

UV Lights

OPT-XX-UV Series



Product Features

- Equipped with advanced UV LEDs for stable performance
- 365/385/405nm illumination
- Customizable shapes and illumination angles

Application Cases

- Banknote/ticket inspection
- Fluorescent material inspection
- Recognition of fluorescent characters/ barcodes and 2D codes reading
- Minor glass defect detection
- Photochemical effect (for sampling only)
- Minor housing scratches and damage detection
- UV glue inspection

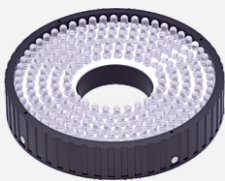


385nm UV light



365nm UV light

Customizable Items



Wavelength



Mounting



Size



Sectional control

UV Series Lights Demonstration

Ring lights



Side backlights



Bottom backlights



High uniformity bar lights



Bar lights



Coaxial lights



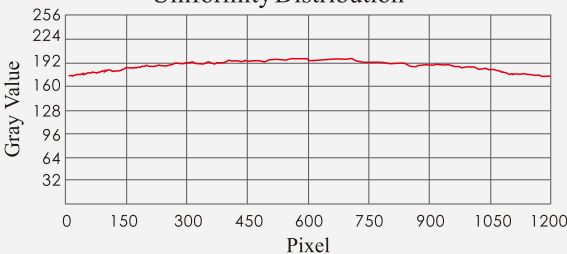
Combined bar lights



Diffuse dark field square lights

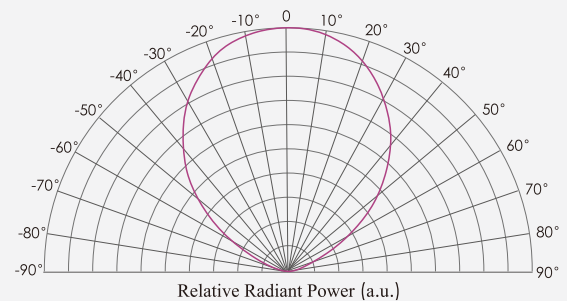


Uniformity Distribution



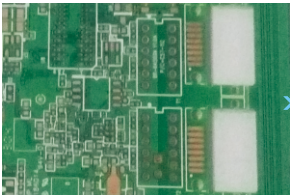
Note: The data is for reference only.

365nm LED



Application Example

- Glue detection on PCB



Workpiece



Illumination



Image

Remark: Users can get clear result image of the transparent UV glue with the UV light.

Model Table (385nm)

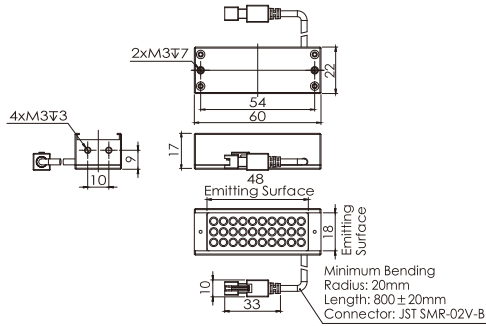
No.	Model	* Output	Wavelength	Recommended controller
1	OPT-LI6022-UV	24V/1.4W	385nm	OPT-DPA1024E OPT-DPA2024E
2	OPT-LI8532-UV	24V/4.1W	385nm	
3	OPT-LI11222-UV	24V/3.2W	385nm	
4	OPT-LI14030-UV	24V/7.4W	385nm	
5	OPT-LI16030-UV	24V/9.3W	385nm	
6	OPT-LI48031-UV	24V/20.2W	385nm	
7	OPT-RI5030-UV	24V/2.6W	385nm	
8	OPT-RI7000-UV	24V/4.3W	385nm	

No.	Model	* Output	Wavelength	Recommended controller
9	OPT-RI7060-UV	24V/5.0W	385nm	OPT-DPA1024E OPT-DPA2024E
10	OPT-RI9000-UV	24V/7.2W	385nm	
11	OPT-RI9030-UV	24V/5.5W	385nm	
12	OPT-RI9045-UV	24V/6.4W	385nm	
13	OPT-RI12000-UV	24V/7.2W	385nm	
14	OPT-RI12030-UV	24V/5.5W	385nm	
15	OPT-RI12045-UV	24V/6.4W	385nm	

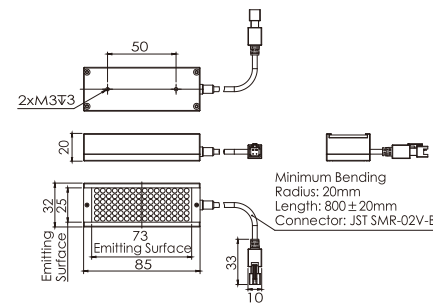
* Note: The data is for reference only.

