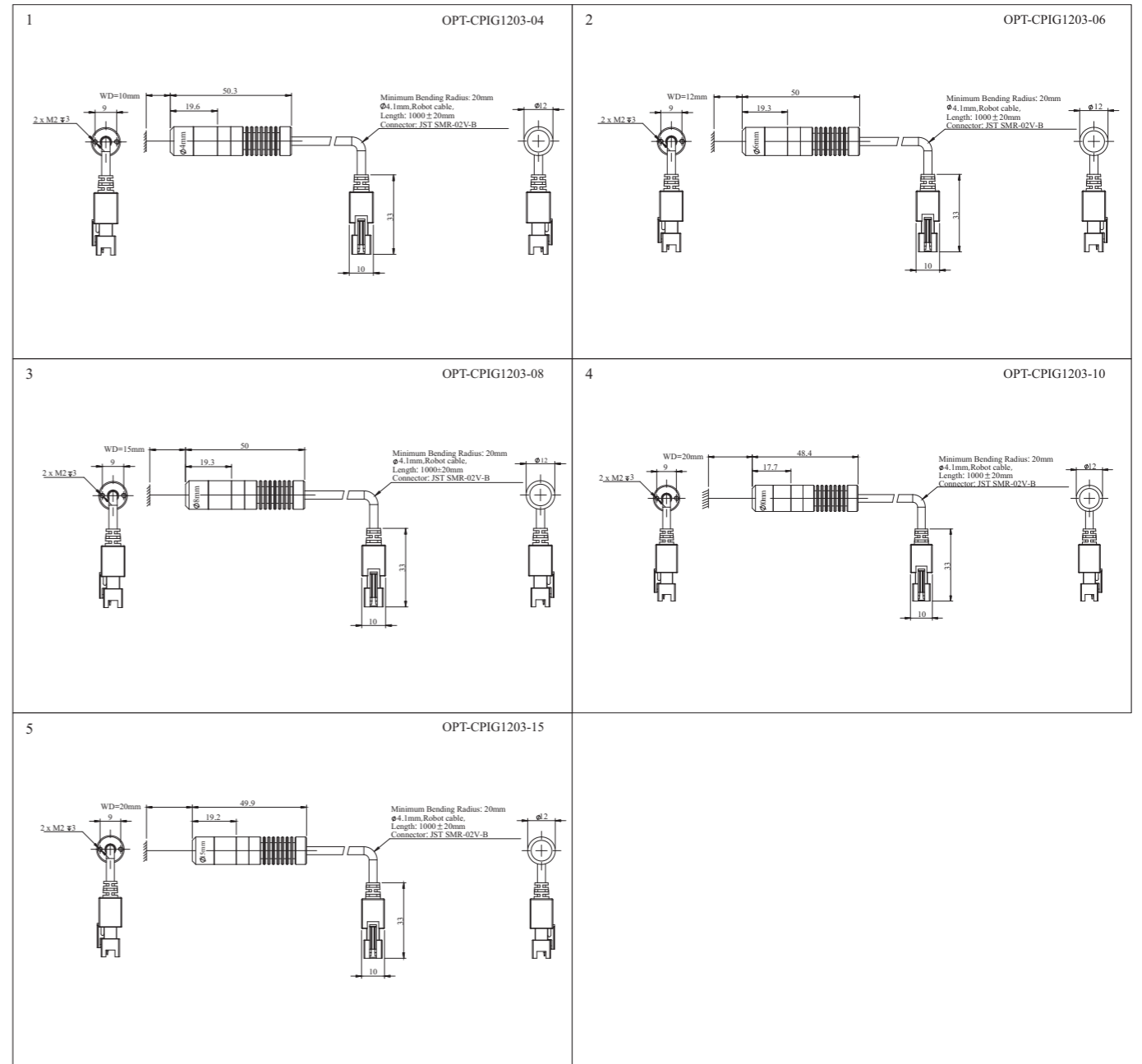


## Model Table

No.	Model	Waveband	Output	Channel	Recommended controller
1	OPT-CPIG1203-04	365nm/385nm/405nm	1.0A/3.5W	1	DPA1005
2	OPT-CPIG1203-06	365nm/385nm/405nm	1.0A/3.5W	1	DPA1005
3	OPT-CPIG1203-08	365nm/385nm/405nm	1.0A/3.5W	1	DPA1005
4	OPT-CPIG1203-10	365nm/385nm/405nm	1.0A/3.5W	1	DPA1005
5	OPT-CPIG1203-15	365nm/385nm/405nm	1.0A/3.5W	1	DPA1005

