

Direct Backlight OPT-FLA Series New



Product Features

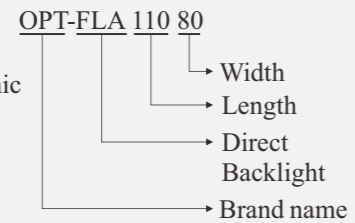
Main Features

- To be preferred in OPT large-sized backlights compared with OPT-FL Series.

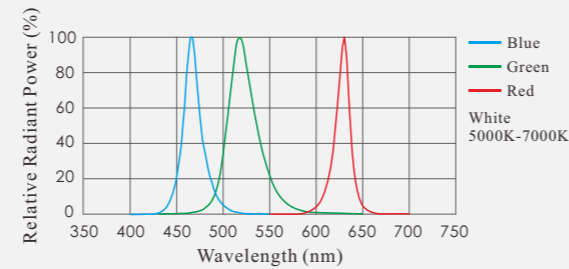
Application Cases

- 3C components optical measurement
- Large coverage for electronic components inspection and recognition
- Dirty & foreign particles detection on transparent objects
- Multiple transparent objects positioning and inspection

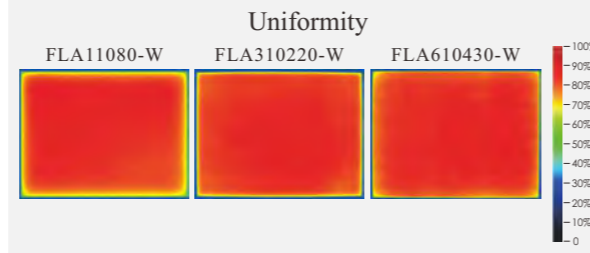
Selection Guide



Spectrum Chart

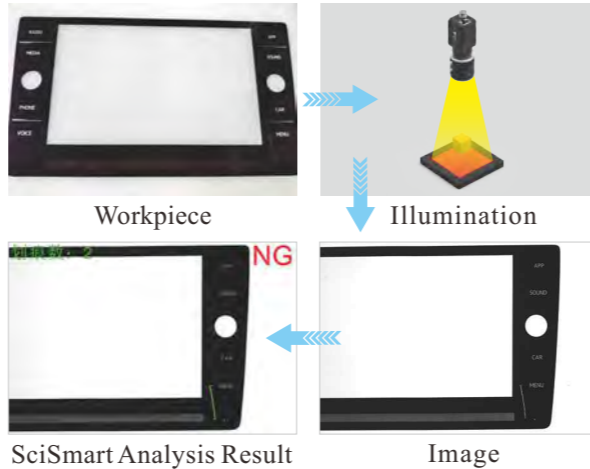


Series features

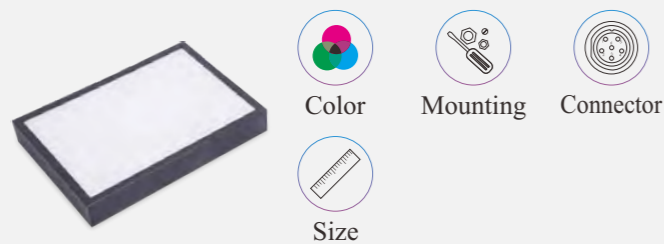


Application Cases

- Motor accessories detection



Customizable Items



Section Structure Drawing



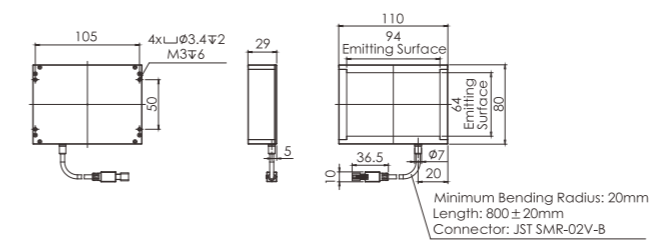
Model Table

No.	Model	* Input ○	* Input ●	* Input ●	* Input ●	Standard light source cable	Recommended controller
1	OPT-FLA11080	12.2W@24V	8.4W@24V	8.4W@24V	12W@24V	Provided within light source.	OPT-DPA2024E
2	OPT-FLA150110	19.2W@24V	16.2W@24V	15.4W@24V	19.2W@24V		
3	OPT-FLA210150	34.5W@24V	31W@24V	26.9W@24V	30.7W@24V		
4	OPT-FLA220210	47.5W@24V	42.4W@24V	30.3W@24V	46.1W@24V		
5	OPT-FLA310220	64.8W@2.7A	52.8W@2.2A	48W@2A	64.8W@2.7A	OPT-DGYX1M-6P-S-6A	OPT-DPA6024
6	OPT-FLA310290	84W@3.5A	67.2W@2.8A	57.6W@2.4A	84W@3.5A		
7	OPT-FLA410290	108W@4.5A	81.6W@3.4A	72W@3A	108W@4.5A		
8	OPT-FLA430410	144W@6A	115.2W@4.8A	96W@4A	144W@6A		
9	OPT-FLA510360	156W@6.5A	120W@5A	96W@4A	156W@6.5A		
10	OPT-FLA510500	204W@8.5A	156W@6.5A	132W@5.5A	204W@8.5A		
11	OPT-FLA610430	206.4W@8.6A	158.4W@6.6A	139.2W@5.8A	206.4W@8.6A		
12	OPT-FLA610570	259.2W@10.8A	201.6W@8.4A	172.8W@7.2A	259.2W@10.8A		

