

High Intensity Spot Lights **OPT-PIG Series**



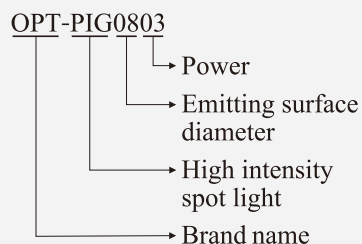
Product Features

- Efficient heat dissipation design for effective control of light source temperature
- Equipped with the special light-guiding tube (Up to 400k lux illuminance)
- Combined with concentrating module as front light

Application Cases

- Capacitor surface inspection
- Screw surface inspection
- Pitch gauging for connectors
- Solder joints inspection

Selection Guide



Customizable Items



Color



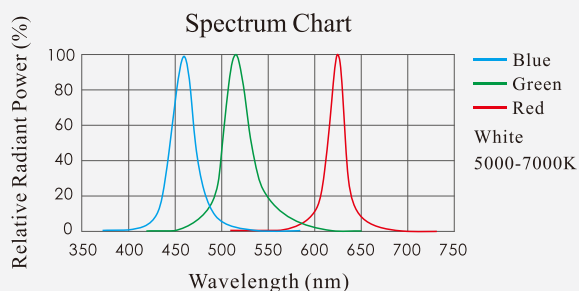
Mounting



Heat dissipation

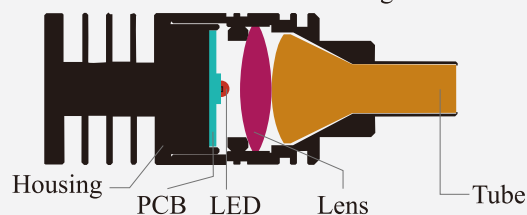


Size



Note: The data is for reference only.

Section Structure Drawing



Application Example

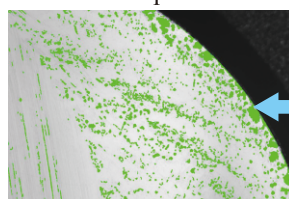
- Surface defects detection for fingerprint scanners



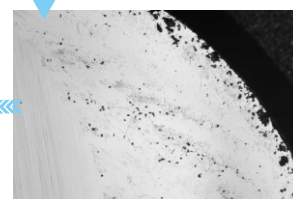
Workpiece



Illumination



SciSmart Analysis Result

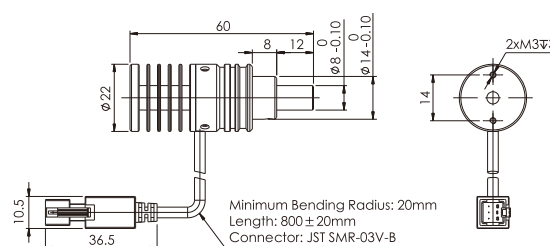


Image

Model Table

No.	Model	* Output ●	* Output ●●	Recommended controller
1	OPT-PIG0803	0.7A/1.8W	0.7A/2.3W	OPT-DPA2005E

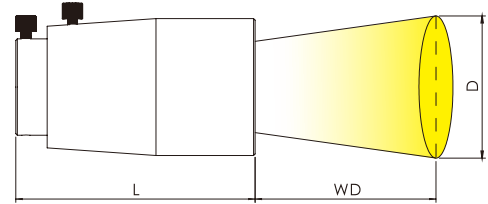
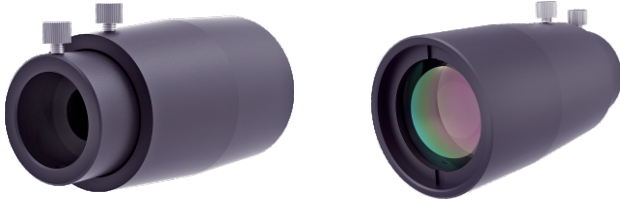
Dimensions (mm)



Accessory

OPT-PPIG27 Concentrating Module

Application



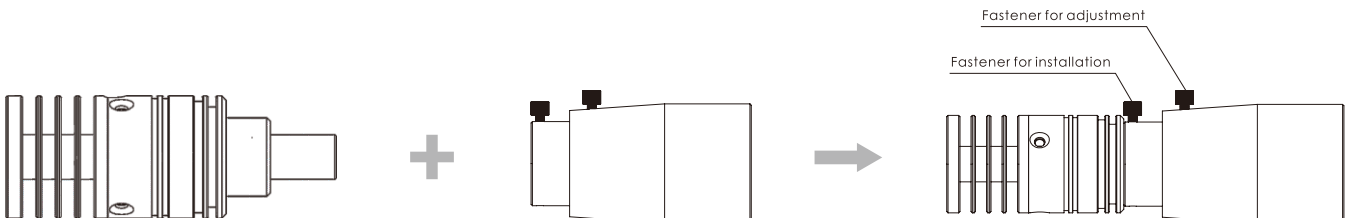
Parameters (Unit: mm)										
Working distance (WD)	100	200	300	400	500	600	700	800	900	1000
Accessory length (L)	67	64	62	61	60.7	60.4	60	59.8	59.5	59
* Spot diameter (D)	15	30	50	67	85	105	120	140	160	180

Notes: 1. The data above is tested with OPT-PIG0803 mounted with the module.

2. Recommended working distance: 100~1000mm

* 3. The test data is for reference only.

Mounting



Dimensions (mm)

1.OPT-PPIG27

