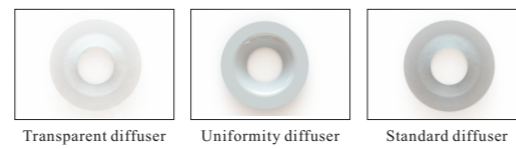


Special diffuser is available for a more uniform illumination



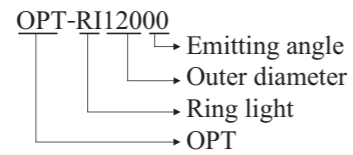
## Product Features

- Ring lights can emit light from different angles and highlight three-dimensional information of an object
- The design of the light enclosure enlarges the area for heat transfer. This keeps the device cool and extends its life span.
- Diffusers can be selected according to the different requirements of the application.

## Application Cases

- ◆ PCB & plastic containers
- ◆ Electronic components, OCR on integrated circuits
- ◆ Microscope illumination, surface inspection
- ◆ Calibration

## Selection Guide



## Customization Options

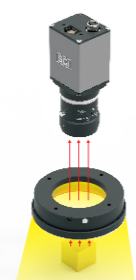
- Color
- Multi-angle emission
- Inside & outside diameter
- Mount Method
- Emitting angle
- Light source combination
- Individual control of different sections
- Connector

## Application Example

### Metal surface inspection



Original Image



Illuminated



Result Image

## Model Table

No.	Model	Output ●	Output ○●●	Recommended controller	Angle between illumination direction and light axis
1	OPT-RI2800	24V/0.2W	24V/0.5W	OPT-DPA1024E	0°
2	OPT-RI3500	24V/0.7W	24V/1.4W	OPT-DPA1024E	
3	OPT-RI5000	24V/0.7W	24V/1.9W	OPT-DPA1024E	
4	OPT-RI7000	24V/1.4W	24V/3.2W	OPT-DPA1024E	
5	OPT-RI9000	24V/3.5W	24V/6.2W	OPT-DPA1024E	
6	OPT-RI12000	24V/3.4W	24V/8W	OPT-DPA1024E	15°
7	OPT-RI15000	24V/7W	24V/18W	OPT-DPA1024E	
8	OPT-RI5015	24V/1.4W	24V/3W	OPT-DPA1024E	
9	OPT-RI6915	24V/2.7W	24V/3.8W	OPT-DPA1024E	
10	OPT-RI9215	24V/2.1W	24V/4.7W	OPT-DPA1024E	
11	OPT-RI10015	24V/4.4W	24V/7.6W	OPT-DPA1024E	20°
12	OPT-RI3220	24V/0.7W	24V/0.8W	OPT-DPA1024E	
13	OPT-RI2825	24V/0.2W	24V/0.5W	OPT-DPA1024E	
14	OPT-RI4225	24V/0.4W	24V/1.2W	OPT-DPA1024E	
15	OPT-RI5030	24V/0.6W	24V/1.7W	OPT-DPA1024E	
16	OPT-RI7030	24V/1.3W	24V/3.1W	OPT-DPA1024E	30°
17	OPT-RI9030	24V/2.3W	24V/5.3W	OPT-DPA1024E	
18	OPT-RI12030	24V/3.8W	24V/11W	OPT-DPA1024E	
19	OPT-RI15030	24V/4.3W	24V/10W	OPT-DPA1024E	
20	OPT-RI18030	24V/10W	24V/18.5W	OPT-DPA1024E	
21	OPT-RI5045	24V/0.9W	24V/2.3W	OPT-DPA1024E	45°

No.	Model	Output ●	Output ○●●	Recommended controller	Angle between illumination direction and light axis
22	OPT-RI7045	24V/1.5W	24V/4.2W	OPT-DPA1024E	45°
23	OPT-RI9045	24V/1.9W	24V/4.8W	OPT-DPA1024E	
24	OPT-RI12045	24V/3.5W	24V/8W	OPT-DPA1024E	
25	OPT-RI15045	24V/4.6W	24V/11.3W	OPT-DPA1024E	
26	OPT-RI7060	24V/1.6W	24V/3.8W	OPT-DPA1024E	
27	OPT-RI9060	24V/1.9W	24V/4.8W	OPT-DPA1024E	60°
28	OPT-RI12060	24V/4W	24V/10.4W	OPT-DPA1024E	
29	OPT-RI15060	24V/4.4W	24V/11W	OPT-DPA1024E	
30	OPT-RI18060	24V/5.5W	24V/13.5W	OPT-DPA1024E	
31	OPT-RI27270	24V/3.6W	24V/6.8W	OPT-DPA1024E	
32	OPT-RI5080	24V/1.2W	24V/1.6W	OPT-DPA1024E	80°
33	OPT-RI10080	24V/1.7W	24V/3.9W	OPT-DPA1024E	
34	OPT-RI12080	24V/5.3W	24V/8.1W	OPT-DPA1024E	
35	OPT-RI27280	24V/6W	24V/11W	OPT-DPA1024E	
36	OPT-RI5090	24V/0.5W	24V/0.8W	OPT-DPA1024E	
37	OPT-RI7090	24V/0.4W	24V/1.3W	OPT-DPA1024E	90°
38	OPT-RI9090	24V/0.8W	24V/1.3W	OPT-DPA1024E	
39	OPT-RI12090	24V/1.8W	24V/2W	OPT-DPA1024E	
40	OPT-RI15090	24V/2W	24V/2.9W	OPT-DPA1024E	
41	OPT-RI18090	24V/1.4W	24V/3.1W	OPT-DPA1024E	

## Dimensional Drawings [mm]

