

Flat coaxial light (FCS series)

LS-FCS series · Coaxial lights · 4 models

Flat coaxial light with a special light-guide material for uniform, vertical irradiation. In some cases it can replace a coaxial light or dome light, saving installation space.

Features

- Special light-guide material ensures uniform and vertical irradiation
- In some occasions it can be used instead of a coaxial light and dome light, saving installation space
- Comprehensive orientation irradiation of the product



Applications

- Drug packaging surface inspection
- Inspection of chromatic aberration of bottle caps
- Film surface defect inspection
- Various dimension measurement
- Liquid level inspection
- Inspection of burrs on metal parts
- Inspection of breakage of package material
- Uniform irradiation of uneven surfaces

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm
UV	365-405 nm

Common specifications

Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K
Wavelength IR	850-940 nm
Wavelength UV	365-405 nm
Storage temperature	20 to 60 °C
Operating temperature	0 to 40 °C
Humidity	20-85 %RH (non-condensing)
Optional accessories	Extension cable
Controller	LS-DPS series, LS-APS series, LS-SPS series (the selected controller should match the power of the light source)
Service life	Red: 60000 h continuous at 25 °C and 50% illumination until 50% decrement; white: 30000 h under the same conditions
Warranty	1 year free maintenance or replacement for faults not caused by the user
Mounting	4-M4 through thread, dia. 6 depth 3 (back side) (drawings)
Cable length	500 mm (drawings)

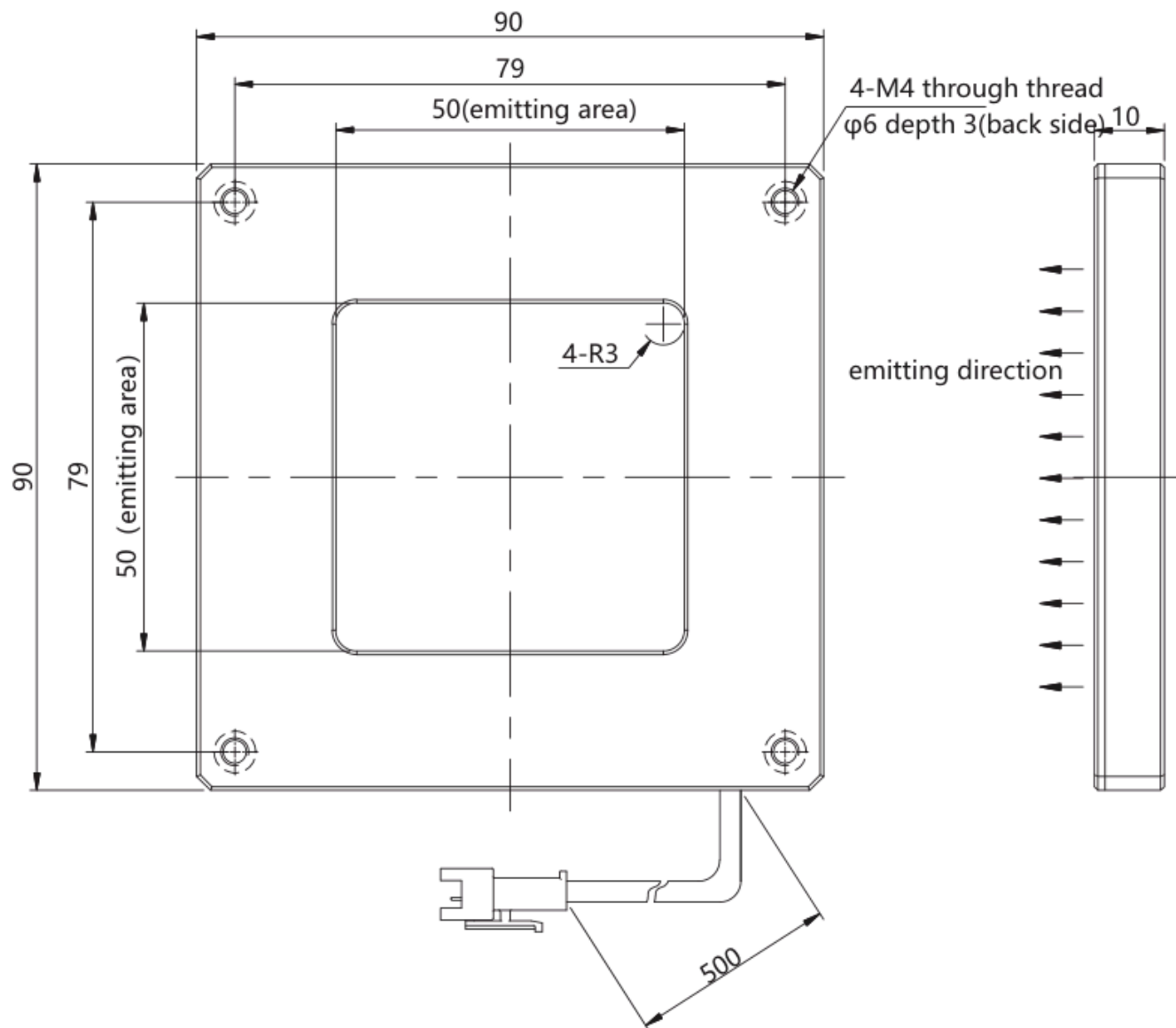
Ordering code: LS-FCS<length & width of luminous area mm>-<R/G/B/W> (e.g. LS-FCS200-R); 'G' in G means overseas version

