

Ring Lights **OPT-RI Series**

Patented



Product Features

- Providing extreme bright, uniform and diffuse illumination with different emitting angles.
- Profile design with expanded heating dissipation area for improving heading design

Application Cases

- PCB & plastic containers inspection
- Electronic components inspection; OCR for integrated circuits
- Microscope illumination; surface inspection

Selection Guide

OPT-RI12000

- Emitting angle
- Outer diameter
- Ring light
- Brand name

Customizable Items



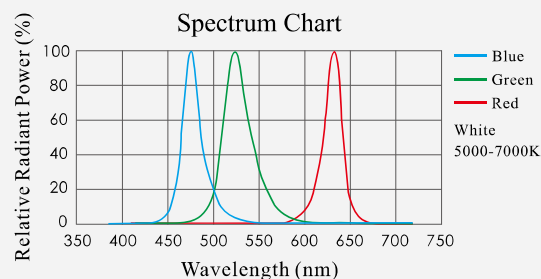
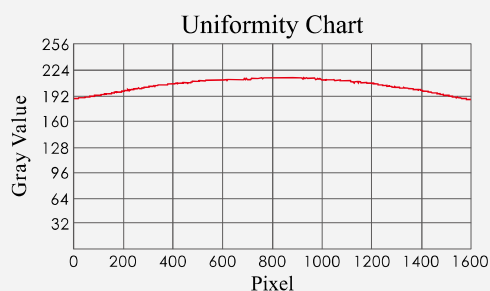
- Optional diffusers for uniform illumination



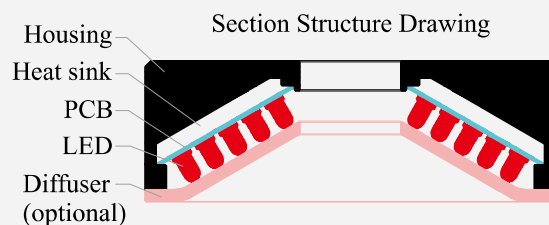
Transparent

Uniform

Standard

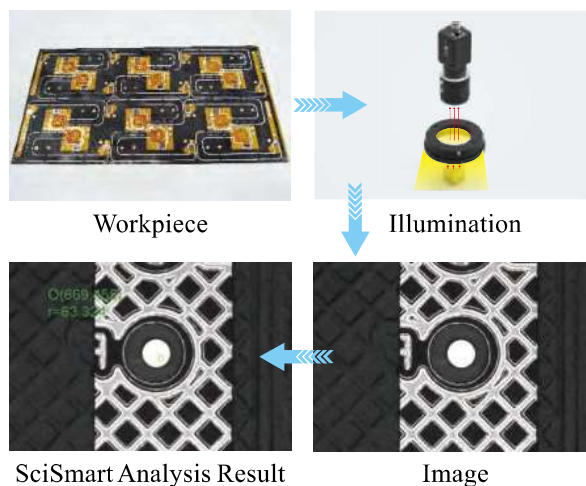


Note: The data is for reference only.



