

Back light, updated version (2FL)

LS-2FL-Z series · Backlights · 18 models

Back light is distributed LED uniformly at the bottom of the light, and forms a uniform irradiated light on the surface through diffuser. Mainly used for detection of contour size and so on.



Features

- High array LED arrangement
- High brightness plane lighting
- Customizable: size, length and width, colour and colour temperature, cable length, installation method

Applications

- Contour measurement
- Machining dimension measurement
- Glass bottle damage, foreign body inspection
- Hose position inspection (imaging case)

Colours

W	white
G	green
B	blue
R	red

Common specifications

Voltage	24V
Cable length (mm)	500

Mounting	M3 threaded holes, depth 4 on the bottom; M3 nut slot in the side frame for side mounting
Connector	anti-pull cable connector

Ordering code: LS-2FL<emitting length mm><emitting width mm>-<colour> (example LS-2FL7070-Z-W; FL = back light, 2 = updated version)

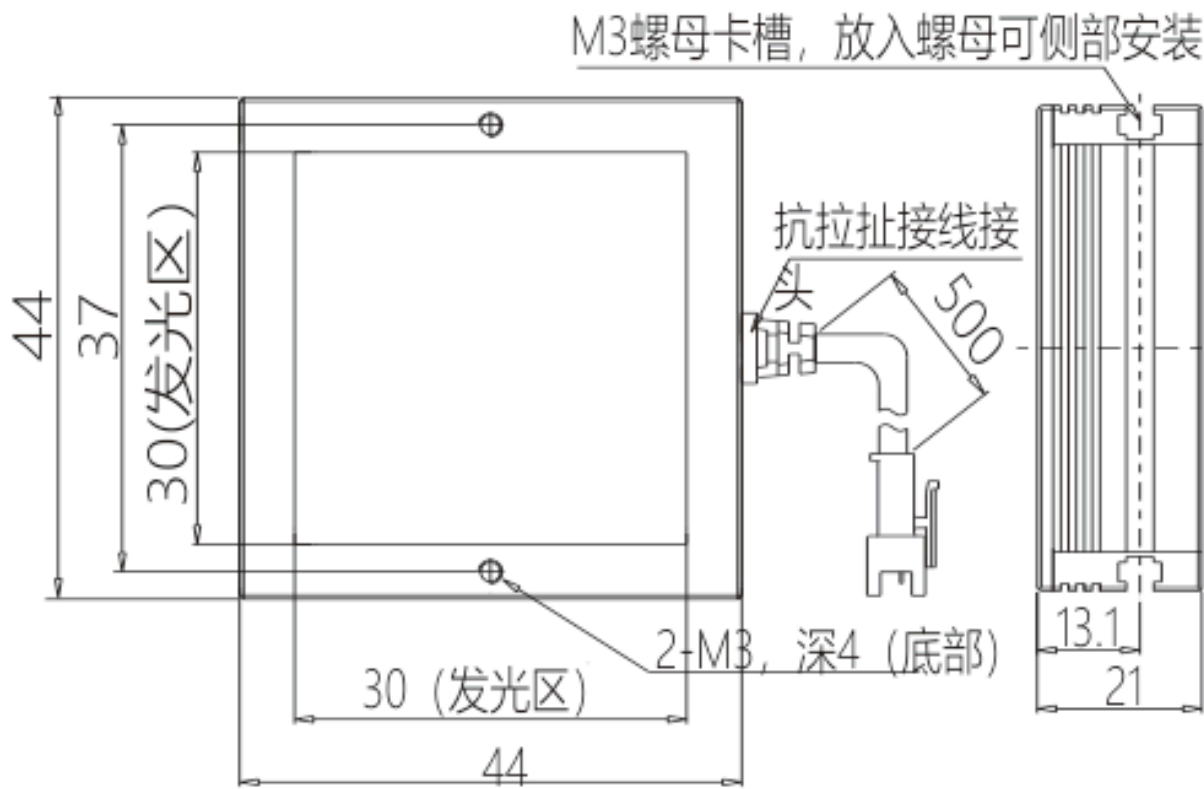
Models

Model	Emitting area (mm)	Power W/G/B (W)	Power R (W)	Outline L x W x H (mm)	Matched controller model
LS-2FL3030 colours: W, G, B, R	30 x 30	1.44	0.86	44 x 44 x 21	-
LS-2FL5050-Z colours: W, G, B, R	50 x 50	3.5	2.3	64 x 64 x 21	-
LS-2FL7070-Z colours: W, G, B, R	70 x 70	6.3	4.0	84 x 84 x 21	-
LS-2FL8080-Z colours: W, G, B, R	80 x 80	8.6	5.2	94 x 94 x 21	-
LS-2FL100100-Z colours: W, G, B, R	100 x 100	11.5	6.9	114 x 114 x 21	-