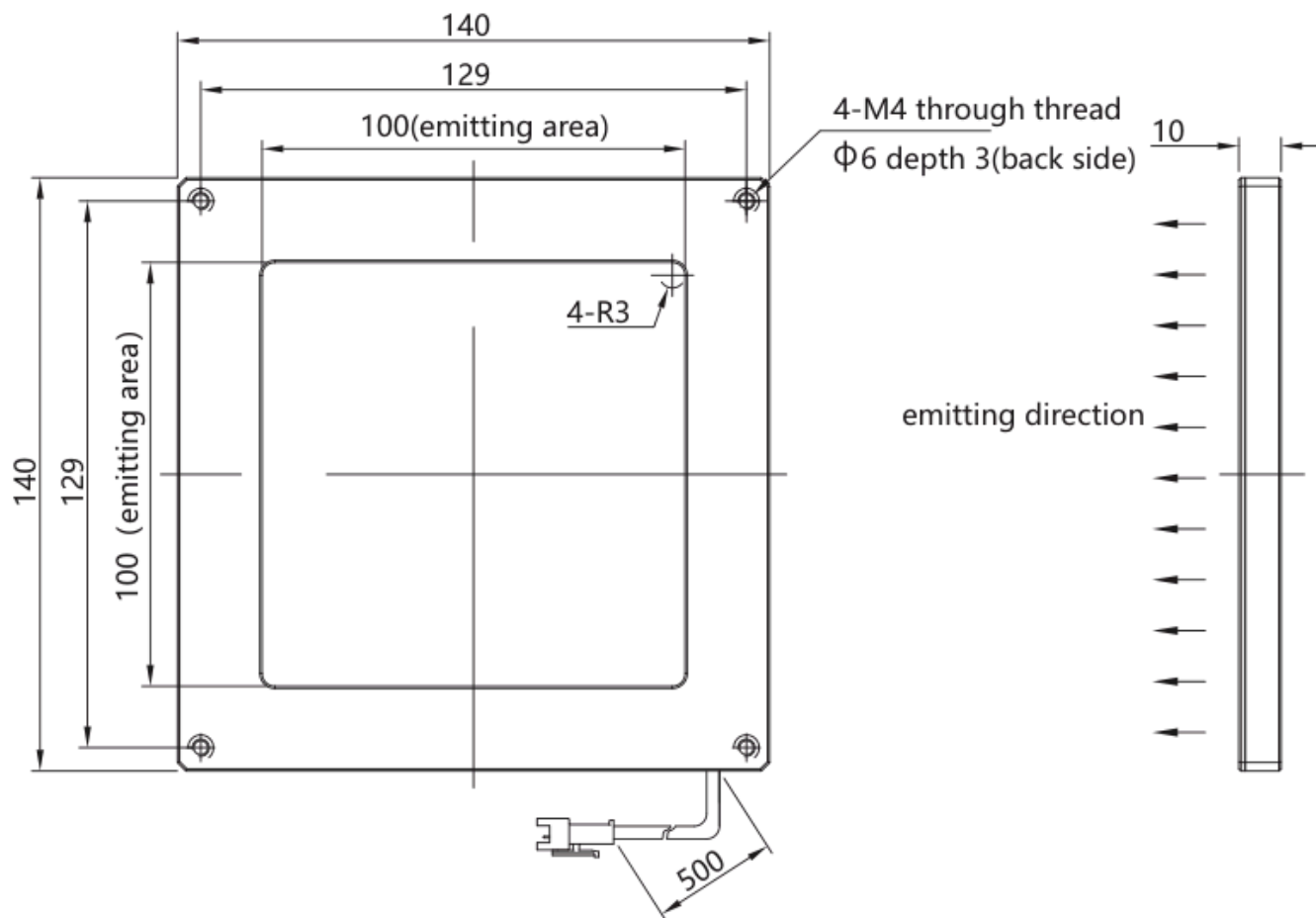
Models

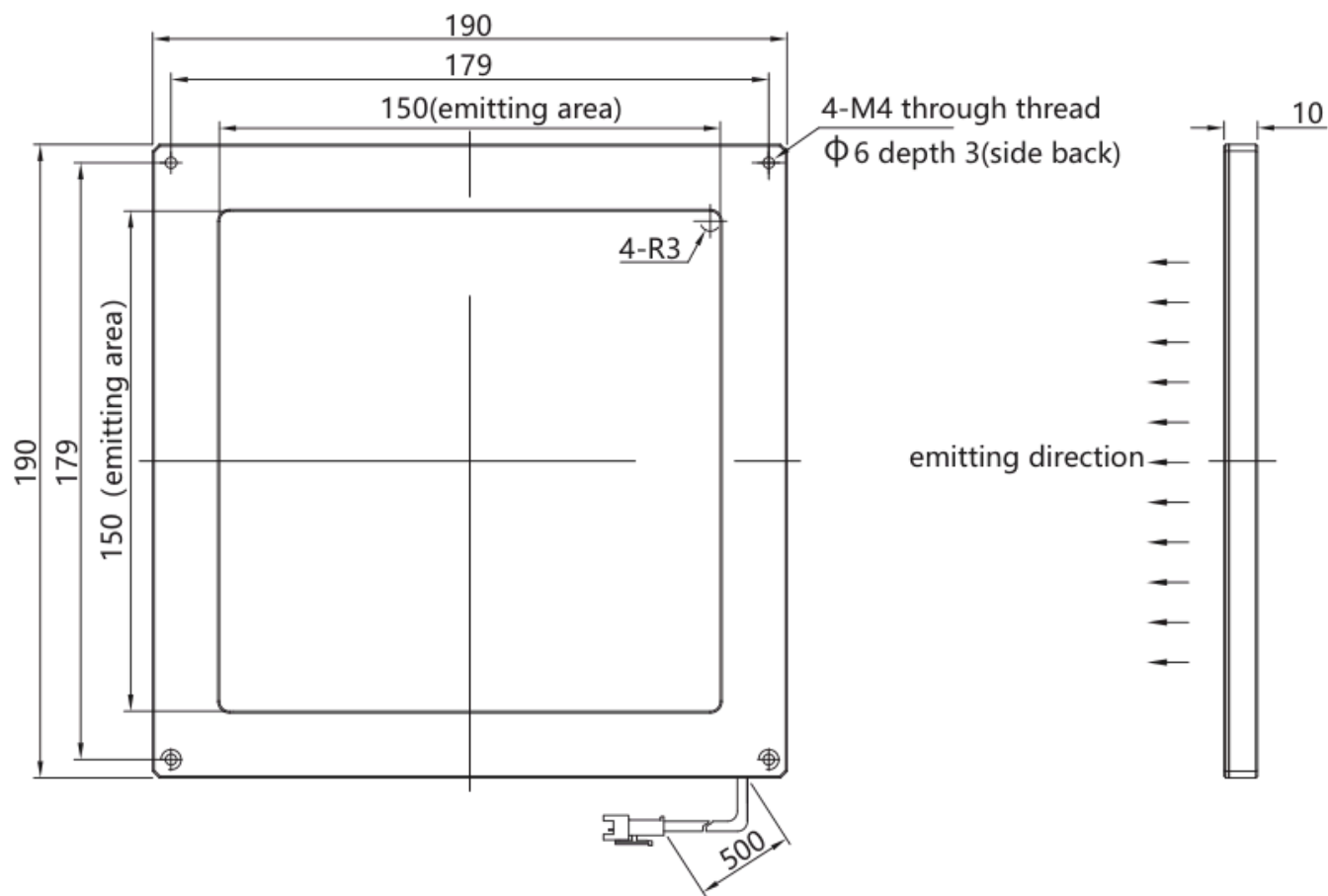
Model	Item	Power R (W)	Power G/B/W (W)	Luminous size (mm)	L (mm)	W (mm)
LS-FCS50-R/G/B/W colours: R, G, B, W	1	3.6	3.6	50 x 50	90	90
LS-FCS100-R/G/B/W colours: R, G, B, W	2	7.2	11	100 x 100	140	140
LS-FCS150-R/G/B/W colours: R, G, B, W	3	11	15	150 x 150	190	190
LS-FCS200-R/G/B/W colours: R, G, B, W	4	15	22	200 x 200	240	240

