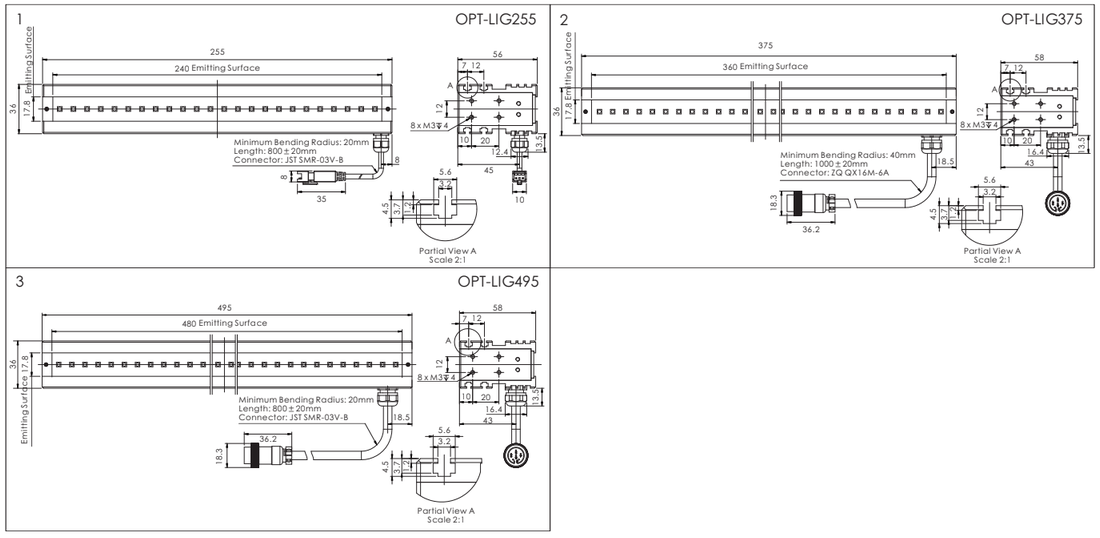
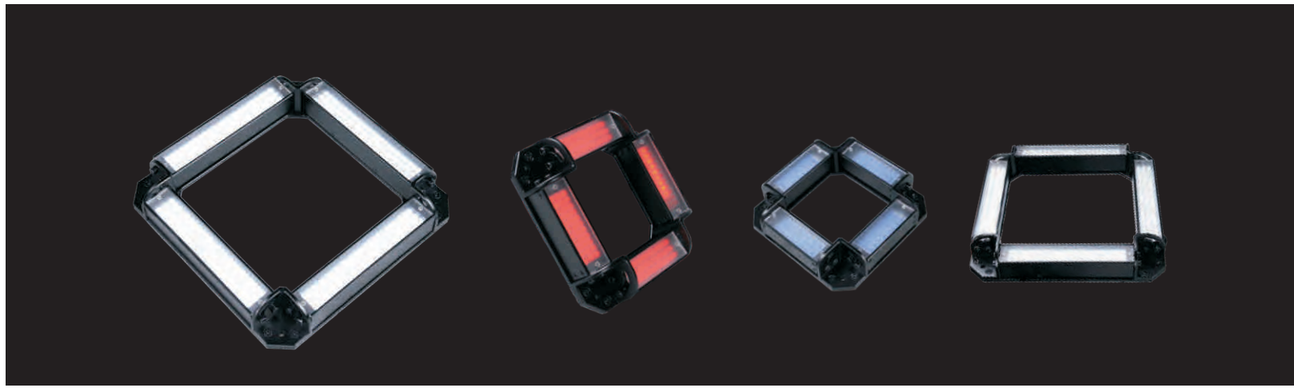
Model Table

No.	Model	Output ●	Output ○●●	Recommended controller
1	OPT-LIG255	0.6A/14.4W	1A/24W	OPT-APA0824
2	OPT-LIG375	1.2A/28.8W	1.2A/28.8W	OPT-DPA6024
3	OPT-LIG495	1.6A/38.4W	1.6A/38.4W	OPT-DPA6024

Dimensional Drawings [mm]



Combined Bar Lights OPT-LIM Series



Product Features

1. Free angle adjustment
2. Intensity of each light can be controlled independently
3. Widely used, first choice for the large square illumination

