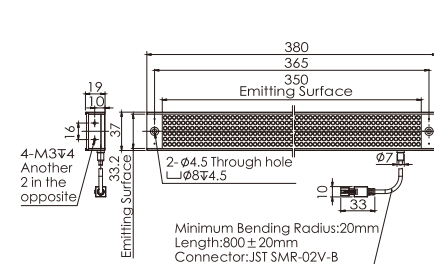
12.OPT-LI15020-IR



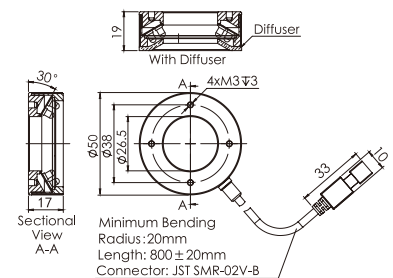
13.OPT-LI25030-IR



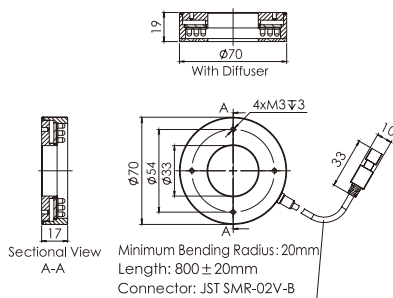
14.OPT-LI38037-IR



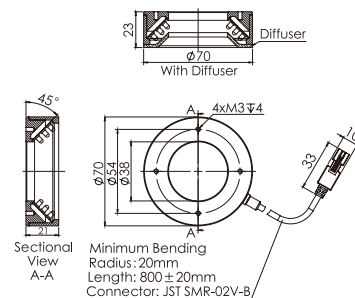
15.OPT-RI5030-IR



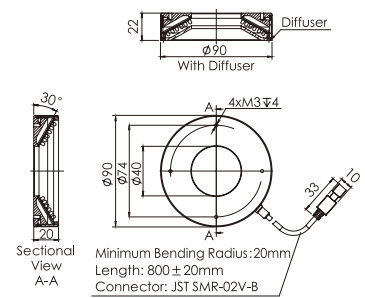
16.OPT-RI7000-IR



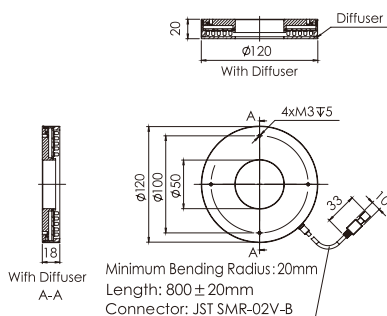
17.OPT-RI7045-IR



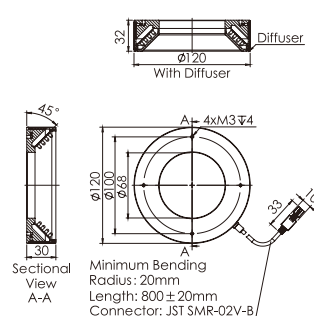
18.OPT-RI9030-IR



19.OPT-RI12000-IR



20.OPT-RI12045-IR



21.OPT-RI12060-IR