Application Example

- FPC mark positioning



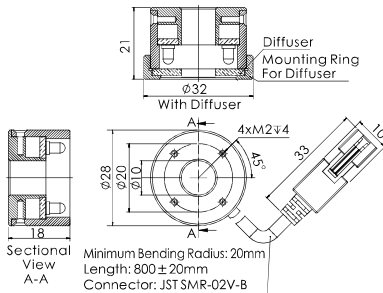
Model Table

No.	Model	* Output 	* Output 	Emitting angle	Recommended controller	No.	Model	* Output 	* Output 	Emitting angle	Recommended controller
1	OPT-RI2800	24V/0.2W	24V/0.5W	0°	OPT-DPA1024E OPT-DPA2024E	22	OPT-RI7045	24V/1.5W	24V/4.2W	45°	OPT-DPA1024E OPT-DPA2024E
2	OPT-RI3500	24V/0.7W	24V/1.4W			23	OPT-RI9045	24V/1.9W	24V/4.8W		
3	OPT-RI5000	24V/0.7W	24V/1.9W			24	OPT-RI12045	24V/3.5W	24V/8W		
4	OPT-RI7000	24V/1.4W	24V/3.2W			25	OPT-RI15045	24V/4.6W	24V/11.3W	60°	
5	OPT-RI9000	24V/3.5W	24V/6.2W			26	OPT-RI7060	24V/1.6W	24V/3.8W		
6	OPT-RI12000	24V/3.4W	24V/8W			27	OPT-RI9060	24V/1.9W	24V/4.8W		
7	OPT-RI15000	24V/7W	24V/18W			28	OPT-RI12060	24V/4W	24V/10.4W		
8	OPT-RI5015	24V/1.4W	24V/3W	29		OPT-RI15060	24V/4.4W	24V/11W			
9	OPT-RI6915	24V/2.7W	24V/3.8W	30		OPT-RI18060	24V/5.5W	24V/13W	70°		
10	OPT-RI9215	24V/2.1W	24V/4.7W	31		OPT-RI27270	24V/3.6W	24V/6.8W			
11	OPT-RI10015	24V/4.4W	24V/7.6W	15°		32	OPT-RI5080	24V/1.2W	24V/1.6W	80°	
12	OPT-RI3220	24V/0.7W	24V/0.8W			20°	33	OPT-RI10080	24V/1.7W		
13	OPT-RI2825	24V/0.2W	24V/0.5W	25°			34	OPT-RI12080	24V/5.3W		
14	OPT-RI4225	24V/0.4W	24V/1.2W			30°	35	OPT-RI27280	24V/6W		
15	OPT-RI5030	24V/0.6W	24V/1.7W	36			OPT-RI5090	24V/0.5W	24V/0.8W		
16	OPT-RI7030	24V/1.3W	24V/3.1W	37			OPT-RI7090	24V/0.4W	24V/1.3W		
17	OPT-RI9030	24V/2.3W	24V/5.3W	38			OPT-RI9090	24V/0.8W	24V/1.3W		
18	OPT-RI12030	24V/3.8W	24V/11W	39			OPT-RI12090	24V/1.8W	24V/2.2W		
19	OPT-RI15030	24V/4.3W	24V/10W	40		OPT-RI15090	24V/2W	24V/2.9W			
20	OPT-RI18030	24V/10W	24V/18.5W	45°		41	OPT-RI18090	24V/1.4W	24V/3.2W		
21	OPT-RI5045	24V/0.9W	24V/2.3W								

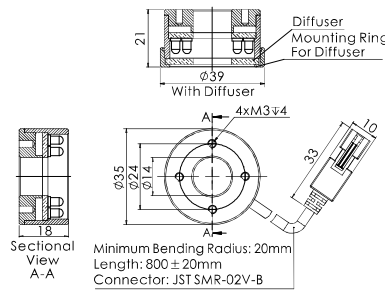
* Note: The data is for reference only.

Dimensions (mm)

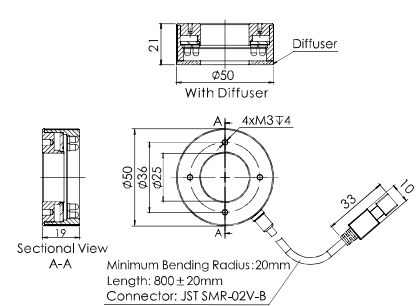
1.OPT-RI2800



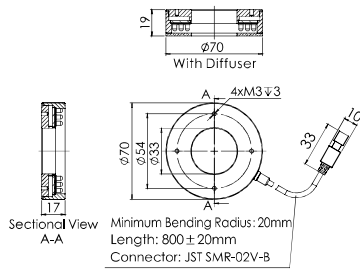
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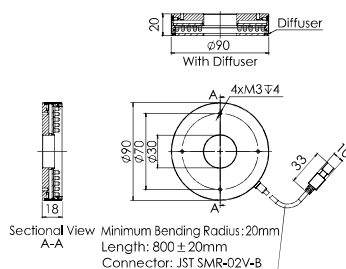
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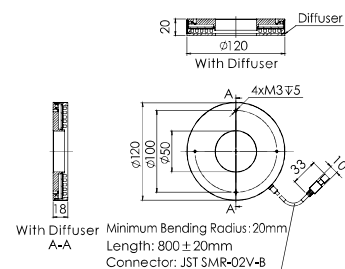
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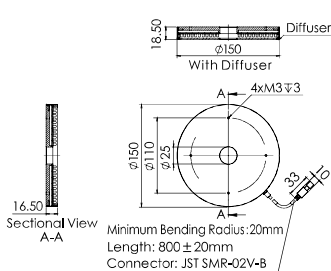
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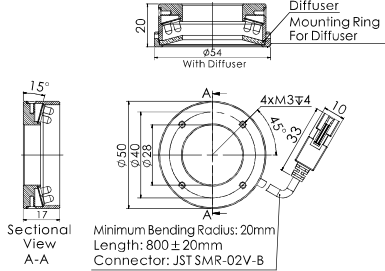
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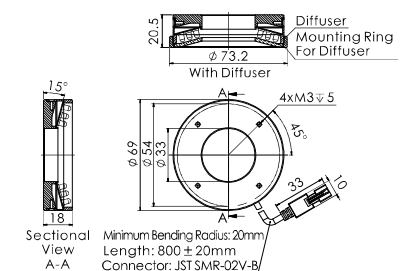
7.OPT-RI15000



