

UV Glue Curing Lights **OPT-CXXX-UV Series**



OPT-CPIG Glue Curing Spot Lights

Product Features

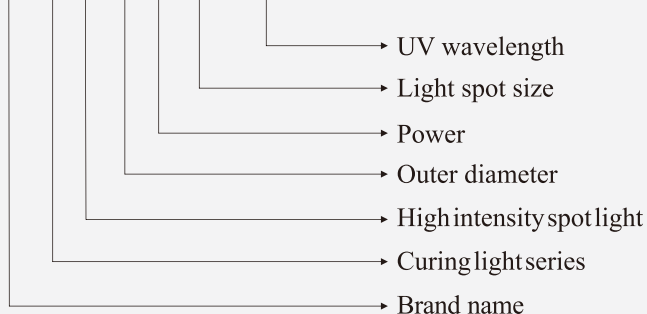
- 4mm/6mm/8mm/10mm/15mm diameter light spots available
- Special lens used to obtain focused and high power illumination
- Equipped with the flexible and durable cable for multiple motion applications
- Up to $4700\text{mW}/\text{cm}^2$ light intensity at 10mm working distance (Tested with OPT-CPIG1203-04-UV405)

Application Cases

- Bonding of camera lenses
- Chip encapsulation; sensor production; hard disk head bonding
- Medical injection head bonding
- Bonding of small parts

Selection Guide

OPT-CPIG12 03-04-UV405



Customizable Items

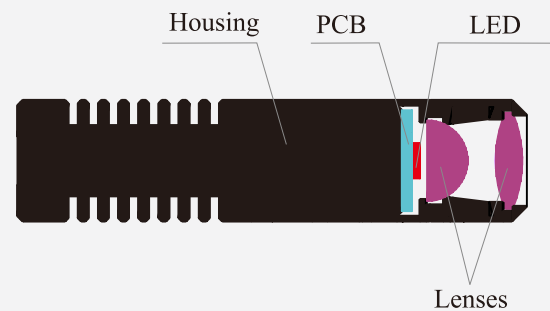


Mounting

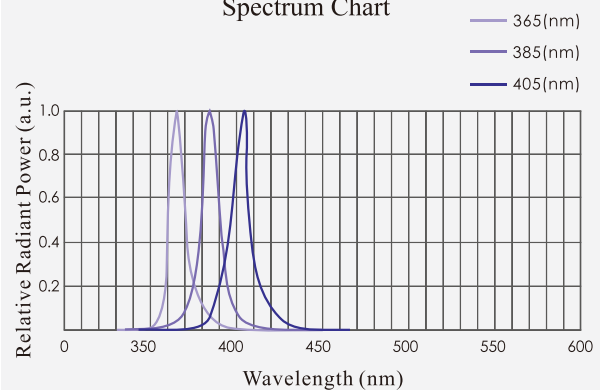


Size

Section Structure Drawing



Spectrum Chart



Application Example



Light spot



Illumination

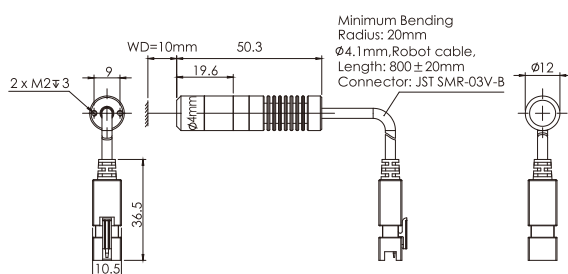
Model Table

No.	Model	Wavelength	* Output	Channels	Recommended controller
1	OPT-CPIG1203-04	365nm/385nm/405nm	1.0A/3.5W	1	OPT-DPA2005E
2	OPT-CPIG1203-06	365nm/385nm/405nm	1.0A/3.5W	1	
3	OPT-CPIG1203-08	365nm/385nm/405nm	1.0A/3.5W	1	
4	OPT-CPIG1203-10	365nm/385nm/405nm	1.0A/3.5W	1	
5	OPT-CPIG1203-15	365nm/385nm/405nm	1.0A/3.5W	1	

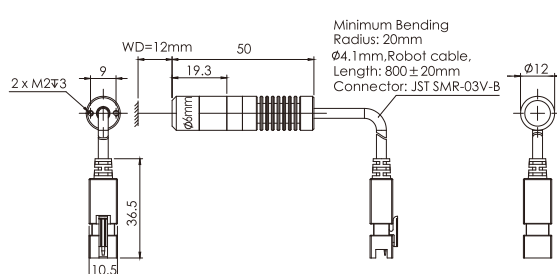
* Note: The data is for reference only.

