

Collimated Spot Lights OPT-PIPL series



Product Features

- 1 Parallel direction of emitted light
- 2 Working distances from 80 to 250 mm, illuminated area can be adjusted

Application Case

- ◆ Localization of marker points
- ◆ Electronic chip inspection
- ◆ Inspection of wafers and LCD glass substrates
- ◆ Scanning
- ◆ Surface inspection
- ◆ LCD board inspection

Customization Options

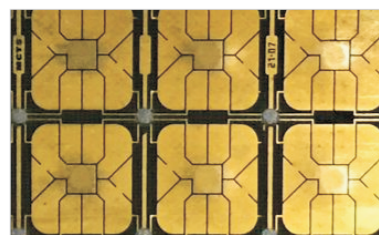
Color
Power
Size
Mount method
Heat release

Model Table

No.	Model	Output ●	Output ○●●	Recommended Controller
1	OPT-PIPL24	0.8A/2.4W	0.8A/3.0W	<ul style="list-style-type: none"> ● OPT-APA0805 ○ OPT-APA0805 ● OPT-APA0805 ● OPT-APA0805

Application Example

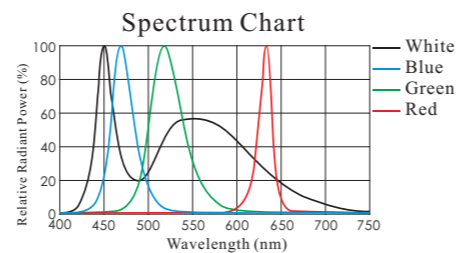
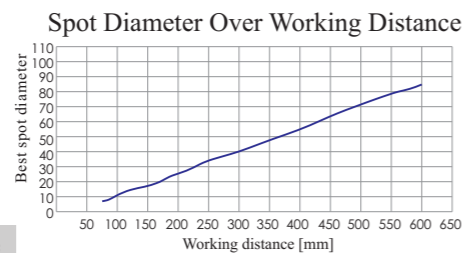
Inspected item: bank card chip



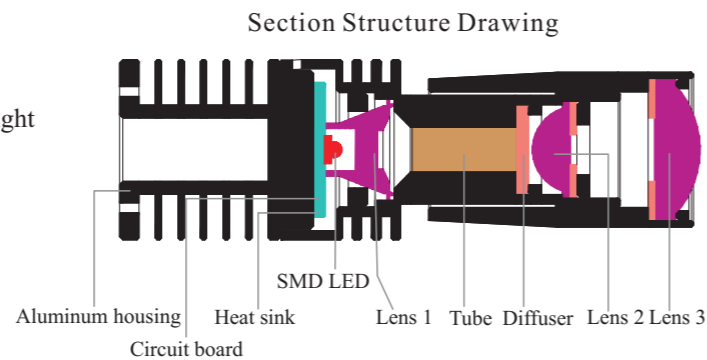
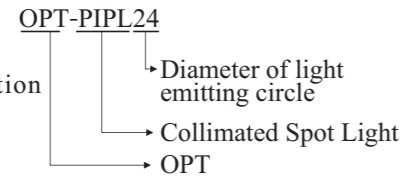
Original Image



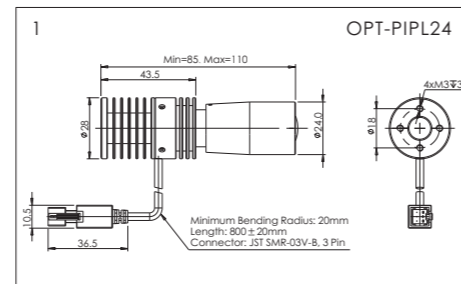
Result Image



Selection Guide



Dimensional Drawings [mm]



Fiber Spot Lights OPT-QG series



Product Features

- 1 Power input of 100 - 240V thanks to integrated power supply
- 2 Suitable to replace halogen lights without changing any other equipment
- 3 High-intensity LEDs feature two times longer lifespan than halogen lights

Application Cases

- ◆ Replacement of halogen lights
- ◆ Illumination in the medical field
- ◆ Semiconductor equipment
- ◆ Microscopes
- ◆ General industrial applications

Customization Options

Color
Power
Size
Mount method
Heat release
Fiber cable length and number of branch

Application Example

Beer cap surface characters recognition

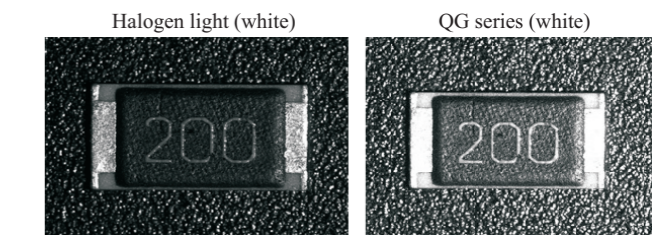


Original Image



Result Image

25 W LEDs deliver the same brightness as 100 W halogen lights



Halogen lights provide insufficient intensity, leading to poor image quality, while QG series lights offer the required brightness.

Selection Guide

