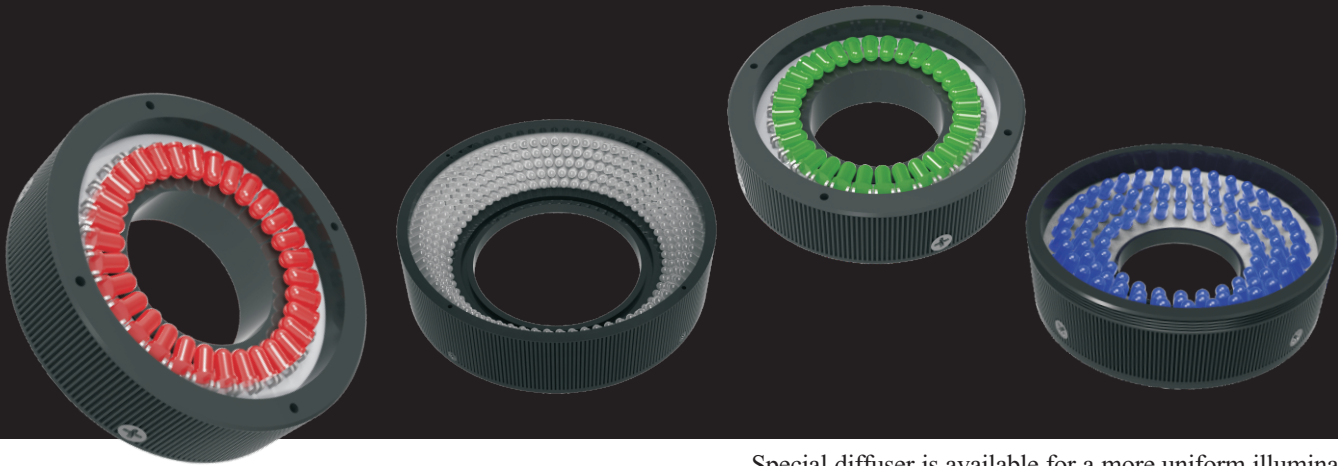




Special diffuser is available for a more uniform illumination



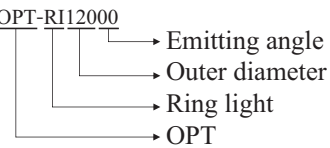
Product Features

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

Application Areas

- ◆ 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

Installation methods

Emitting angle

Light source combination

Independent control of different LED areas

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/0.6W	24V/2.9W	OPT-DPA1024E	
3	OPT-RI5000	24V/0.5W	24V/1.7W	OPT-DPA1024E	
4	OPT-RI7000	24V/1.2W	24V/2.9W	OPT-DPA1024E	
5	OPT-RI9000	24V/2.4W	24V/5.6W	OPT-DPA1024E	
6	OPT-RI12000	24V/3.6W	24V/7.2W	OPT-DPA1024E	15°
7	OPT-RI15000	24V/7.0W	24V/16.8W	OPT-DPA1024E	
8	OPT-RI5015	24V/1.6W	24V/3.0W	OPT-DPA1024E	
9	OPT-RI6915	24V/2.6W	24V/3.6W	OPT-DPA1024E	
10	OPT-RI9015	24V/4.0W	24V/6.8W	OPT-DPA1024E	
11	OPT-RI9215	24V/2.4W	24V/4.9W	OPT-DPA1024E	20°
12	OPT-RI10015	24V/5.1W	24V/7.9W	OPT-DPA1024E	
13	OPT-RI3220	24V/0.6W	24V/0.9W	OPT-DPA1024E	
14	OPT-RI2825	24V/0.5W	24V/0.6W	OPT-DPA1024E	
15	OPT-RI4225	24V/0.5W	24V/1.1W	OPT-DPA1024E	
16	OPT-RI5030	24V/0.5W	24V/1.6W	OPT-DPA1024E	30°
17	OPT-RI7030	24V/1.5W	24V/2.9W	OPT-DPA1024E	
18	OPT-RI9030	24V/2.4W	24V/5.6W	OPT-DPA1024E	
19	OPT-RI12030	24V/5.3W	24V/10.6W	OPT-DPA1024E	
20	OPT-RI15030	24V/4.8W	24V/7.8W	OPT-DPA1024E	
21	OPT-RI18030	24V/10.6W	24V/18.8W	OPT-DPA1024E	45°
22	OPT-RI5045	24V/1.0W	24V/2.3W	OPT-DPA1024E	
23	OPT-RI7045	24V/1.5W	24V/3.3W	OPT-DPA1024E	
24	OPT-RI9045	24V/1.8W	24V/4.6W	OPT-DPA1024E	
25	OPT-RI12045	24V/3.8W	24V/8.1W	OPT-DPA1024E	
26	OPT-RI15045	24V/4.6W	24V/12W	OPT-DPA1024E	60°
27	OPT-RI7060	24V/1.5W	24V/3.9W	OPT-DPA1024E	
28	OPT-RI9060	24V/2.4W	24V/4.8W	OPT-DPA1024E	
29	OPT-RI12060	24V/4.6W	24V/10W	OPT-DPA1024E	
30	OPT-RI15060	24V/4.8W	24V/10.8W	OPT-DPA1024E	
31	OPT-RI18060	24V/6.0W	24V/12.8W	OPT-DPA1024E	70°
32	OPT-RI27270	24V/4.6W	24V/7.2W	OPT-DPA1024E	
33	OPT-RI18075	24V/3.4W	24V/4.8W	OPT-DPA1024E	
34	OPT-RI5080	24V/0.9W	24V/1.6W	OPT-DPA1024E	
35	OPT-RI10080	24V/1.9W	24V/3.6W	OPT-DPA1024E	
36	OPT-RI12080	24V/5.2W	24V/8.7W	OPT-DPA1024E	80°
37	OPT-RI27280	24V/7.5W	24V/11.1W	OPT-DPA1024E	
38	OPT-RI5090	24V/0.5W	24V/0.8W	OPT-DPA1024E	
39	OPT-RI7090	24V/0.6W	24V/1.4W	OPT-DPA1024E	
40	OPT-RI9090	24V/0.6W	24V/1.2W	OPT-DPA1024E	
41	OPT-RI12090	24V/1.8W	24V/2.2W	OPT-DPA1024E	90°
42	OPT-RI15090	24V/2.1W	24V/3.2W	OPT-DPA1024E	
43	OPT-RI18090	24V/1.8W	24V/3.8W	OPT-DPA1024E	

Dimensional Drawings [mm]

1 OPT-RI2800

2 OPT-RI3500

3 OPT-RI5000

4 OPT-RI7000

5 OPT-RI9000

6 OPT-RI12000

7 OPT-RI15000

8 OPT-RI5015

9 OPT-RI6915