## Dimensional Drawings[mm]



## Summary

- 1 Select Imported high-power LED to realize high energy irradiation
- 2 365nm, 385nm, 405nm and other wavelengths can be selected

## OPT-CPIG Curing Spot Lights

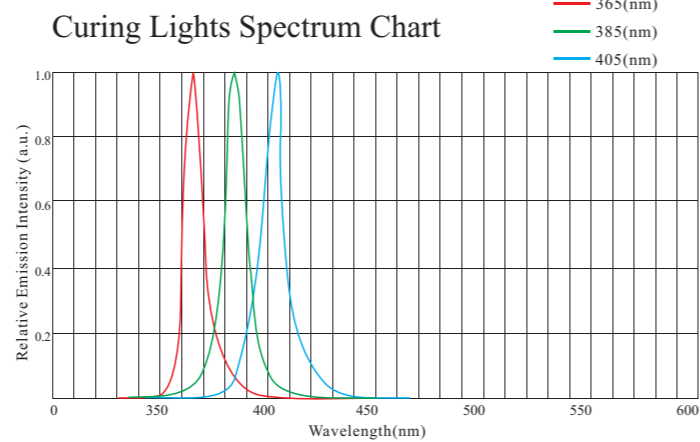
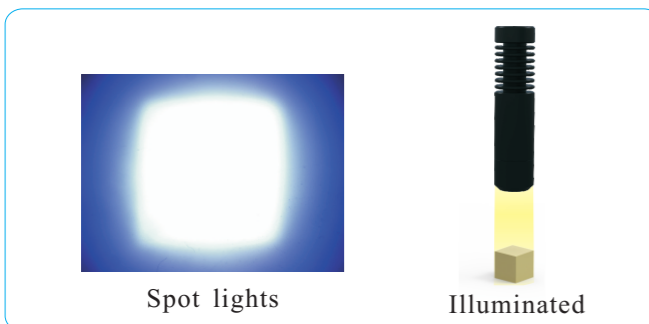
### Product Features

- 1 4mm, 6mm, 8mm, 10mm, 15mm and different sizes of spots can be selected
- 2 Select cylinder lens to make the lights focus and emit high energy
- 3 Suitable for high speed applications by the use of high flexibility and torsion resistant wire
- 4 At the working distance of 10mm, the light intensity can reach 4700mW/cm<sup>2</sup> (OPT-CPIG1203-04-UV405 measured data)

### Customized Options



### Applications Example



### Application Cases

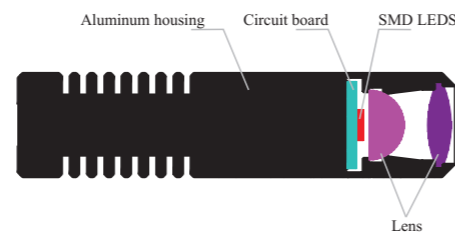
- ◆ Adhesion of digital cameras, phone, camera lens, small optical lens
- ◆ Package of semiconductor chip, sensor production, bonding of hard Disk magnetic head
- ◆ Adhesion of injection head for medical instruments
- ◆ Bonding of small devices

### Selection Guide

OPT-CPIG1203-04-UV405

- UV waveband
- Spot size
- Power
- Shape dimension
- High intensity spot lights
- Curing lights series
- OPT

### Curing Spot Lights Section Structure Drawing



## OPT-CLSG Curing Line Scan Lights

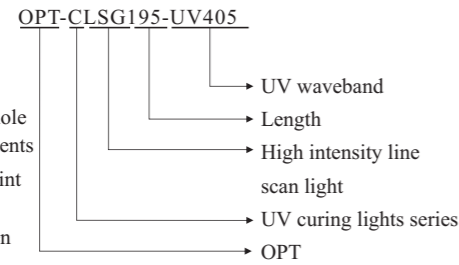
### Product Features

- 1 Spot light effectively emit high energy by using the high penetrable quartz cylinder lens
- 2 Thanks to the unique air-cooled structured design, it can dissipate the generated heat more stably in continuous mode
- 3 At the working distance of 20mm, the light intensity can reach 5500mW/cm<sup>2</sup> (OPT-CLSG195-UV405 measured data)

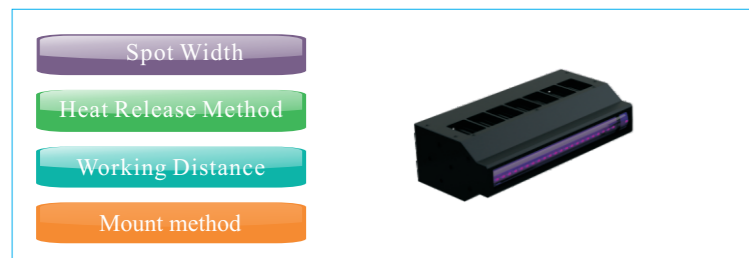
### Application Cases

- ◆ UV adhesive of PCB board chip
- ◆ Edge banding of the touch screen glue, encapsulation of LCD panel filling crystal hole
- ◆ Adhesion of medical instruments
- ◆ Curing of Ink, varnish and paint
- ◆ Curing of surface coating of building materials and wooden products