Application Areas

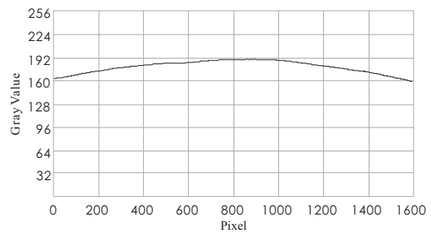
- PCB inspection
- Electronic component inspection
- Solder inspection
- Marker point localization
- Microscopes
- Reading of package labels

Selection Guide

OPT-LIM6022

- The width (outside)
- The length (outside)
- Combined bar light
- OPT

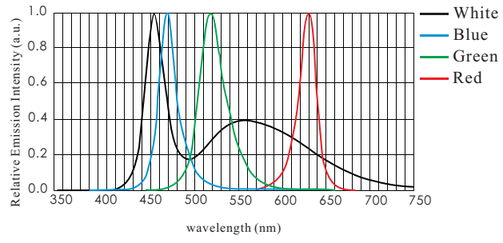
Uniformity Chart



Customization Options

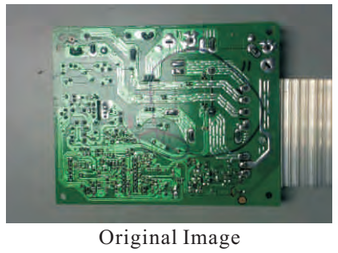
- Color customization
- Shape customization as arbitrary polygon
- Customized sub-regions
- Customized width and length
- Combined light customization
- Combined lightcustomized
- Customized connector
- Customized emitting surface

