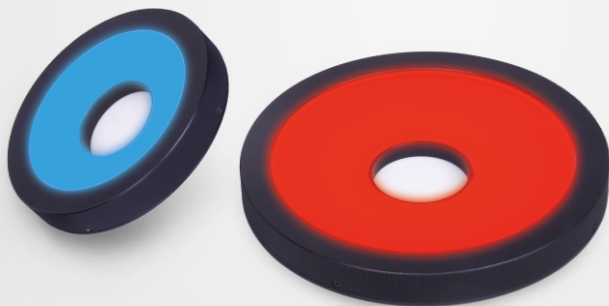


Diffuse Front Ring Lights

OPT-RIU series



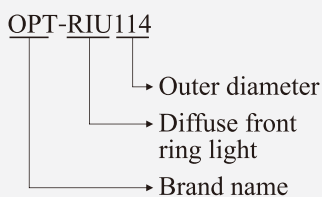
Product Features

- Removing reflections formed by complex small objects effectively
- Special diffuser for uniform and shadowless illumination

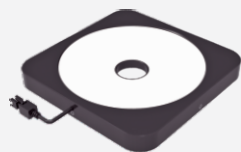
Application Cases

- Inspection of characters and patterns on reflective surfaces
- Inspection of electronic parts and glass products
- Inspection of stamping parts
- Inspection of injection molding parts

Selection Guide



Customizable Items



Color

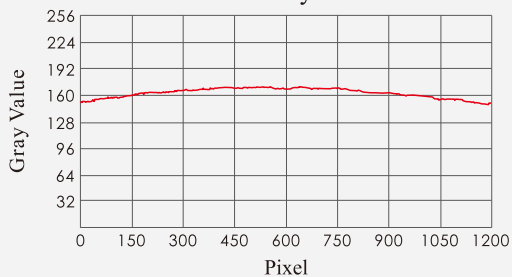


Mounting



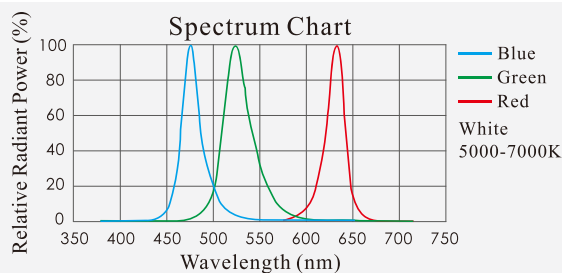
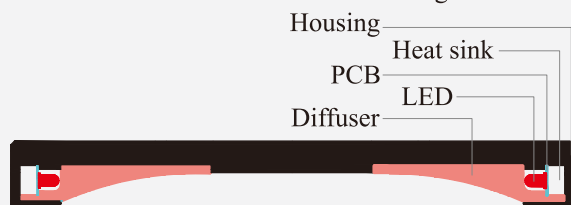
Size

Uniformity Chart



Note: The data is for reference only.

Section Structure Drawing



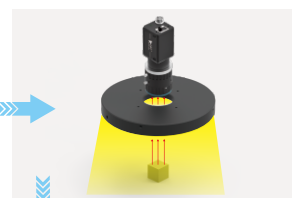
Note: The data is for reference only.

Application Example

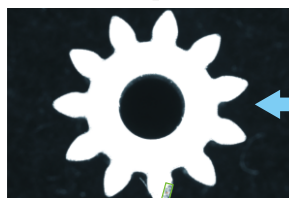
■ Gear defects detection



Workpiece



Illumination



SciSmart Analysis Result



Image

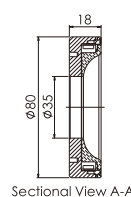
Model Table

No.	Model	* Output ●	* Output ● ● ●	Recommended controller
1	OPT-RIU80	24V/0.8W	24V/1.5W	OPT-DPA1024E OPT-DPA2024E
2	OPT-RIU114	24V/1.6W	24V/2.8W	
3	OPT-RIU150	24V/1.2W	24V/3.6W	

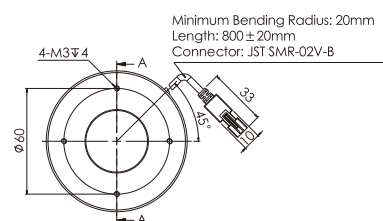
* Note: The data is for reference only.

Dimensions (mm)

1.OPT-RIU80

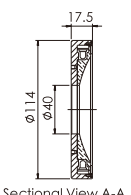


Sectional View A-A

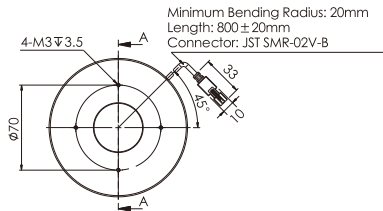


Minimum Bending Radius: 20mm
Length: 800 ± 20mm
Connector: JST SMR-02V-B

2.OPT-RIU114

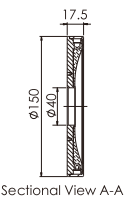


Sectional View A-A

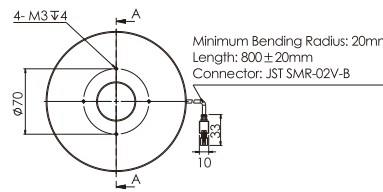


Minimum Bending Radius: 20mm
Length: 800 ± 20mm
Connector: JST SMR-02V-B

3.OPT-RIU150



Sectional View A-A



Minimum Bending Radius: 20mm
Length: 800 ± 20mm
Connector: JST SMR-02V-B