

Back light (FL series)

LS-FL series · Backlights · 9 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

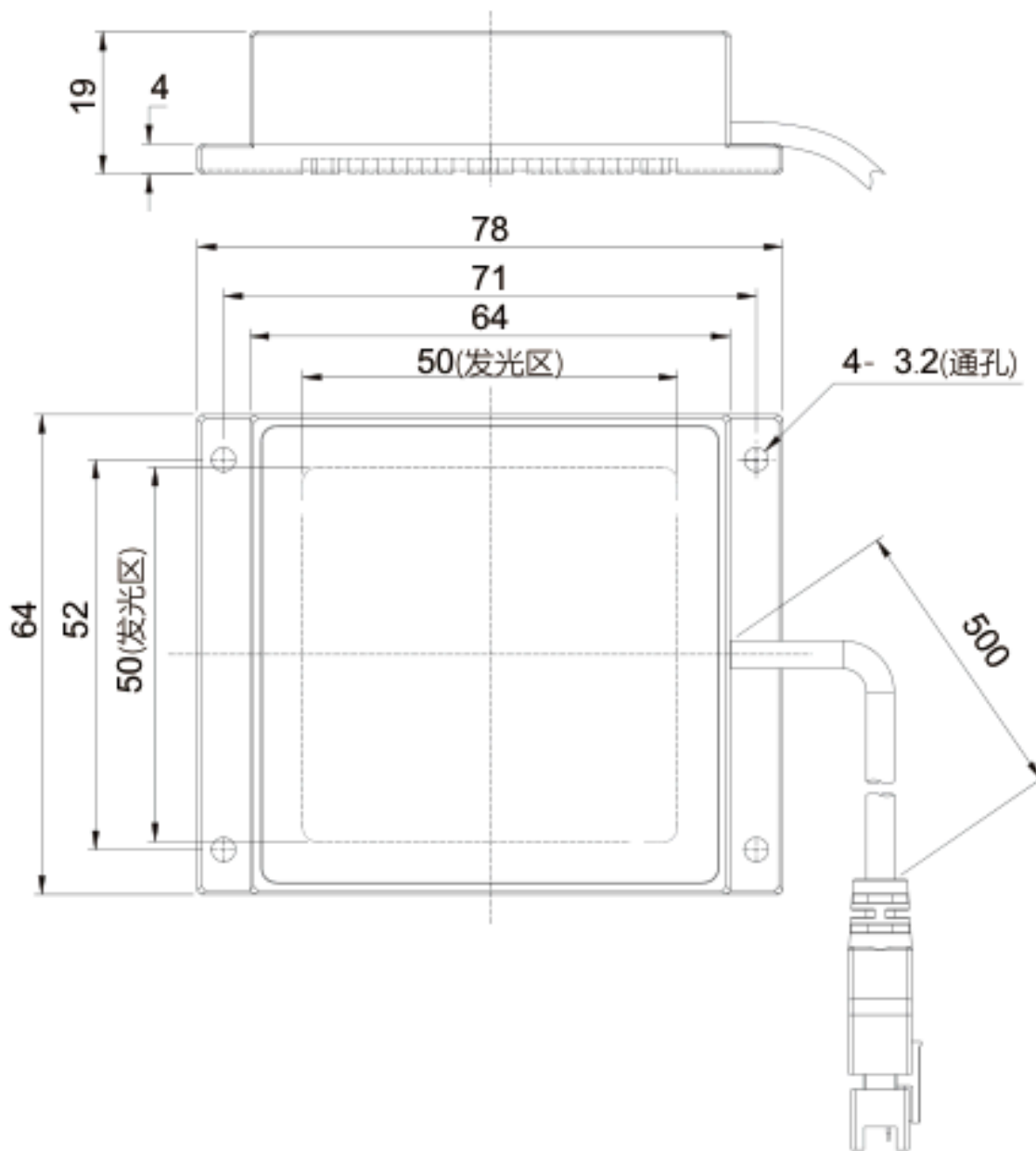
Mounting	through holes in the flange
Matched controller model	LS-APC2424K, LS-CPL2430D

