

Dome Lights OPT-RID Series

Patented



Product Features

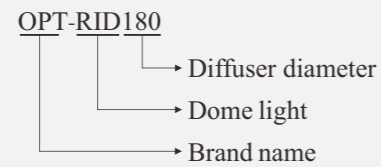
Main Features

- Applicable to eliminate the interference caused by uneven surface
- Combined with OPT-RI Series and OPT-CO Series to achieve better detection

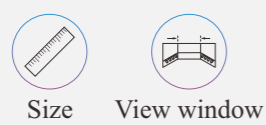
Application Cases

- Curved and uneven surfaces inspection
- Highly reflective metal and glass surfaces inspection

Selection Guide



Customizable Items



Combined with OPT-CO Series

Combined with Coaxial lights to supplement light for the middle view window, which can weaken or eliminate the middle dark area when inspecting high reflective workpiece.

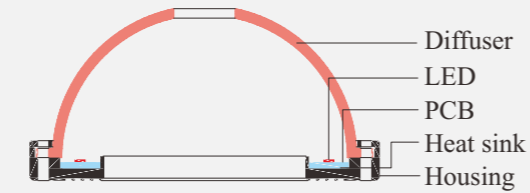


Combined with OPT-RI Series

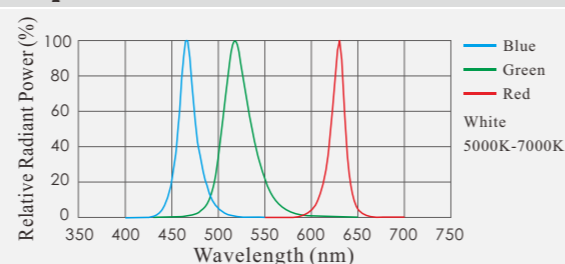
Combined with Ring lights can achieve two light sources alternative or light them to increase brightness at the same time.



Section Structure Drawing

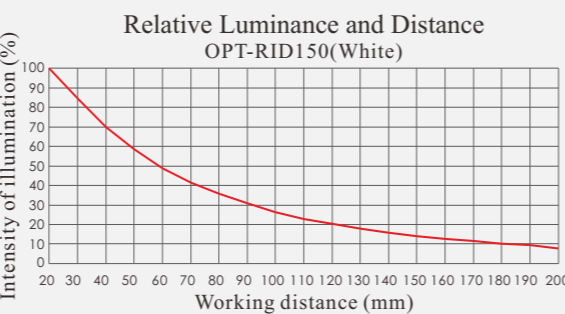
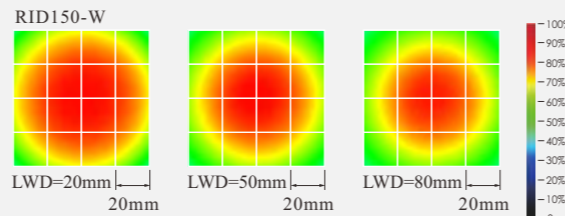


