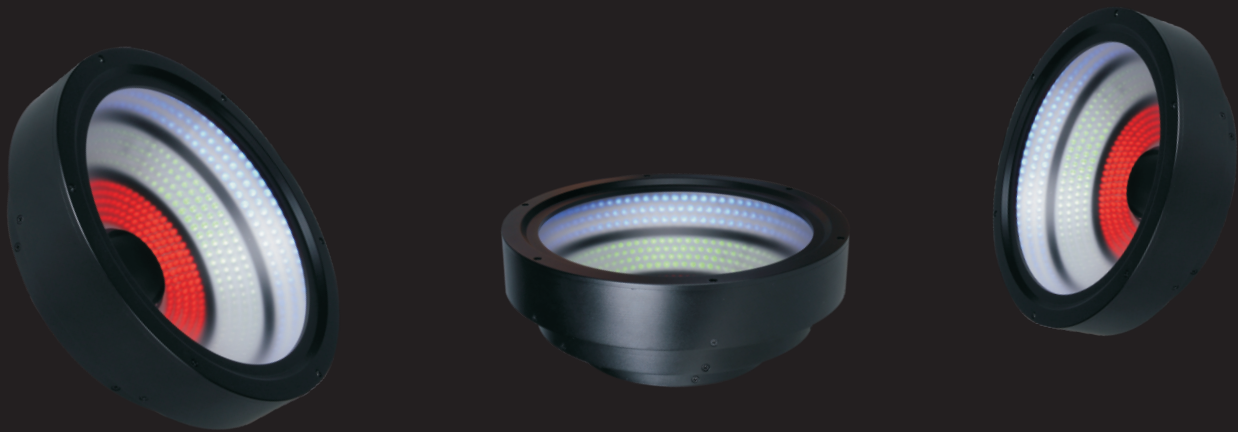


AOI Lights OPT-RIA series



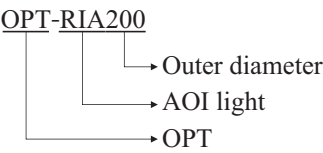
Product Features

- 1 Special diffusers provide high uniformity
- 2 Multi-color illumination from different angles highlights the 3D information e.g. of the soldering
- 3 Widely applied in the inspection of objects with complex shapes

Application Cases

- ◆ Inspection of the soldering of circuit boards
- ◆ Inspection of round objects
- ◆ Inspection of objects with varying height

Selection Guide



Customization Options

Color

Size

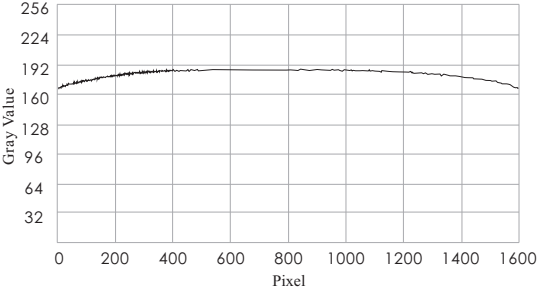
Mount method

Multi-angle

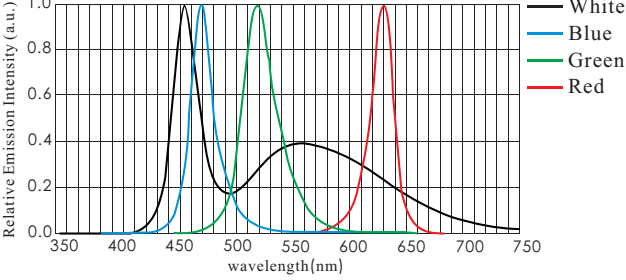
Light combination

Individual control of different sections

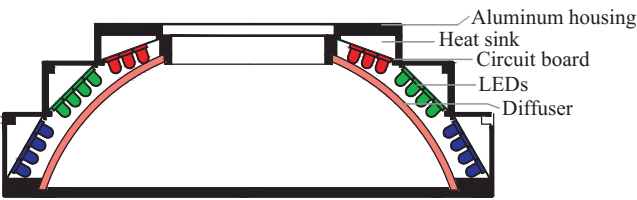
Uniformity Chart



Spectrum Chart

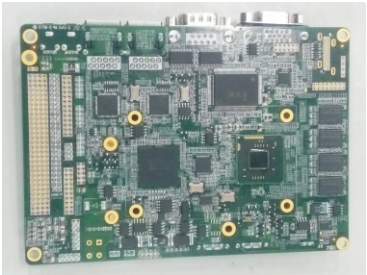


Section Structure Drawing



Application Example

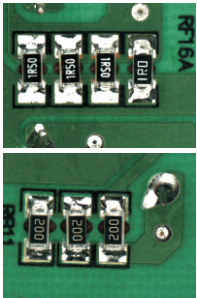
Inspection of solder joints on PCBs



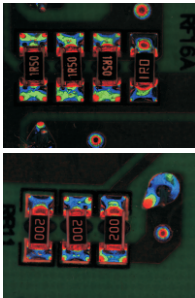
Original Image



Illuminated



Result image with white light



Result image with the AOI Light

Model Table

Model	Output	Channel	Recommended controller
OPT-RIA200-RGB	24V/31.4W	3	OPT-APA0824
OPT-RIA211-RGB	24V/35.4W	3	OPT-DPA1024E
OPT-RIA250-RGB	24V/50.2W	3	OPT-DPA1024E
OPT-CO70-RIA211-RGBW	24V/47.6W	4	OPT-DPA1024E

Dimensional Drawings [mm]