Models

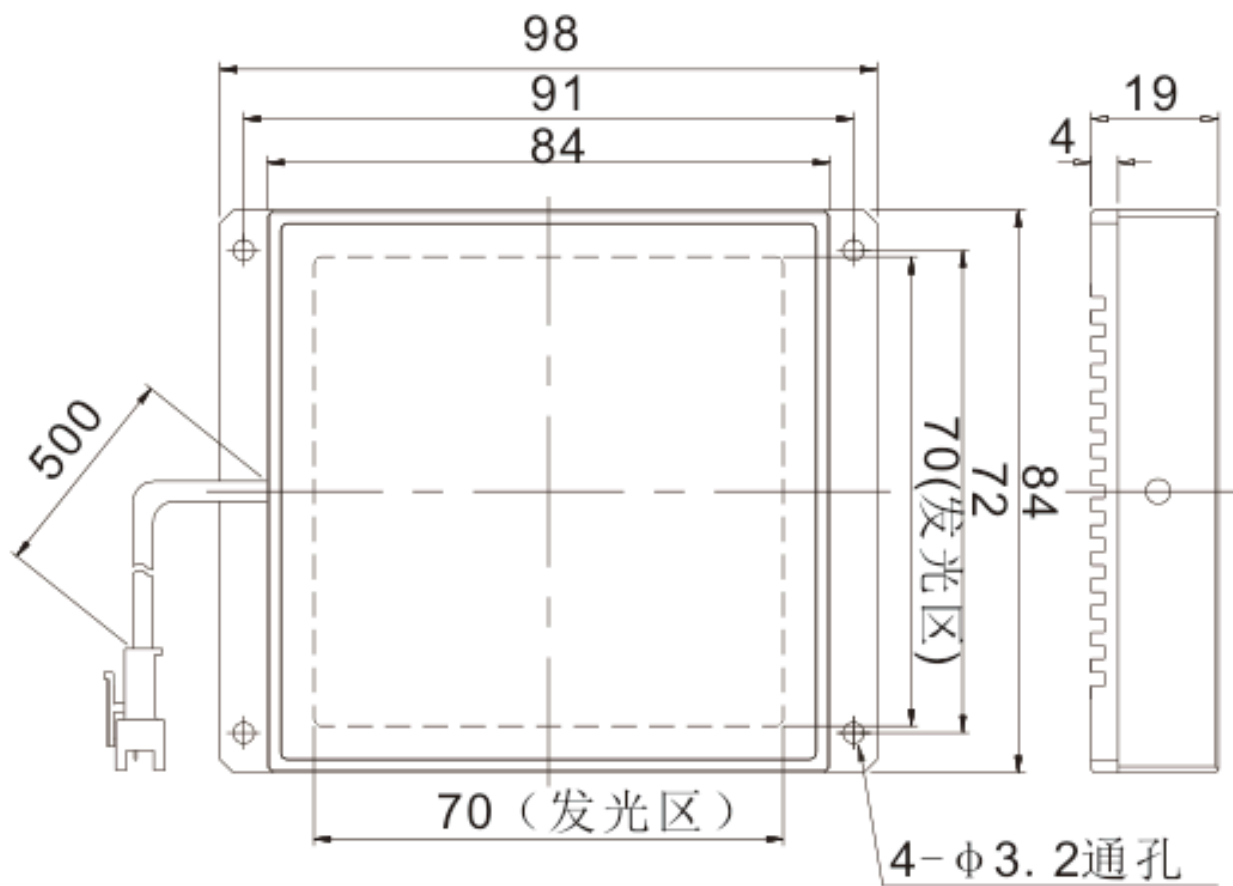
Model	Emitting area (mm)	Power W/G/B (W)	Power R (W)	Outline L x W x H (mm)
LS-FL5050K colours: W, G, B, R	50 x 50	3.5	3.0	78 x 64 x 19
LS-FL7070K colours: W, G, B, R	70 x 70	8.0	4.0	98 x 84 x 19
LS-FL100100K colours: W, G, B, R	100 x 100	11.0	8.0	135 x 115 x 19
LS-FL120120K colours: W, G, B, R	120 x 120	10.0	10.0	155 x 135 x 19.5
LS-FL150100K colours: W, G, B, R	150 x 100	13.5	13.5	180 x 114 x 19
LS-FL180150K colours: W, G, B, R	180 x 150	17.5	17.5	215 x 165 x 20
LS-FL200150K colours: W, G, B, R	200 x 150	27.0	27.0	214 x 184 x 19
LS-FL200200K colours: W, G, B, R	200 x 200	24.0	24.0	214 x 234 x 19
LS-FL250250K colours: W, G, B, R	250 x 250	38.0	38.0	265 x 285 x 20

