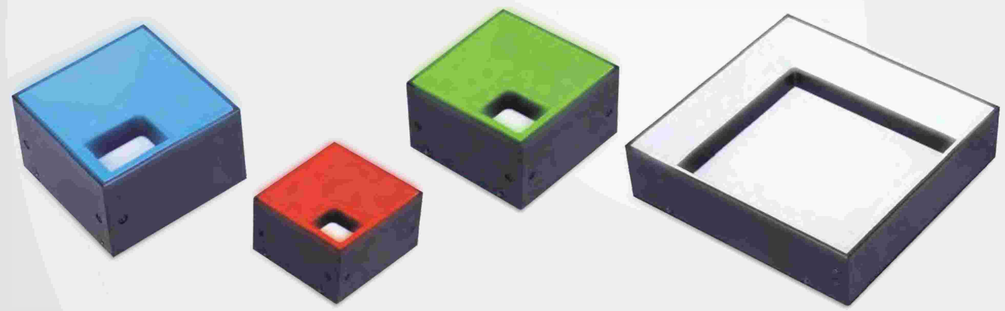
Diffuse Dark Field Square Lights OPT-RBVseries



Product Features

Main Features

- Uniform and shadowless illumination from four directions
- For the use on irregular rectangular targets
- Suitable for multiple applications at different working distances

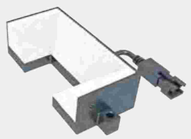
Application Cases

- Detection of surface defects
- OCR, logos, barcodes, and fingerprints recognition

Selection Guide

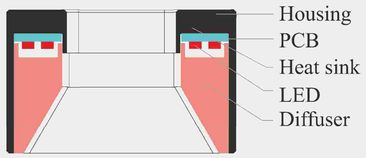
OPT-RBV48
- Length
- Diffuse dark field square light
- Brand name

Customizable Items

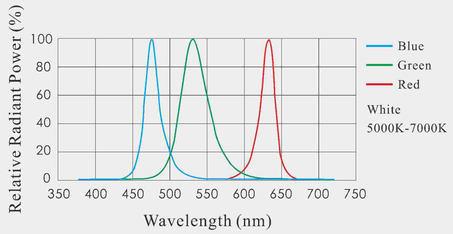


Color, Mounting, Size, Sectional control

Section Structure Drawing



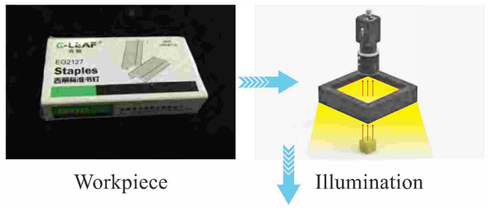
Spectrum Chart



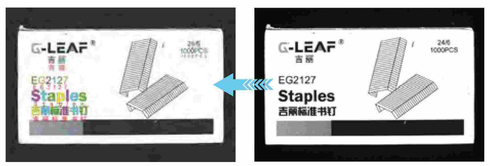
Note: The data is for reference only.

Application Cases

Packaging box surface inspection



Workpiece, Illumination



SciSmart Analysis Result, Image

Model Table

No.	Model	∗Power ○	∗Power ●	∗Power ●	∗Power ●	Recommended controller
1	OPT-RBV32	2.4W@24V	1.7W@24V	2.1W@24V	2.5W@24V	OPT-DPA2024E
2	OPT-RBV48	4.4W@24V	3.3W@24V	4.3W@24V	4.7W@24V	
3	OPT-RBV118	11.2W@24V	9.7W@24V	10.8W@24V	12.1W@24V	
4	OPT-RBV150	12.9W@24V	9.5W@24V	15.2W@24V	13.1W@24V	
5	OPT-RBV9855	8.7W@24V	7.5W@24V	7.6W@24V	9.5W@24V	
6	OPT-RBV12570	10.3W@24V	8.7W@24V	8.2W@24V	11.4W@24V	

∗ Note: The data is for reference only.

Dimensions (mm)

*) OPT-RBV9855

Model	Color	Voltage	Power
OPT-RBV9855-W	White	24V	8.7W