Spectrum Chart

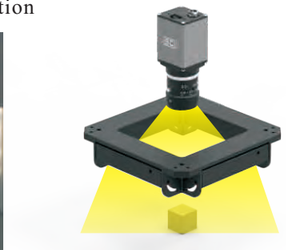


Application Example

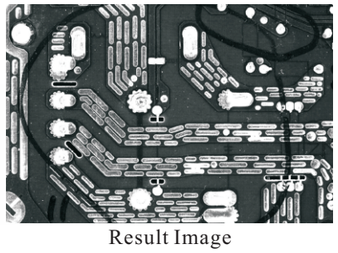
Inspected item: PCB solder inspection



Original Image



Illuminated

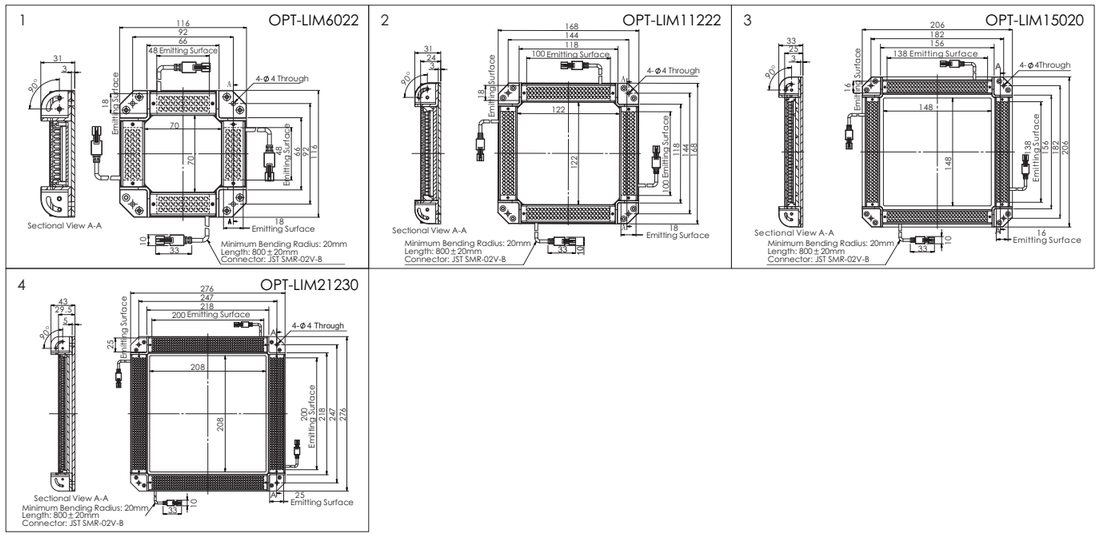


Result Image

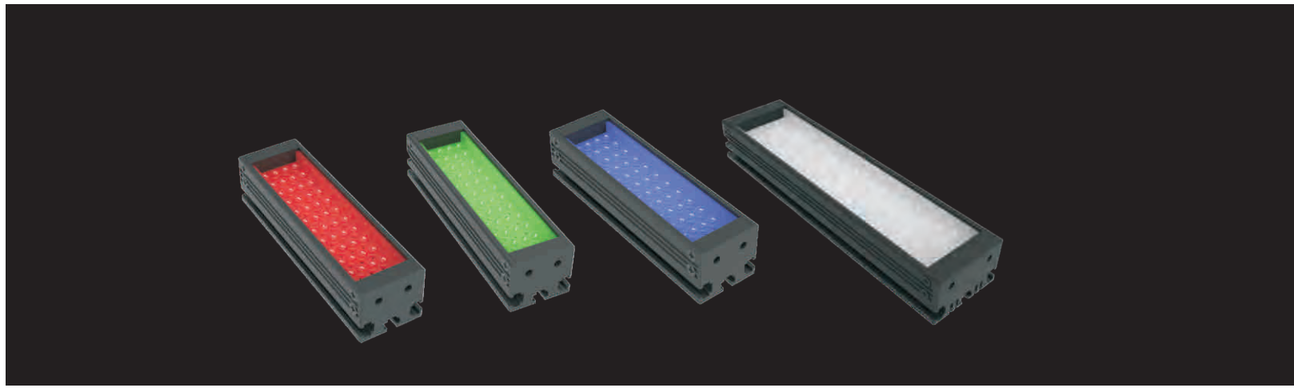
Model Table

No.	Model	Output ●	Output ○●●	Recommended controller
1	OPT-LIM6022	24V/3.6W	24V/3.6W	OPT-DPA1024E
2	OPT-LIM11222	24V/7.2W	24V/10.4W	OPT-DPA1024E
3	OPT-LIM15020	24V/9.6W	24V/14W	OPT-DPA1024E
4	OPT-LIM21230	24V/28W	24V/38.4W	OPT-DPA1024E

Dimensional Drawings [mm]

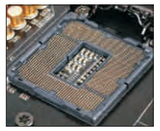


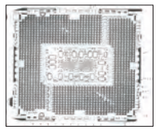
High Density Bar Lights OPT-LIJ Series New

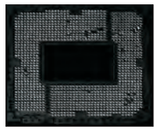


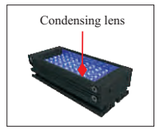
Product Features

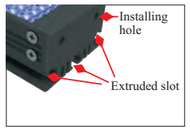
1. SMD integrated LED light
2. Special condensing lens design, improved uniformity
3. Higher LED density compared with other high-power bar lights
4. Mounting options with M3 screws, also in three extruded slots M3 nuts can be inserted


Detected Objects


Other Light


LIJ12330-W





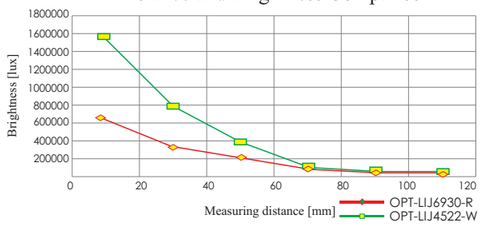
Application Areas

- OCR-Optical Character Recognition
- Bar code recognition
- Metal surface inspection
- Image scanning
- LCD board inspection

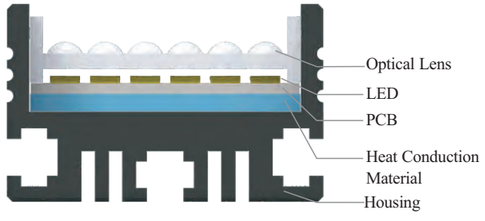
Selection Guide

OPT-LIJ4522
- Width
- Length
- High-uniformity SMD Bar Light
- OPT

Distance and Brightness Comparison



Sectional Structure Diagram



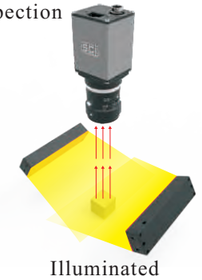
Customized Light

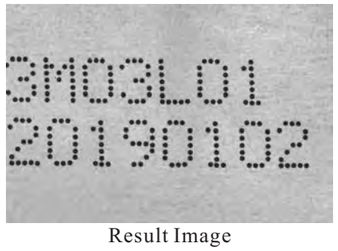
- Customized length
- Customized entry cable
- Customized installation

Application Example

Inspected item: Packing box character inspection

Original Image


Illuminated



Result Image