Dimensions

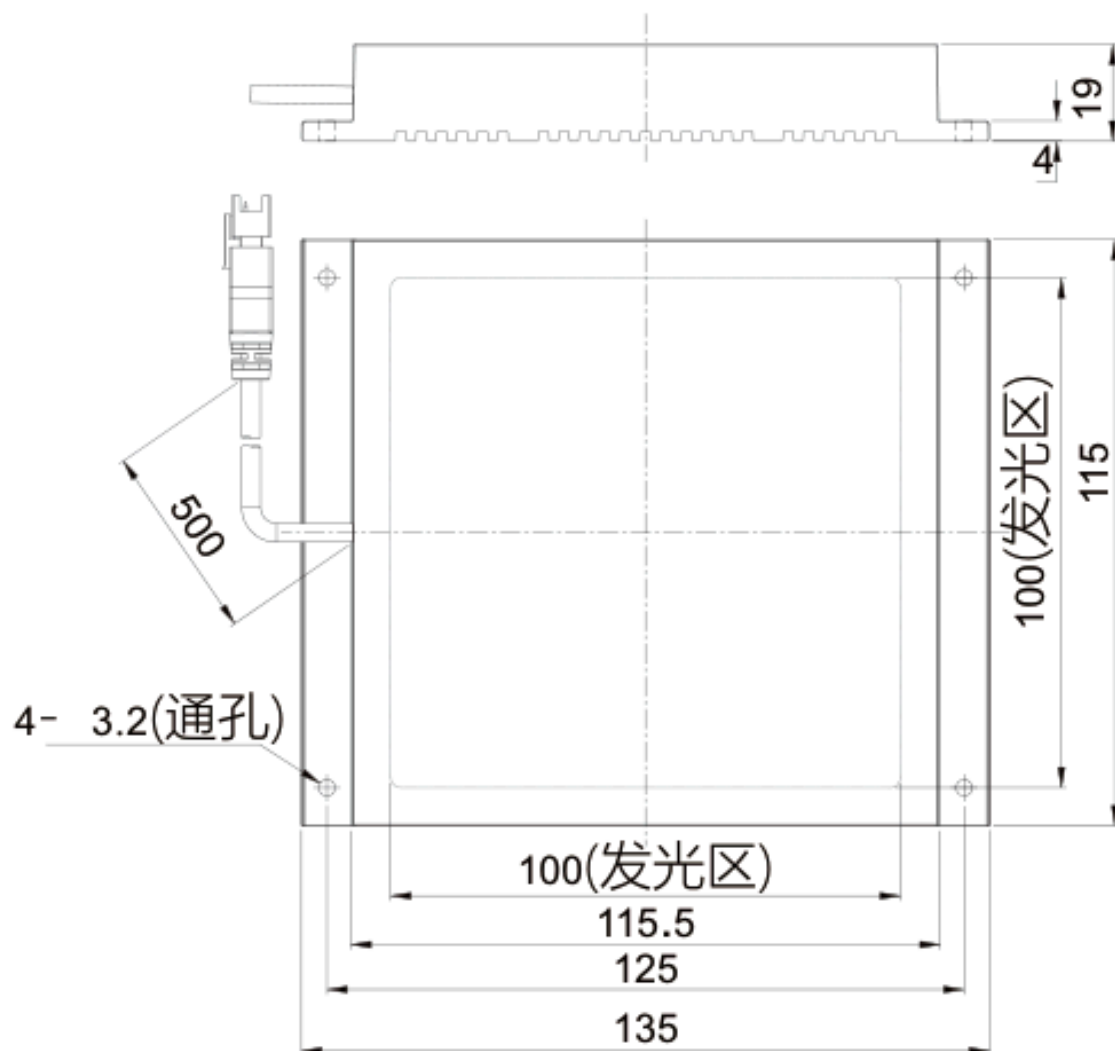
1.LS-FL5050K