LS-2FL11060 colours: W, G, B, R	110 x 60	8.6	5.2	124 x 74 x 21	-
LS-2FL120120-Z colours: W, G, B, R	120 x 120	17.3	10.4	134 x 134 x 21	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL150150-Z colours: W, G, B, R	150 x 150	28.8	17.3	164 x 164 x 21	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL200120 colours: W, G, B, R	200 x 120	28.8	17.3	214 x 134 x 21	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL200150-Z colours: W, G, B, R	200 x 150	36.0	21.6	214 x 164 x 21	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL200200-Z colours: W, G, B, R	200 x 200	43.2	25.9	214 x 214 x 21	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL220220 colours: W, G, B, R	220 x 220	50.7	27.6	234 x 234 x 21	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL250150 colours: W, G, B, R	250 x 150	41.5	27.6	264 x 164 x 22	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL280280 colours: W, G, B, R	280 x 280	69.1	48.4	294 x 294 x 22	LS-APC2460C, LS-DPC2465D, LS-MDPC2480
LS-2FL300150-Z colours: W, G, B, R	300 x 150	51.8	31.1	314 x 164 x 22	LS-APC24120C, LS-DPC24125D

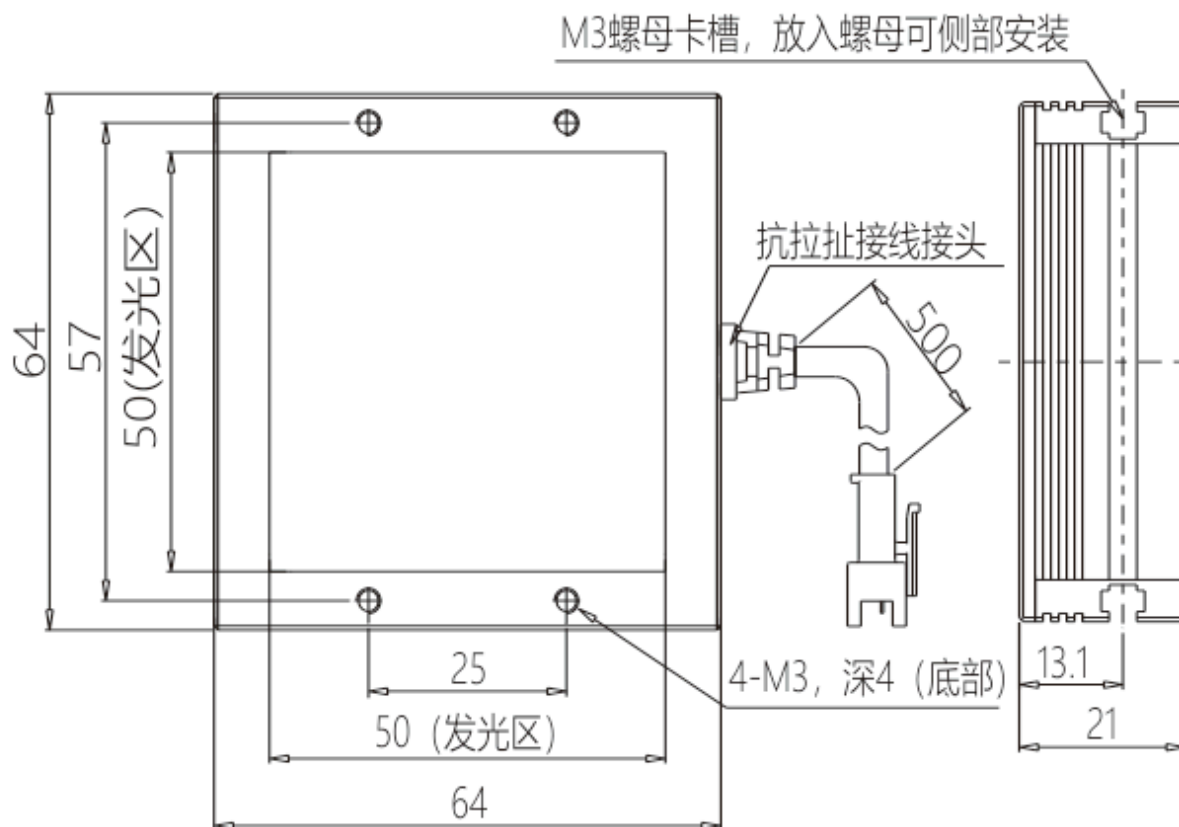
LS-2FL300300-Z colours: W, G, B, R	300 x 300	72.0	56.4	314 x 314 x 22	LS-APC24120C, LS-DPC24125D
LS-2FL400300-Z colours: W, G, B, R	400 x 300	103.7	72.6	414 x 314 x 24	LS-APC24120C, LS-DPC24125D
LS-2FL400400-Z colours: W, G, B, R	400 x 400	126.7	88.7	414 x 414 x 24	LS-APC24120C, LS-DPC24125D