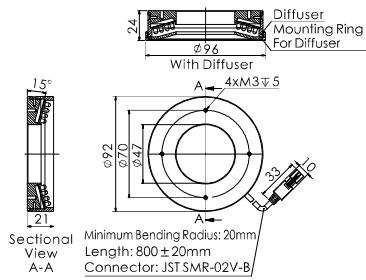
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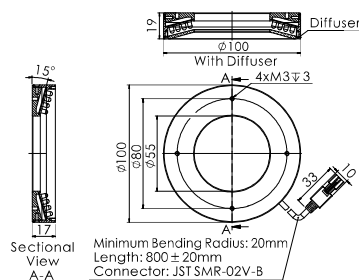
9.OPT-RI6915



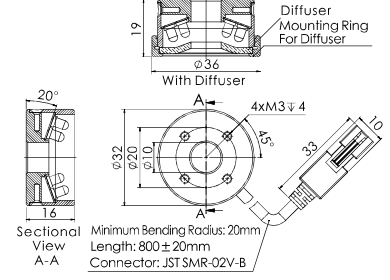
10.OPT-RI9215



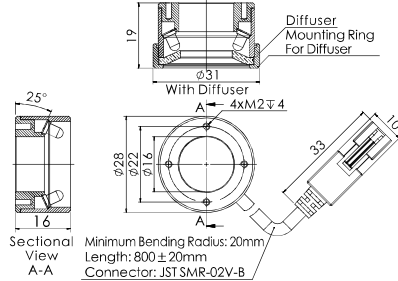
11.OPT-RI10015



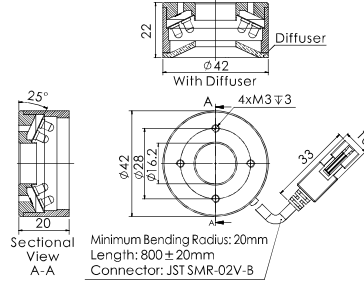
12.OPT-RI3220



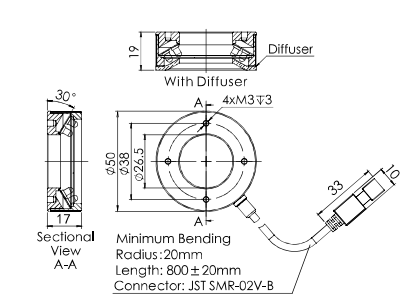
13.OPT-RI2825



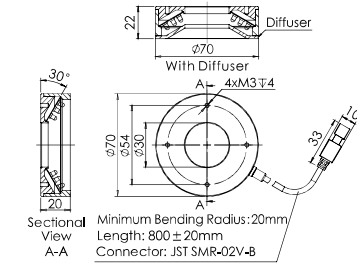
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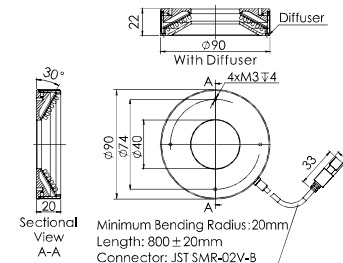
15.OPT-RI5030