Dimensions (mm)

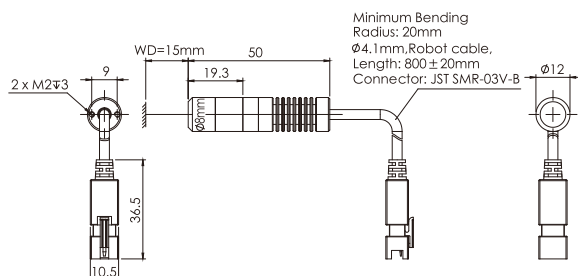
1.OPT-CPIG1203-04



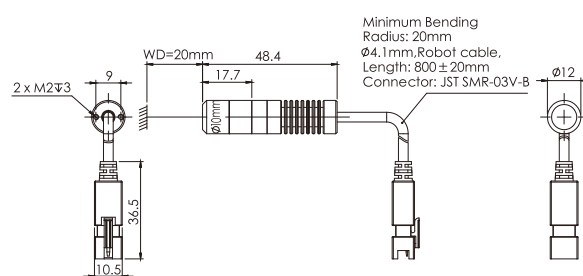
2.OPT-CPIG1203-06



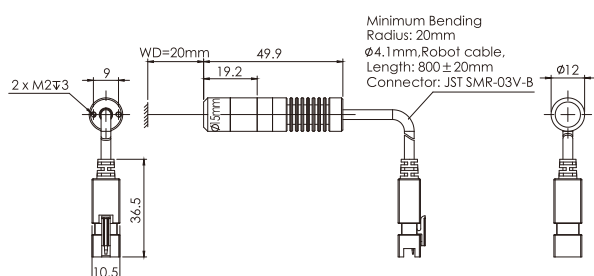
3.OPT-CPIG1203-08



4.OPT-CPIG1203-10



5.OPT-CPIG1203-15



OPT-CLSG Glue Curing Line Lights

Product Features

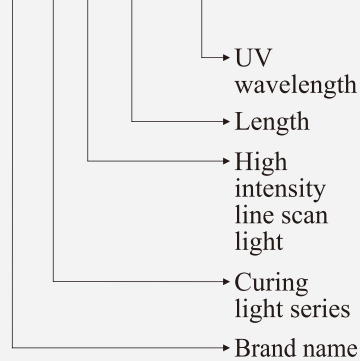
- Special cylinder lens used to obtain focused and high power illumination
- Stable heat release via cooling fan, which is available for the continuous mode
- Up to 5500mW/cm² light intensity at 20mm working distance (Tested with OPT-CLSG195-UV405)

Application Cases

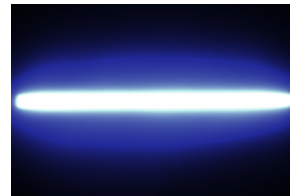
- PCB chip bonding with UV glue
- Touch screen sealing with glue; LCD panel encapsulation
- Bonding of medical instruments
- Curing of ink, varnish and paint
- Coating curing of building materials

Selection Guide

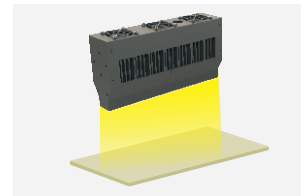
OPT-CLSG195-UV405



Application Example



Light spot



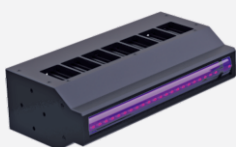
Illumination

Model Table

No.	Model	Wavelength	* Output	Channels	Recommended controller
1	OPT-CLSG60	365nm/385nm/405nm	24V/24W	1	OPT-DPA1024E OPT-DPA2024E
2	OPT-CLSG105	365nm/385nm/405nm	2.0A/48W	1	OPT-DPA6024
3	OPT-CLSG150	365nm/385nm/405nm	3.0A/72W	1	
4	OPT-CLSG195	365nm/385nm/405nm	4.0A/96W	1	
5	OPT-CLSG240	365nm/385nm/405nm	5.0A/120W	1	
6	OPT-CLSG285	365nm/385nm/405nm	6.0A/144W	2	
7	OPT-CLSG330	365nm/385nm/405nm	7.0A/168W	2	
8	OPT-CLSG375	365nm/385nm/405nm	8.0A/192W	2	
9	OPT-CLSG420	365nm/385nm/405nm	9.0A/216W	2	
10	OPT-CLSG465	365nm/385nm/405nm	10.0A/240W	2	

* Note: The data is for reference only.