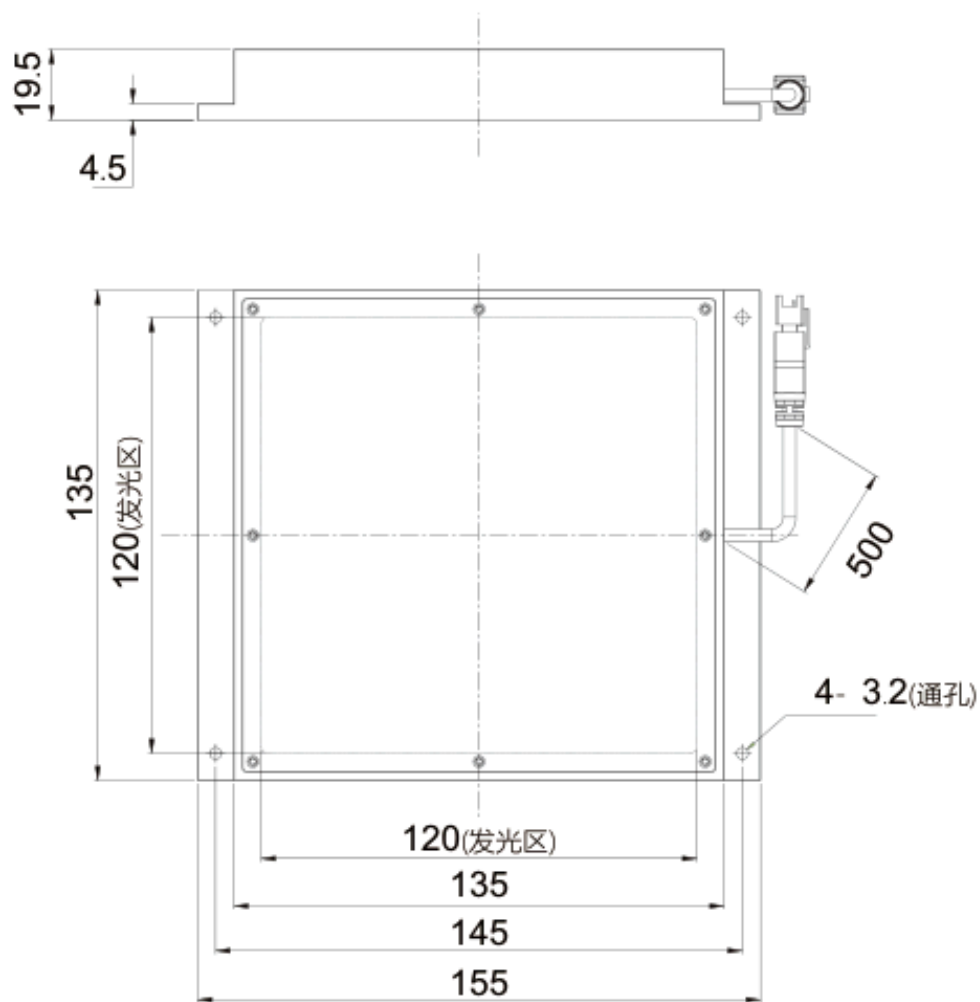
2.LS-FL7070K



3.LS-FL100100K



4.LS-FL120120K



Performance