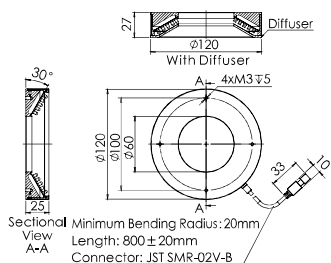
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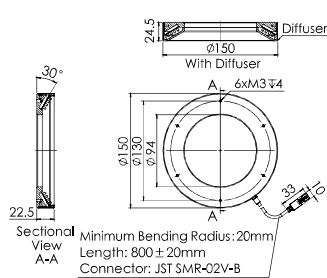
17.OPT-RI9030



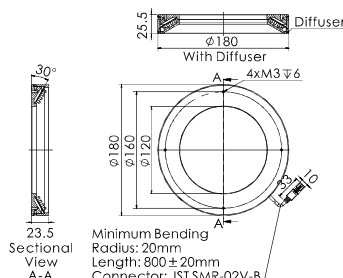
18.OPT-RI12030



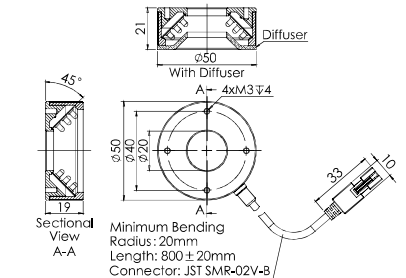
19.OPT-RI15030



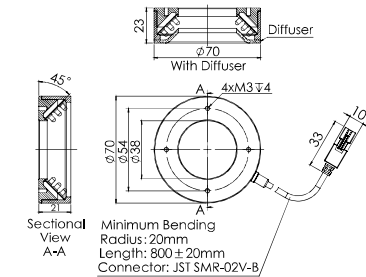
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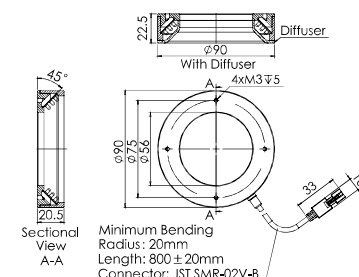
21.OPT-RI5045



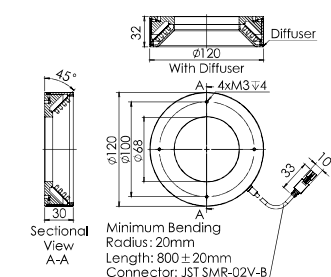
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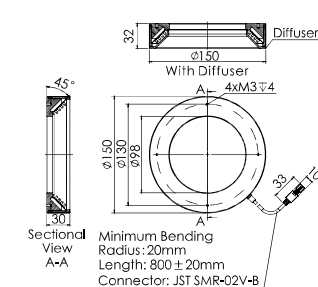
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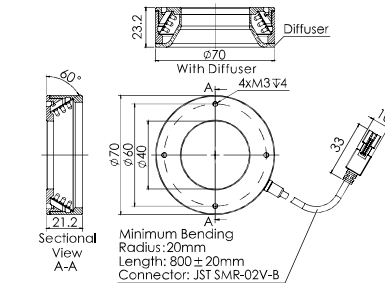
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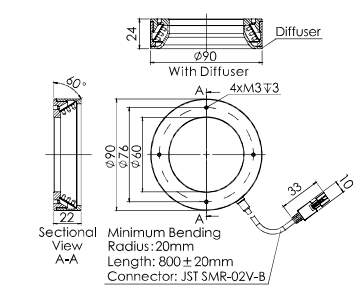
25.OPT-RI15045



