

# Diffuse Front Ring Lights

**OPT-RIU series**



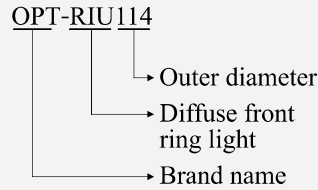
## Product Features

- 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

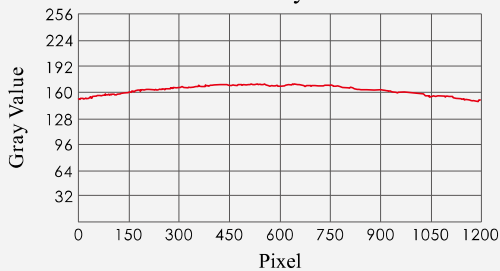


Mounting



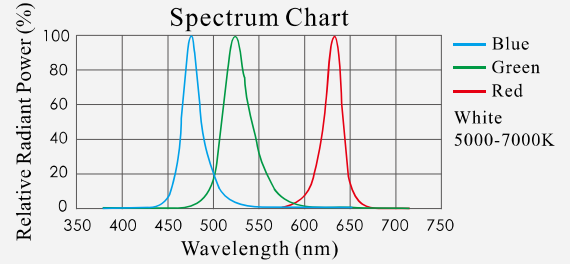
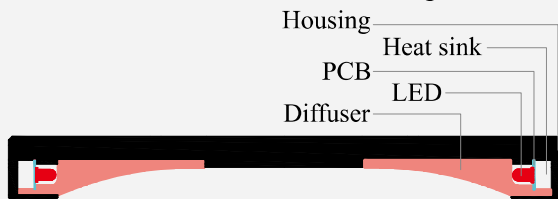
Size

## Uniformity Chart



Note: The data is for reference only.

## Section Structure Drawing



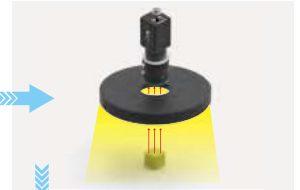
Note: The data is for reference only.

## Application Example

### ■ Gear defects detection



Workpiece



Illumination



SciSmart Analysis Result



Image

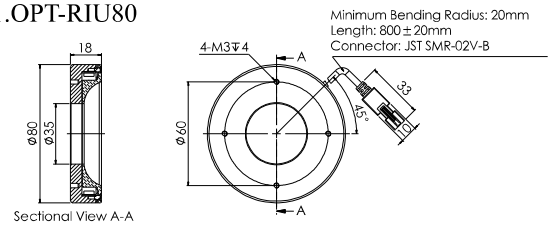
## Model Table

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	

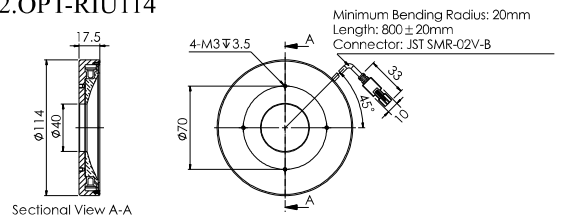
\* Note: The data is for reference only.

## Dimensions (mm)

### 1.OPT-RIU80



### 2.OPT-RIU114



### 3.OPT-RIU150