Customizable Items



Heat dissipation

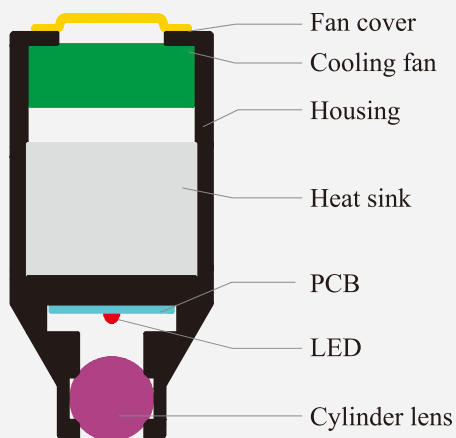


Mounting



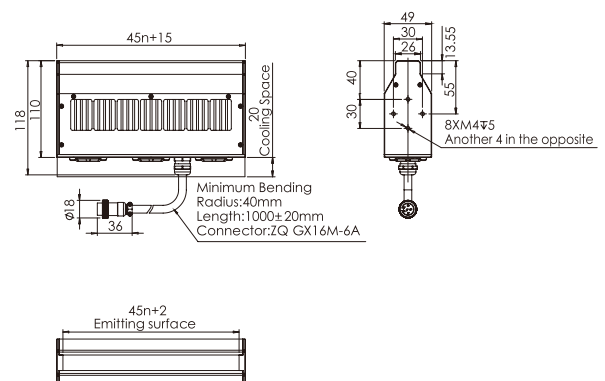
Size

Section Structure Drawing



Dimensions (mm)

OPT-CLSG



OPT-CFLG Glue Curing Flat Lights

Product Features

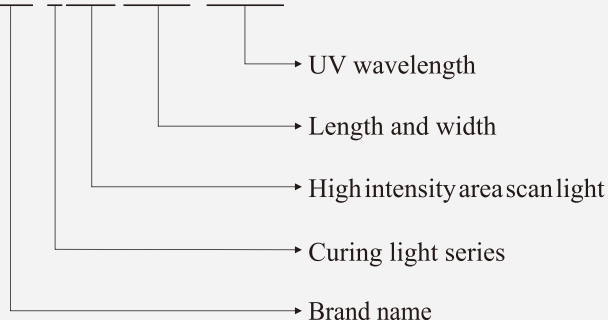
- Equipped with compact high power LED arrays for uniform illumination
- Up to 2200mW/cm² light intensity at 10mm working distance
(Tested with OPT-CFLG15658-UV405)

Application Cases

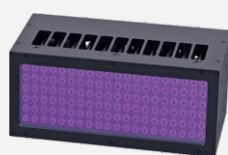
- Secondary curing of cell phones and optical communication components
- Film printing
- Curing of ink, varnish and paint
- Coating curing of building materials

Selection Guide

OPT-CFLG15658-UV405



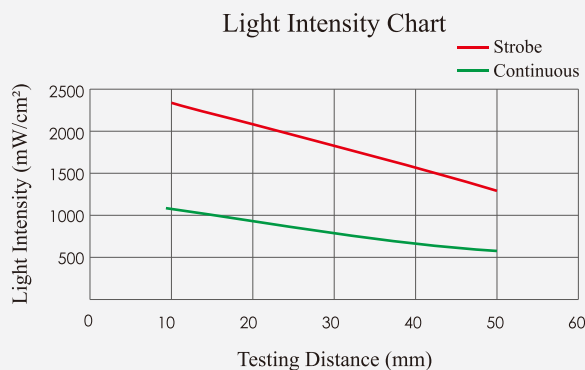
Customizable Items

Heat
dissipation

Mounting

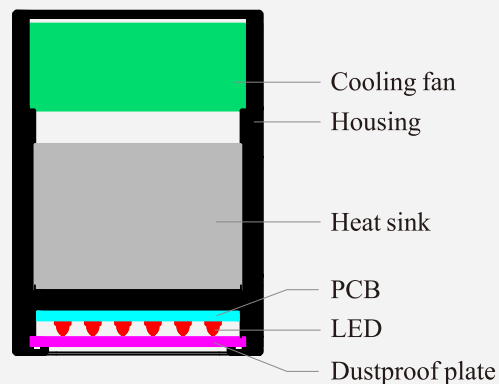


Size



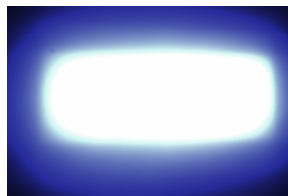
(Tested with OPT-CFLG15658-UV405)