Dimensions (mm)

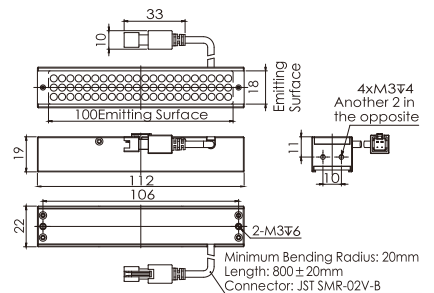
1.OPT-LI6022-UV



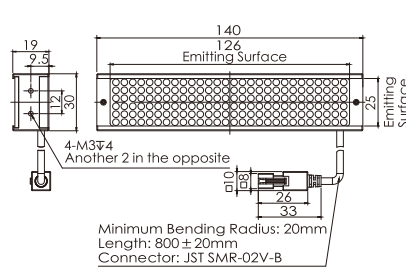
2.OPT-LI8532-UV



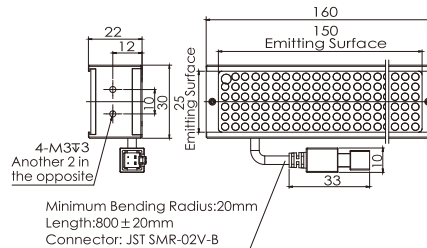
3.OPT-LI11222-UV



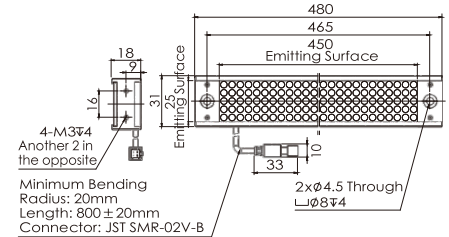
4.OPT-LI14030-UV



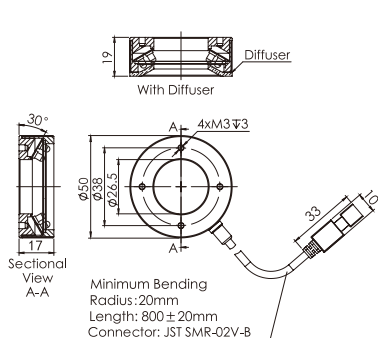
5.OPT-LI16030-UV



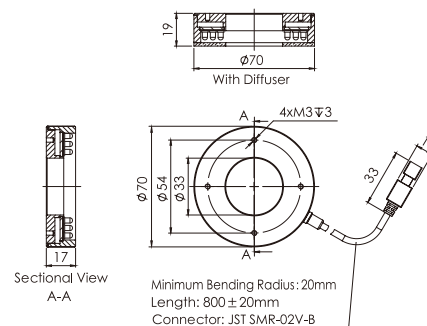
6.OPT-LI48031-UV



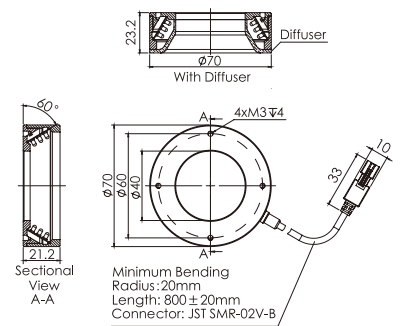
7.OPT-RI5030-UV



8.OPT-RI7000-UV

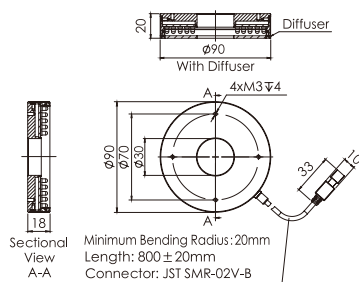


9.OPT-RI7060-UV

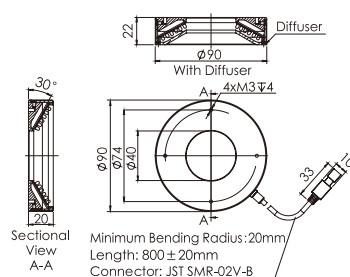


Dimensions (mm)

