Coaxial Lights OPT-BC Series



Product Features

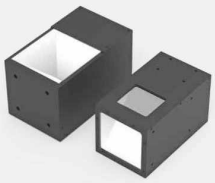
Main Features

- Excellent directional emitting light suitable for long working distance, enhancing the image features
- The high density LED arrays and special heat dissipation design ensure the illumination intensity and long lifespan.
- For surface detection of reflective workpieces, it able to highlight the unevenness of surface

Application Cases

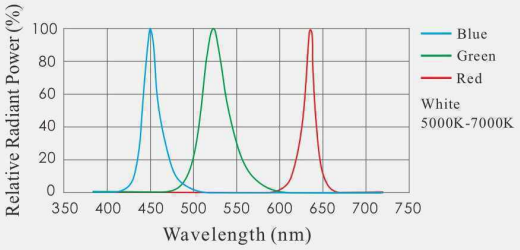
- Scratches detection on highly reflective surfaces
- Defect detection on silicon wafers
- Mark positioning
- Barcode reading
- Laser-marked OCR codes reading
- Edge positioning and gauging of workpiece
- LCD glue inspection
- Bump points on object surface defects detection

Customizable Items





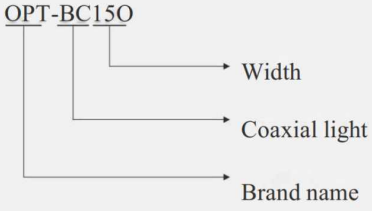
Spectrum Chart



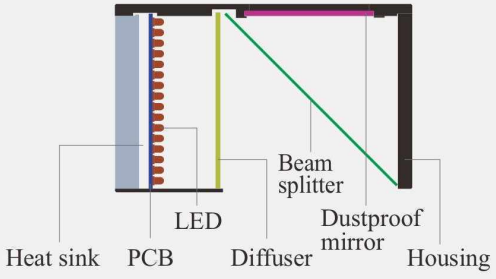
Note: The data is for reference only.

OPT- BC Coaxial Lights

Selection Guide

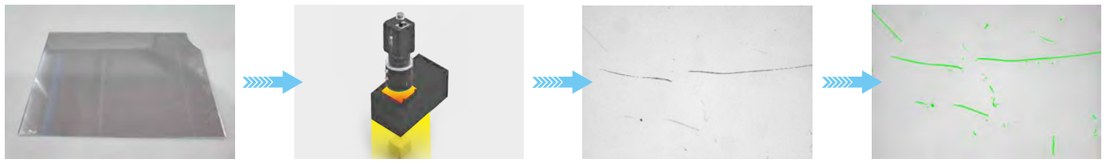


Section Structure Drawing



Application Cases

Detection of defects on reflective glass surface



Workpiece　　Illumination　　Image　　SciSmart Analysis Result

Model Table

No.	Model	* Input ●	* Input ○●●	Recommended controller
1	OPT-BC30	1.4W@24V	1.8W@24V	OPT-DPA2024E
2	OPT-BC40	2.2W@24V	3.3W@24V	
3	OPT-BC50	4W@24V	5.9W@24V	
4	OPT-BC60	5.3W@24V	8.0W@24V	
5	OPT-BC70	8.9W@24V	10.5W@24V	
6	OPT-BC80	8W@24V	12W@24V	
7	OPT-BC100	16.8W@24V	17.5W@24V	
8	OPT-BC150	31W@24V	36W@24V	
9	OPT-BC200	52.8W@2.2A	60W@2.5A	OPT-DPA6024

* Note: The data is for reference only.

Dimensions (mm)

*)OPT-BC50

Model	Color	Voltage	Power
OPT-BC05-W	White	24V	5.4W