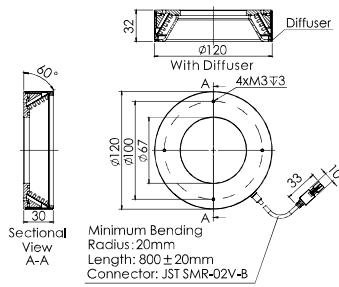
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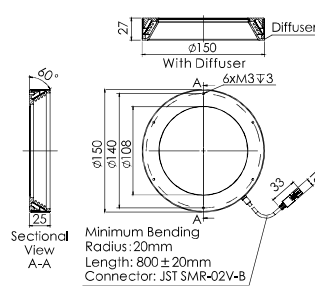
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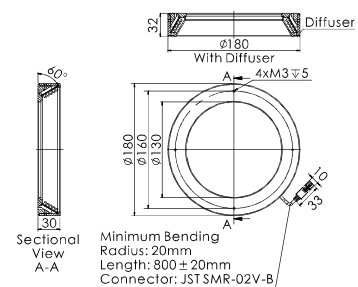
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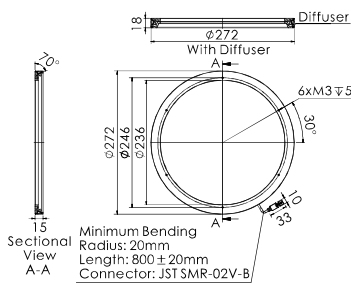
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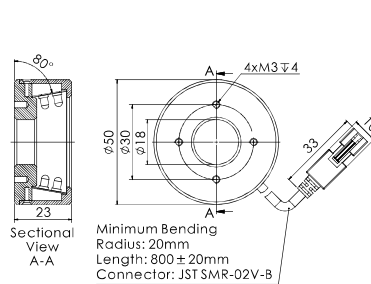
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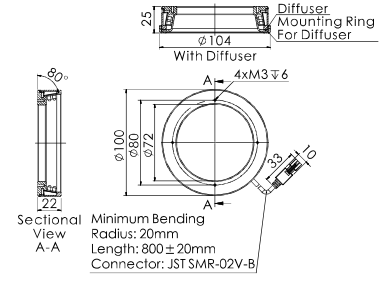
31.OPT-RI27270



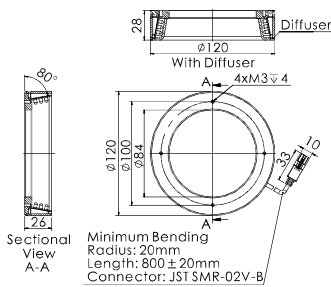
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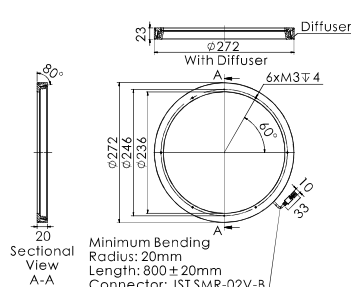
33.OPT-RI10080



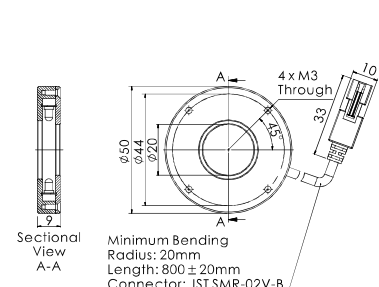
34.OPT-RI12080



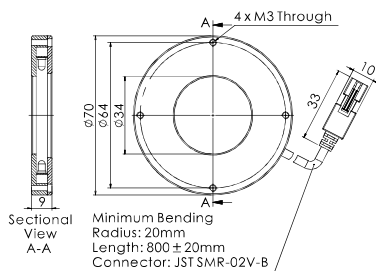
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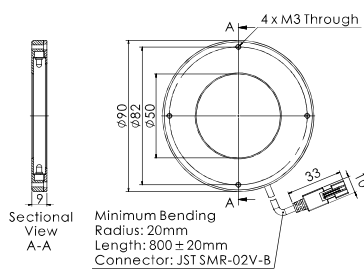
36.OPT-RI5090



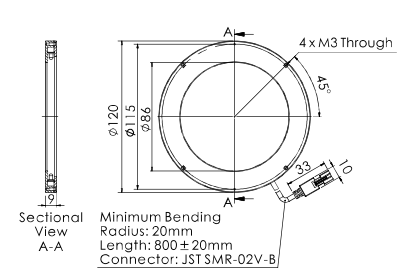
37.OPT-RI7090



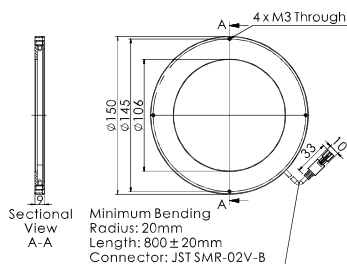
38.OPT-RI9090



39.OPT-RI12090



40.OPT-RI15090



41.OPT-RI18090