### Selection Guide



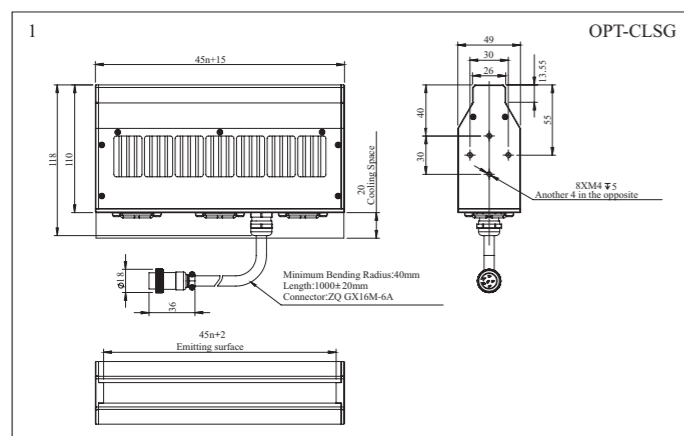
### Customized Options



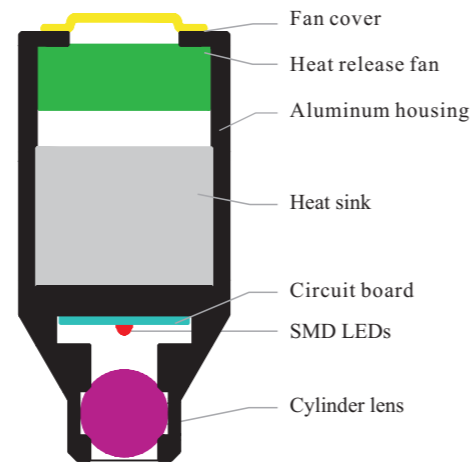
### Model Table

No.	Model	Waveband	Output	Channel	Recommended controller
1	OPT-CLSG60	365nm/385nm/405nm	24V/24W	1	DPA1024
2	OPT-CLSG105	365nm/385nm/405nm	2.0A/48W	1	DPA6024
3	OPT-CLSG150	365nm/385nm/405nm	3.0A/72W	1	DPA6024
4	OPT-CLSG195	365nm/385nm/405nm	4.0A/96W	1	DPA6024
5	OPT-CLSG240	365nm/385nm/405nm	5.0A/120W	1	DPA6024
6	OPT-CLSG285	365nm/385nm/405nm	6.0A/144W	2	DPA6024
7	OPT-CLSG330	365nm/385nm/405nm	7.0A/168W	2	DPA6024
8	OPT-CLSG375	365nm/385nm/405nm	8.0A/192W	2	DPA6024
9	OPT-CLSG420	365nm/385nm/405nm	9.0A/216W	2	DPA6024
10	OPT-CLSG465	365nm/385nm/405nm	10.0A/240W	2	DPA6024

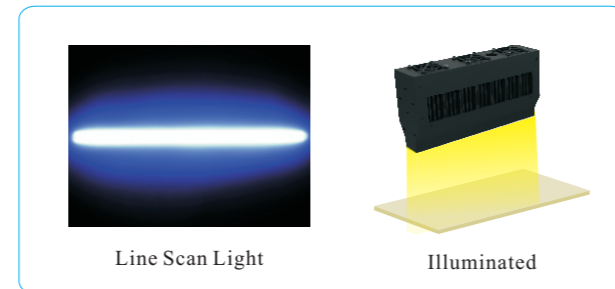
### Dimensional Drawings[mm]



### Curing Line Scan Lights Section Structure Drawing



### Application Example



## OPT-CFLG Curing Flat Lights

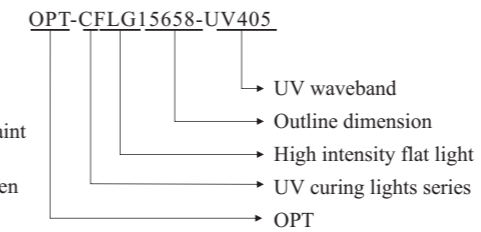
### Product Features

- 1 Uniform illumination, high power and density LED array
- 2 At the working distance of 10mm, the light intensity can reach 2200mW/cm<sup>2</sup> (OPT-CFLG15658-UV405 measured data)