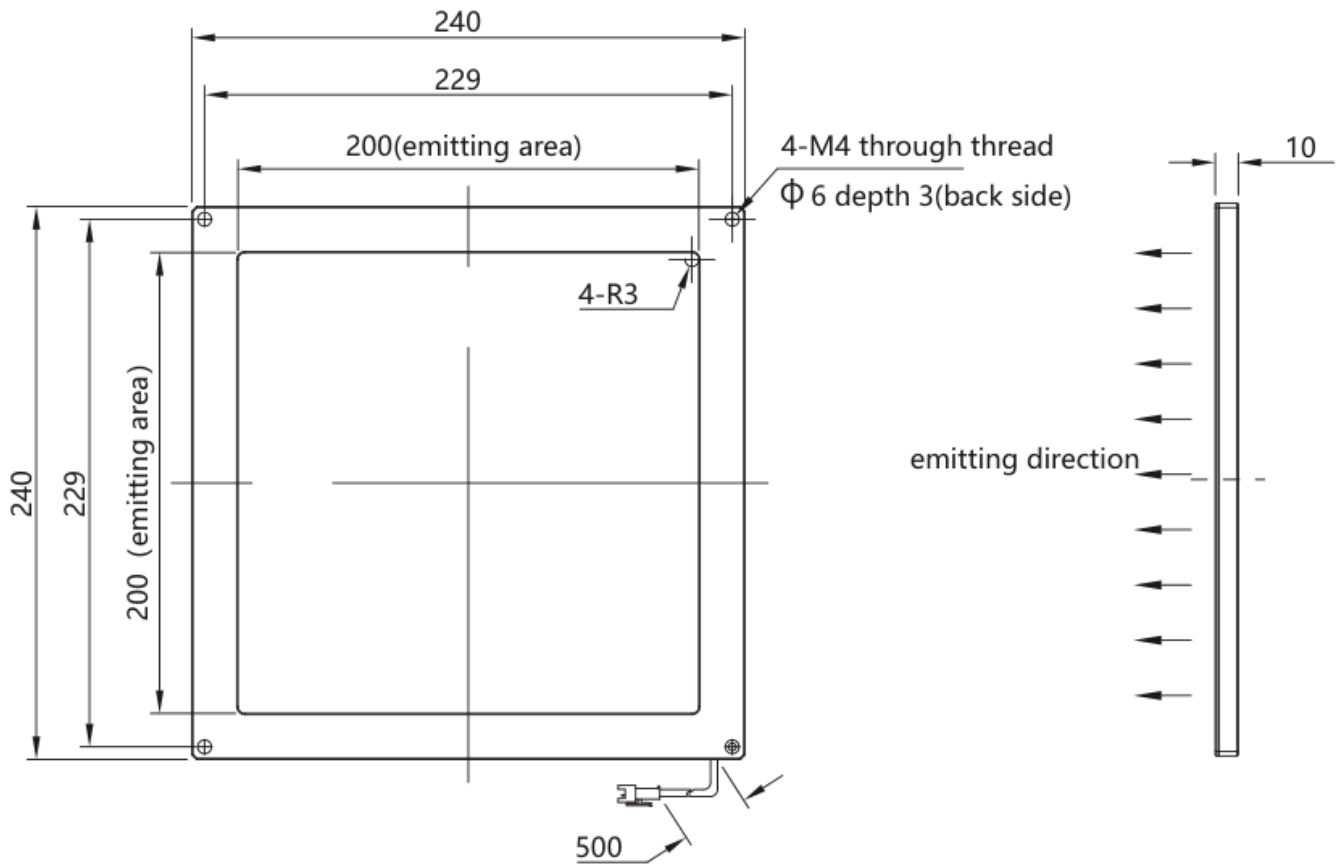
More values per model (H (mm), Recommended controller) are on each product page.

Dimensions

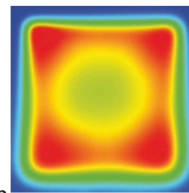
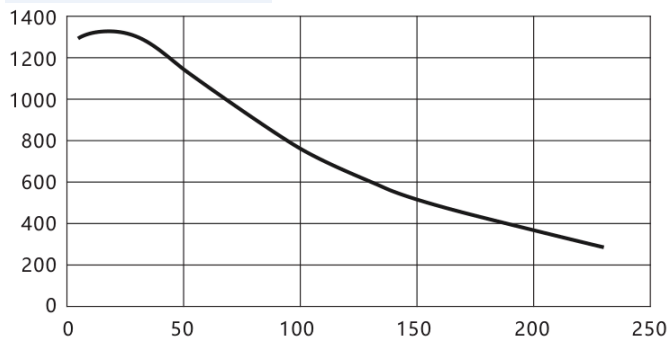




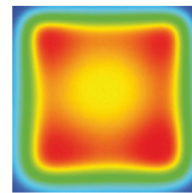




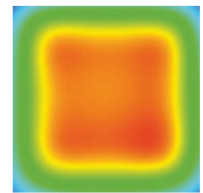
Performance



LWD=10mm



LWD=20mm



LWD=50mm

Product views

