

# Collimated Backlights **OPT-FP Series**



## Product Features

- Highly collimated illumination
- Compact design; suitable for high accuracy gauging
- Used together with the coaxial optical system to detect minor defects and damages on smooth surfaces

## Application Cases

- Gauging for mechanical parts
- Contour inspection for electronic parts
- Surface scratches detection

## Selection Guide

OPT-FP8272

- Width
- Length
- Collimated backlight
- Brand name

## Customizable Items



Color



Size

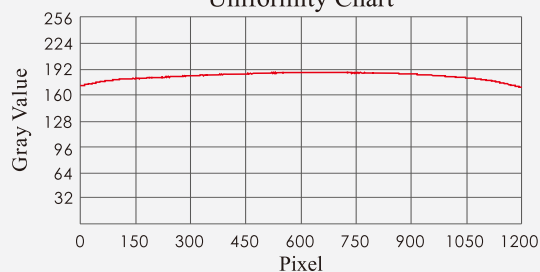


Mounting

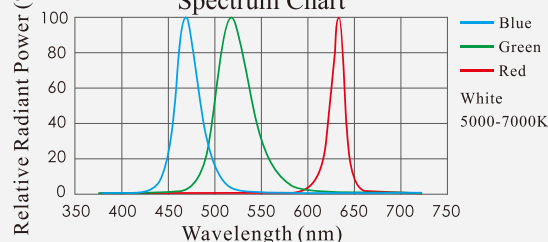


Connector

## Uniformity Chart

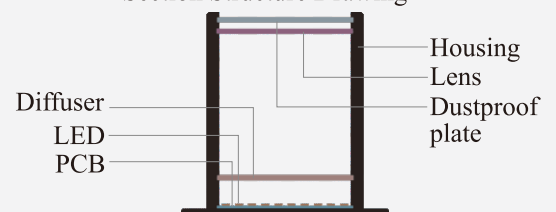


## Spectrum Chart



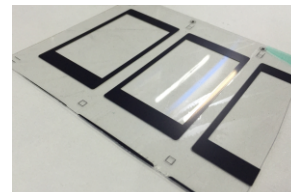
Note: The data is for reference only.

## Section Structure Drawing



## Application Example

- Inner frame positioning of mobile phone screen



Workpiece



Illumination



SciSmart Analysis Result



Image

| No. | Model      | * Output ● | * Output ●●● | Recommended controller       |
|-----|------------|------------|--------------|------------------------------|
| 1   | OPT-FP8272 | 24V/0.9W   | 24V/3.2W     | OPT-DPA1024E<br>OPT-DPA2024E |

\* Note: The data is for reference only.