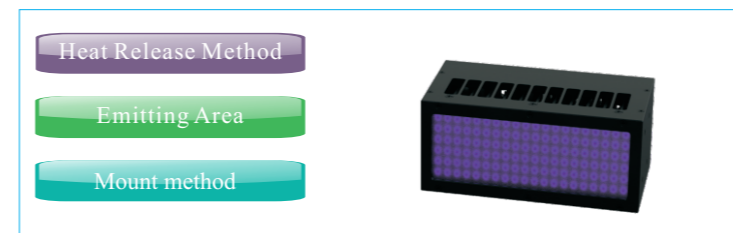
### Application Cases

- ◆ Second time curing of mobilephone and optical communication device
- ◆ Film printing
- ◆ Curing of ink, varnish and paint
- ◆ Curing of surface coating of building materials and wooden products

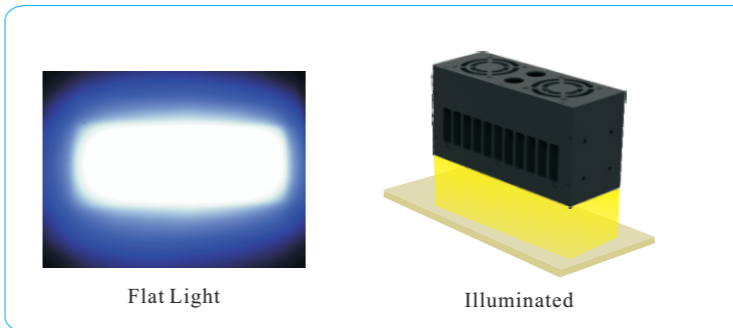
### Selection Guide



### Customized Options



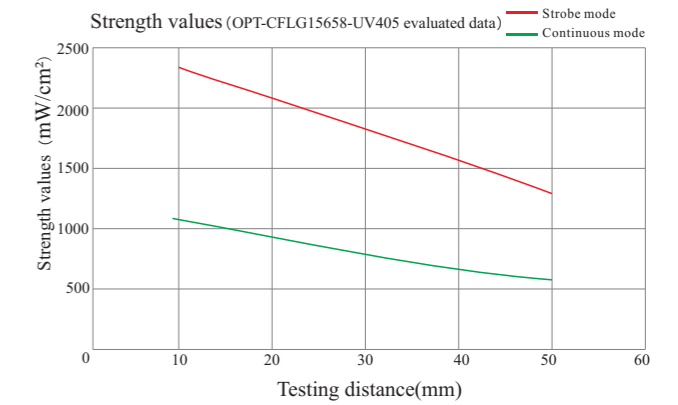
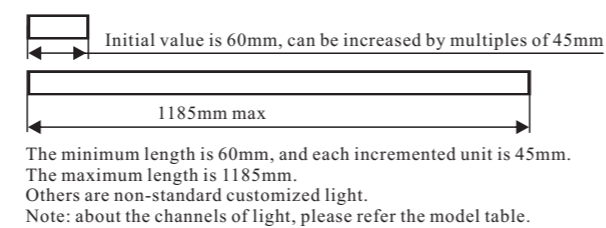
### Application Example



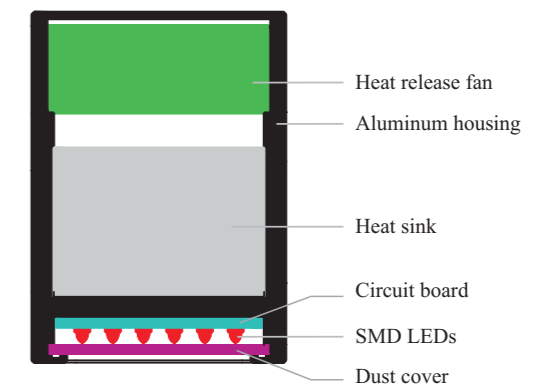
### Model Table

No.	Model	Waveband	Output	Channel	Recommended controller
1	OPT-CFLG8658	365nm/385nm/405nm	5A/120W	1	DPA6024
2	OPT-CFLG15658	365nm/385nm/405nm	10A/240W	2	DPA6024
3	OPT-CFLG22658	365nm/385nm/405nm	15A/360W	1	DPA20024
4	OPT-CFLG29658	365nm/385nm/405nm	20A/480W	1	DPA20024
5	OPT-CFLG156100	365nm/385nm/405nm	20A/480W	1	DPA20024

### Customized required description for length of light



### Curing Flat Lights Section Structure Drawing



Dimensional Drawings[mm]