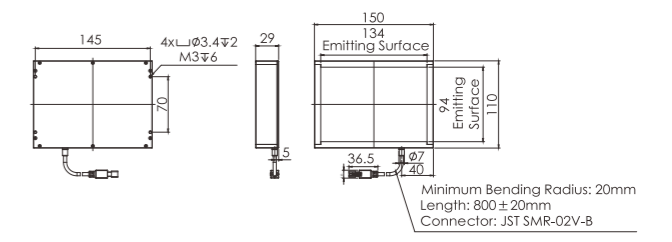
Note:1. * The data is for reference only.
2. Light source cable is required accessory, see P.256 in details.

Dimensions (mm)

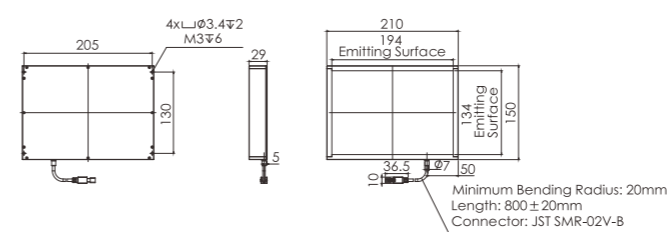
1. OPT-FLA11080



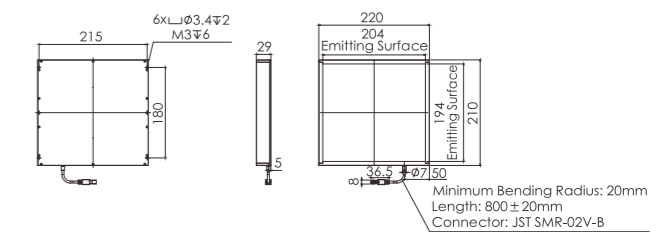
2. OPT-FLA150110



3. OPT-FLA210150

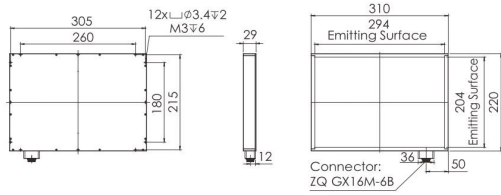


4. OPT-FLA220210

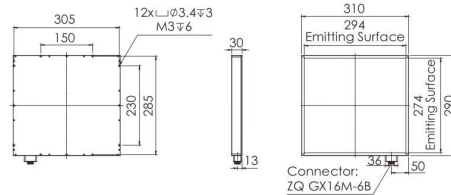


Dimensions (mm)

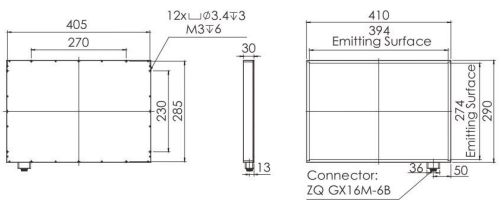
5. OPT-FLA310220



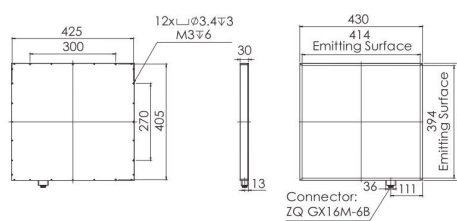
6. OPT-FLA310290



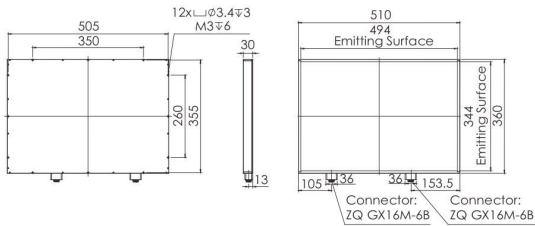
7. OPT-FLA410290



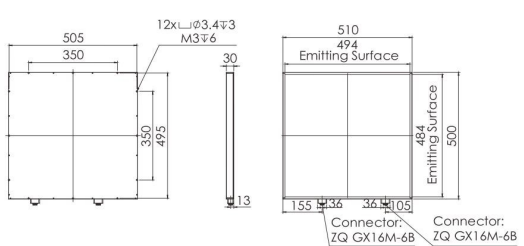
8. OPT-FLA430410



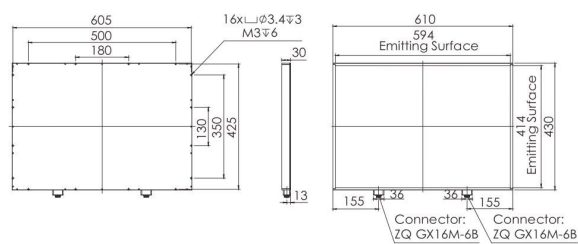
9. OPT-FLA510360



10. OPT-FLA510500



11. OPT-FLA610430



12. OPT-FLA610570