Spectrum Chart



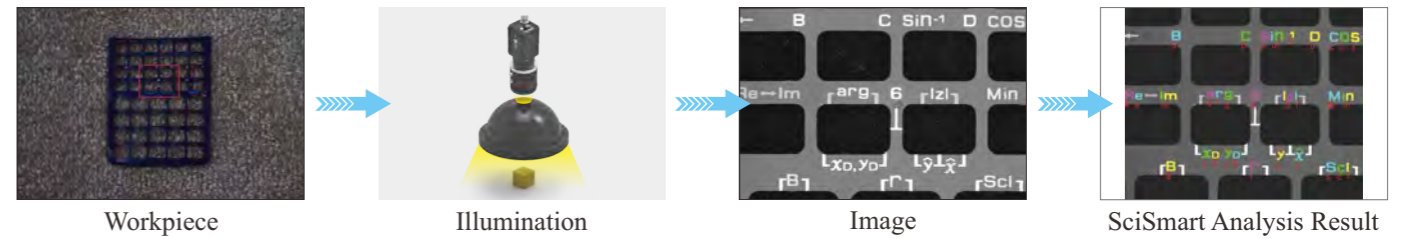
Series features

Relative Radiation Luminance Distribution



Application Cases

OCR on calculators



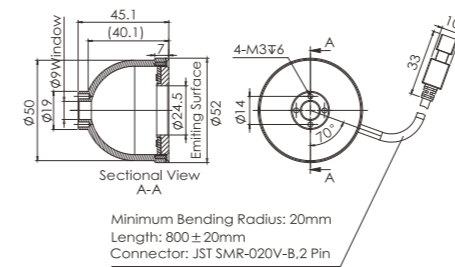
Model Table

No.	Model	* Input ●	* Input ○	* Input ●	* Input ○	Recommended controller
1	OPT-RID52	2.9W@24V	3.1W@24V	2.6W@24V	3.1W@24V	OPT-DPA2024E
2	OPT-RID80	5.1W@24V	5.8W@24V	4.8W@24V	5.8W@24V	
3	OPT-RID100	6.5W@24V	7.9W@24V	6.5W@24V	7.7W@24V	
4	OPT-RID150	14.2W@24V	14.2W@24V	11.8W@24V	13.2W@24V	
5	OPT-RID180	15.4W@24V	16.8W@24V	15.6W@24V	17.5W@24V	
6	OPT-RID240	22.1W@24V	25.2W@24V	17.8W@24V	26.6W@24V	
7	OPT-RID350	49.5W@2.2A	57W@2.5A	50.2W@2.2A	49.5W@2.2A	OPT-DPA6024

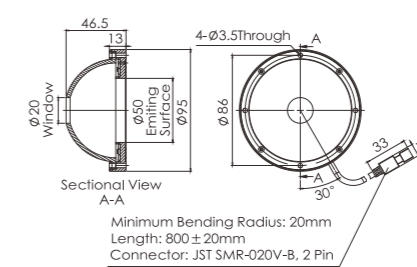
* Note: The data is for reference only.

Dimensions (mm)

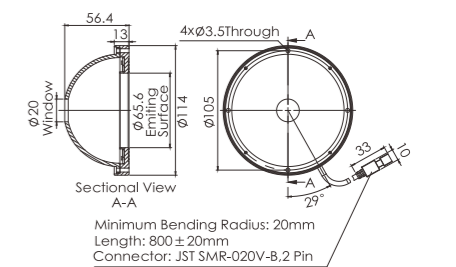
1.OPT-RID52



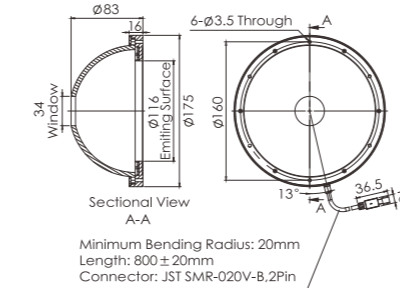
2.OPT-RID80



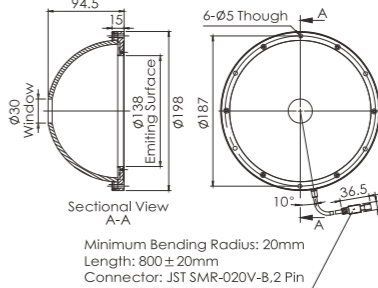
3.OPT-RID100



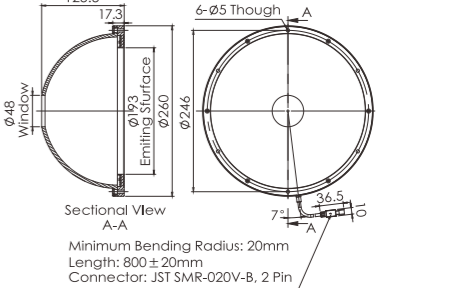
4.OPT-RID150



5.OPT-RID180



6.OPT-RID240



7.OPT-RID350

