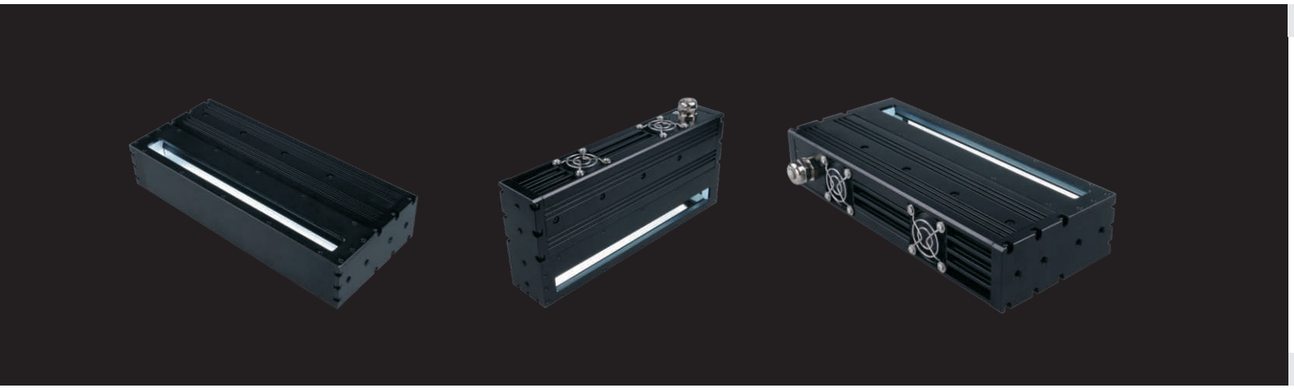
Coaxial Line Scan Lights OPT−LSC series



Product Features

1. Spectroscope design for maximum light transmission
2. High-intensity LEDs with high brightness, ideal for high-speed inspection
3. Best suited for a consistent inspection line, especially for print inspection with highly reflective surfaces

Application Cases

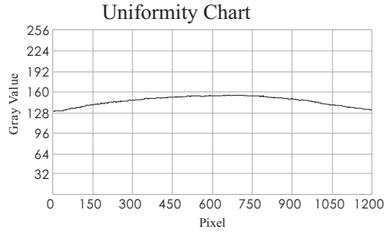
- For illumination of line scan cameras
- Inspection of glass for breakage and impurity
- High-speed printing inspection

Selection Guide

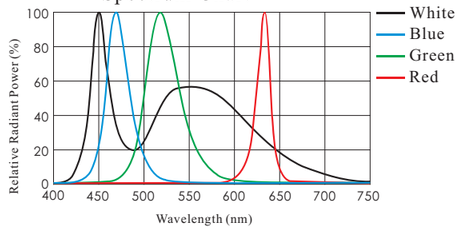
OPT-LSC82

- OPT
- Coaxial line light
- Length

Uniformity Chart



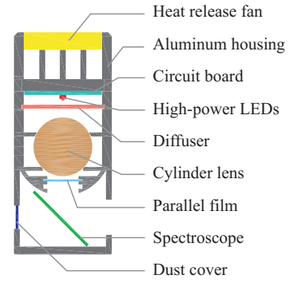
Spectrum Chart



Customization Options

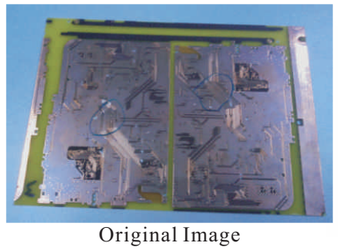
- Color
- Connector
- Size
- Mount method
- Heat release method
- Emitting surface

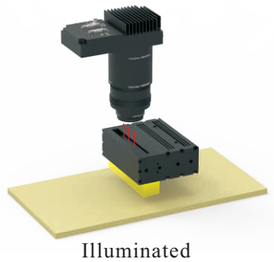
Section Structure Drawing

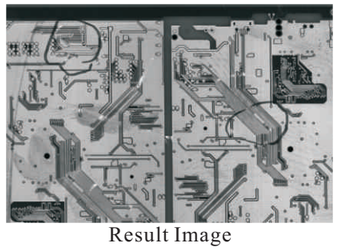


Application Example

Printed Circuit Board (PCB) inspection


Original Image

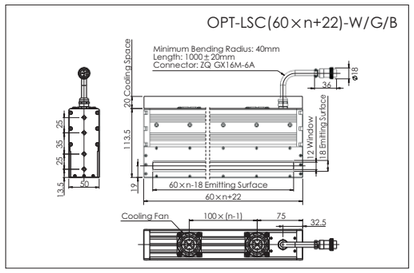

Illumination

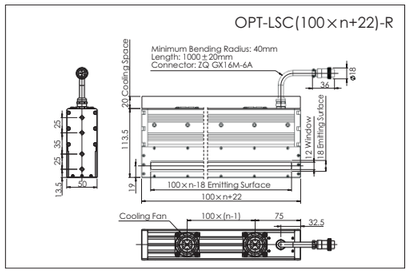

Result Image

Model Table

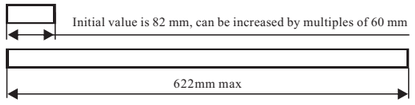
No.	Model	Color	Output	Channel	Recommended controller
1	OPT-LSC142	○●●	0.8A/19.2W	1	OPT-DPA6024
2	OPT-LSC202	○●●	2.4A/57.6W	1	OPT-DPA6024
3	OPT-LSC262	○●●	1.6A/38.4W	1	OPT-DPA6024
4	OPT-LSC322	○●●	2.0A/48W	1	OPT-DPA6024
5	OPT-LSC122	●	0.4A/9.6W	1	OPT-DPA6024
6	OPT-LSC222	●	1.2A/28.8W	1	OPT-DPA6024
7	OPT-LSC322	●	1.2A/28.8W	1	OPT-DPA6024

Dimensional Drawings [mm]

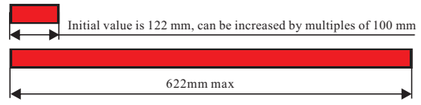




Customizable length



Length of white, green, and yellow lights can be increased by multiples of 82 mm to 622 mm, initial value is 60 mm. Other lengths are available as customized versions.
Remark: please refer to the parameter chart for the number of light channels .



Length of red lights can be increased by multiples of 100 mm to 622 mm, initial value is 122 mm. Other lengths are available as customized versions.
Remark: please refer to the parameter chart for the number of light channels.