Section Structure Drawing

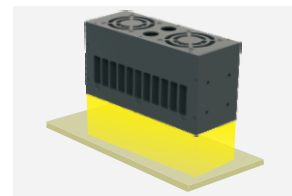


Application Example

- ### ■ Height gauging for metal parts



Light spot



Illumination

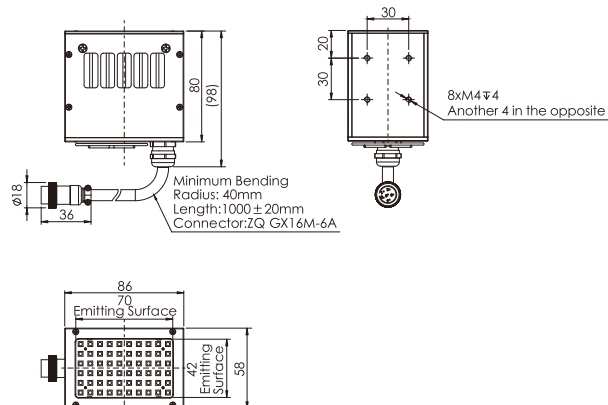
Model Table

No.	Model	Wavelength	*Output	Channels	Recommended controller
1	OPT-CFLG8658	365nm/385nm/405nm	5A/120W	1	OPT-DPA6024
2	OPT-CFLG15658	365nm/385nm/405nm	10A/240W	2	
3	OPT-CFLG22658	365nm/385nm/405nm	15A/360W	1	OPT-DPA20024E
4	OPT-CFLG29658	365nm/385nm/405nm	20A/480W	1	
5	OPT-CFLG156100	365nm/385nm/405nm	20A/480W	1	

* Note: The data is for reference only.

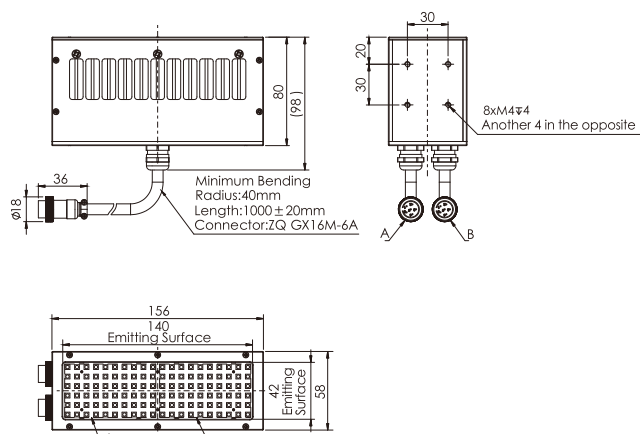
Dimensions (mm)

1.OPT-CFLG8658

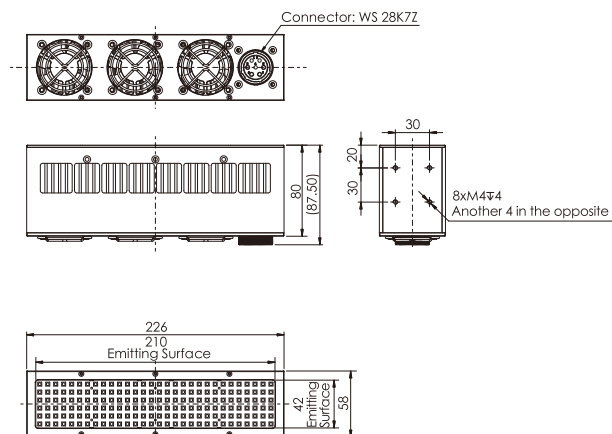


Dimensions (mm)

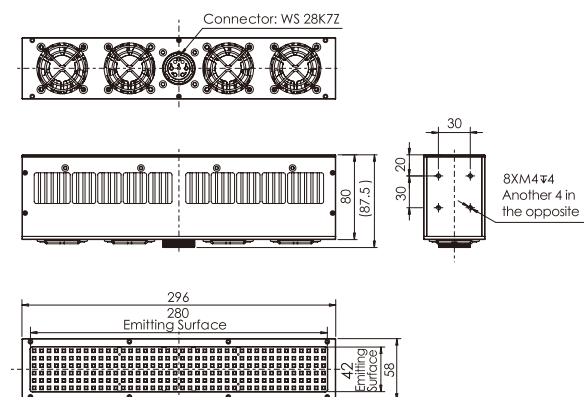
2.OPT-CFLG15658



3.OPT-CFLG22658



4.OPT-CFLG29658



5.OPT-CFLG156100