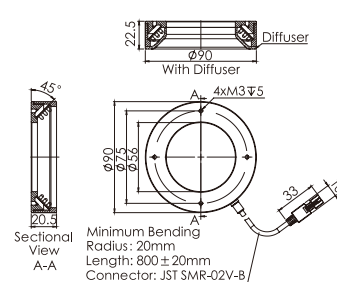
10.OPT-RI9000-UV



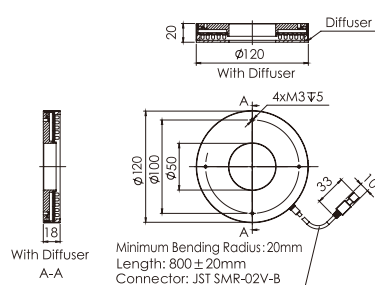
11.OPT-RI9030-UV



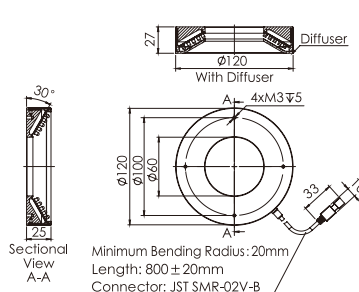
12.OPT-RI9045-UV



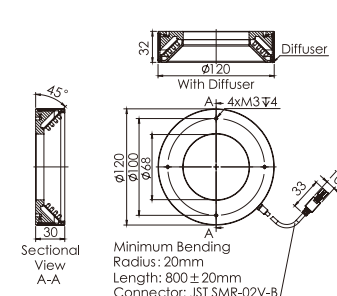
13.OPT-RI12000-UV



14.OPT-RI12030-UV



15.OPT-RI12045-UV

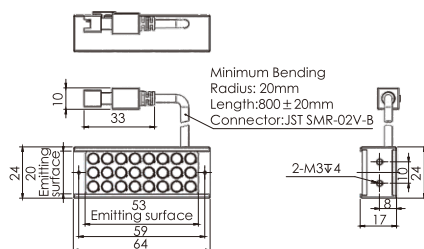


Model Table (365nm)

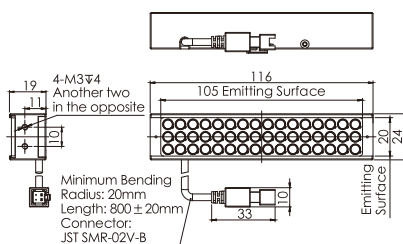
No.	Model	* Output	Wavelength	Recommended controller
1	OPT-LI6424-UV	24V/1.2W	365nm	OPT-DPA1024E OPT-DPA2024E
2	OPT-LI11624-UV	24V/2.3W	365nm	
3	OPT-LI21230-UV	24V/6.5W	365nm	
4	OPT-RI6030-UV	24V/2.3W	365nm	
5	OPT-RI7530-UV	24V/3.5W	365nm	

* Note: The data is for reference only.

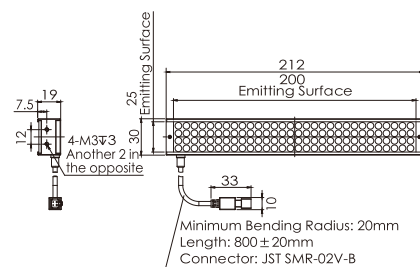
1.OPT-LI6424-UV



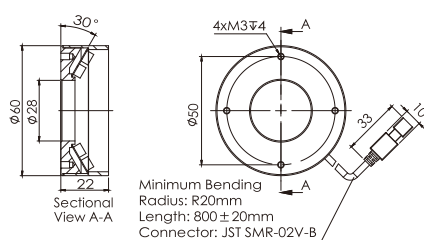
2.OPT-LI11624-UV



3.OPT-LI21230-UV



4.OPT-RI6030-UV



5.OPT-RI7530-UV