Dimensions

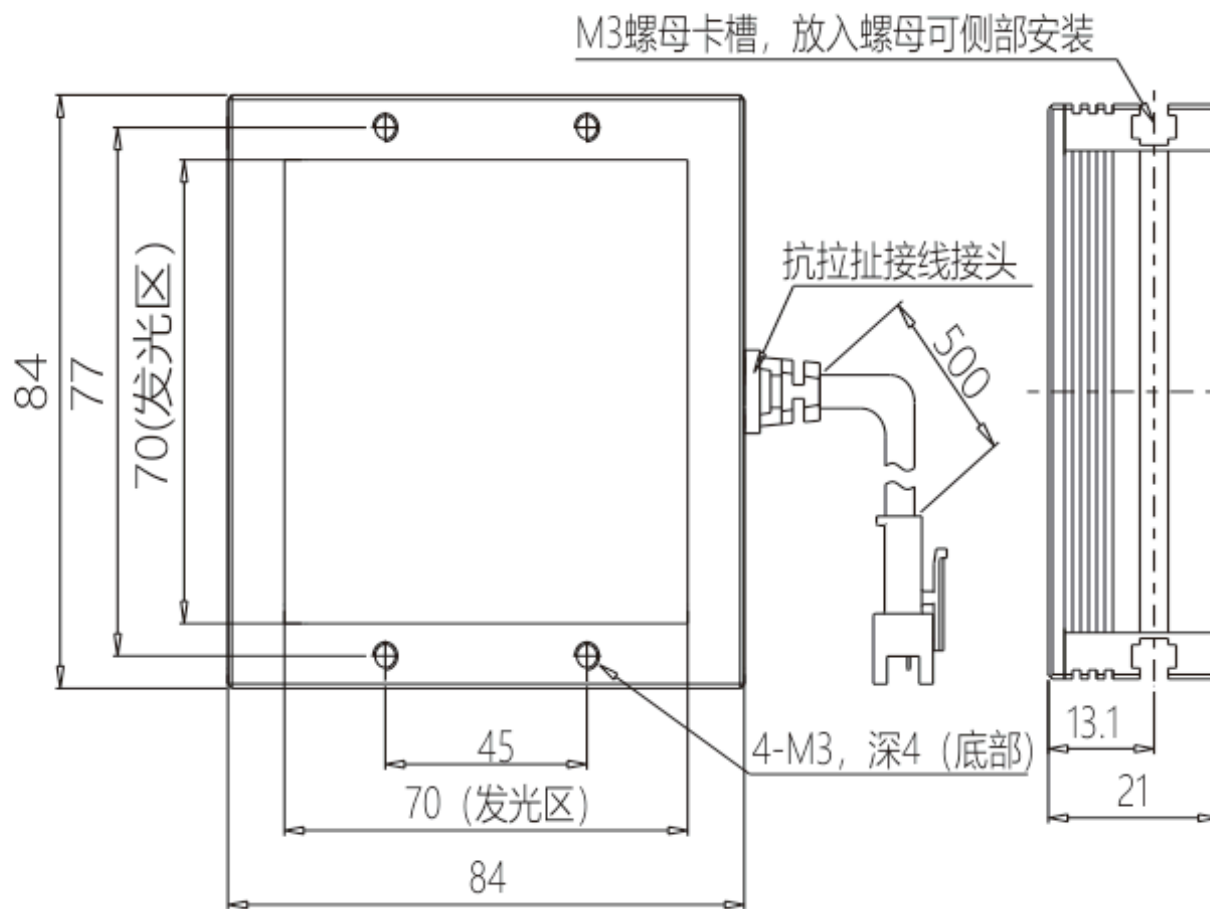
10.LS-2FL3030



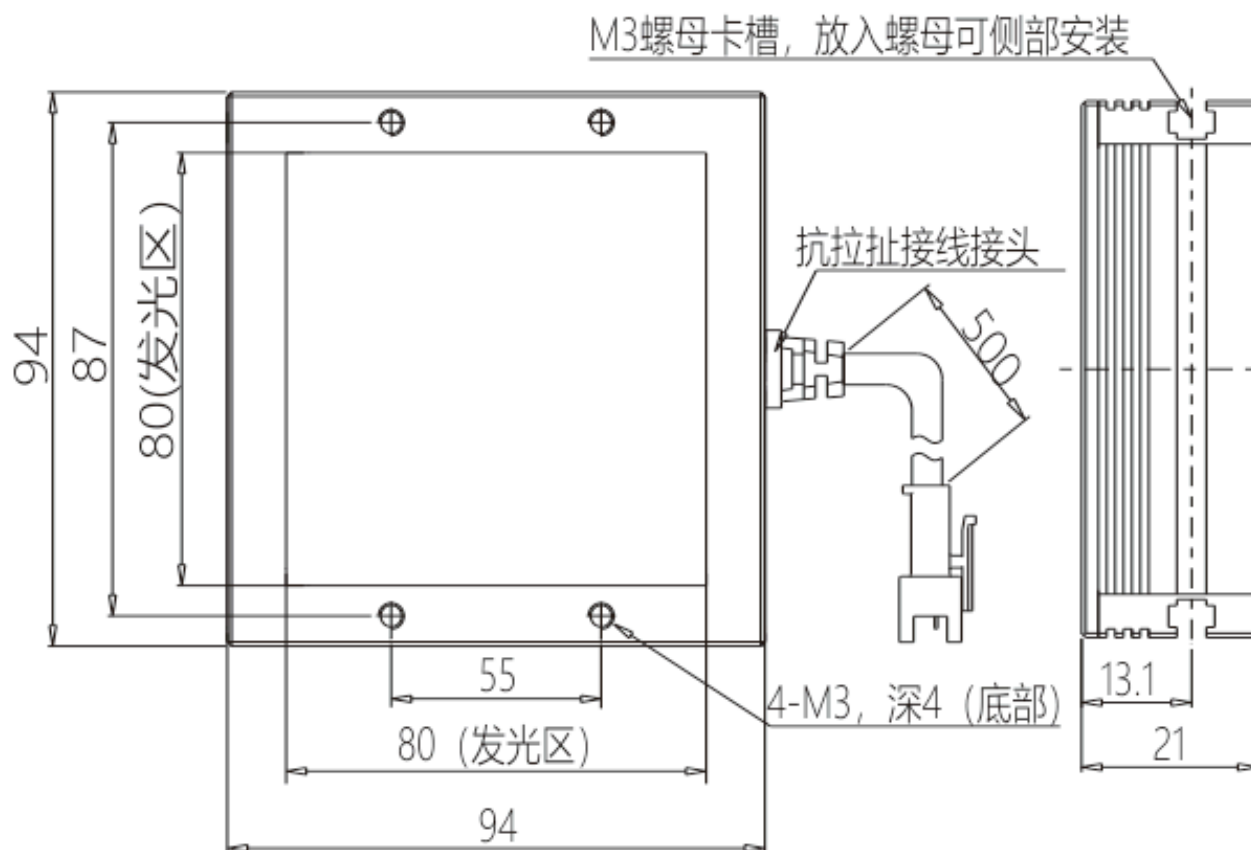
11.LS-2FL5050-Z



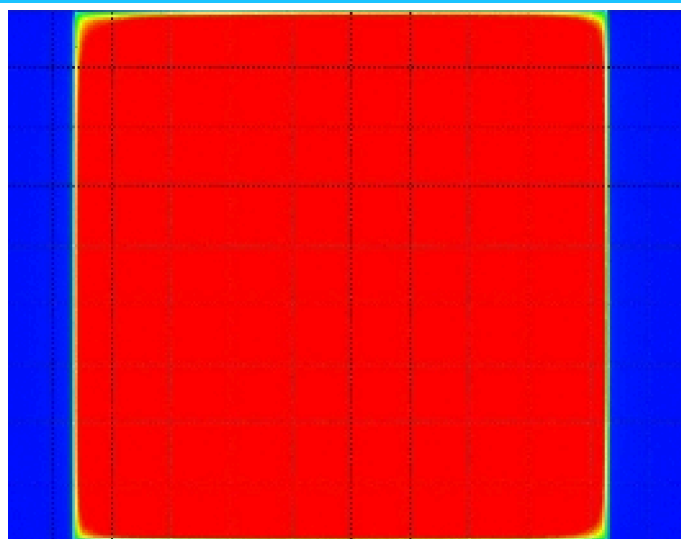
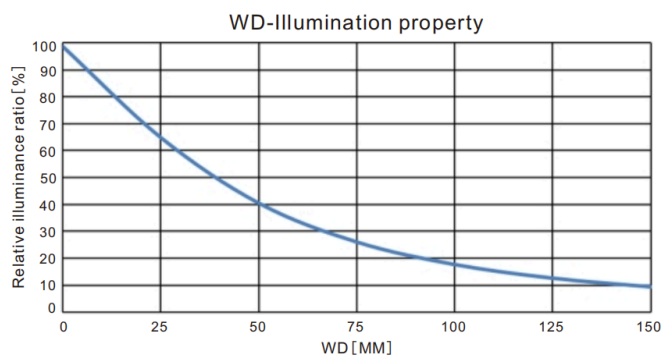
12.LS-2FL7070-Z



13.LS-2FL8080-Z



Performance



Product views

