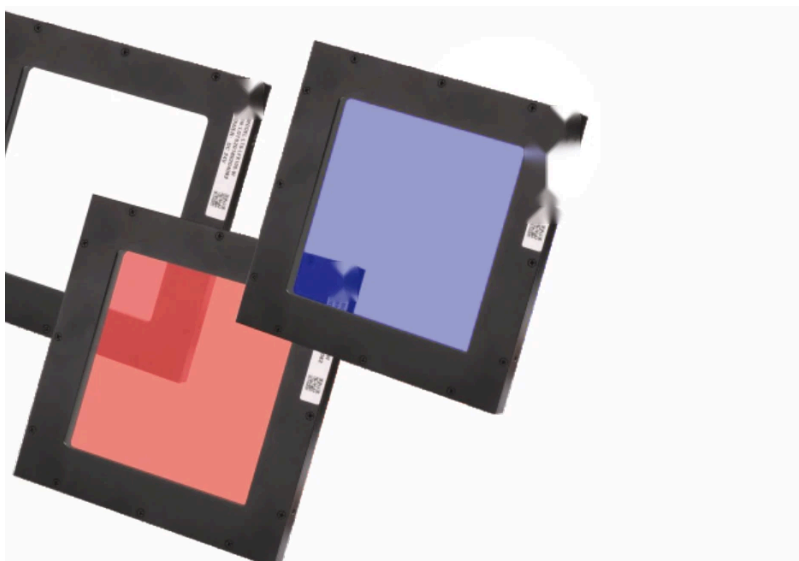


Flat shadowless light (LFX)

LS-LFX series · Shadowless lights · 2 models



Flat shadowless light with both coaxial and shadowless lighting effect, high light transmission and high uniformity; compact and easy to install. It gives the same effect as a coaxial + dome combined light in a more compact volume.

Features

- Coaxial and shadowless light effect
- High light transmission, high uniformity
- Compact, easy to install
- A printed-dot light guide plate controls the direction of the emitted light
- Same effect as a coaxial + dome combined light with a more compact volume
- Customizable: Length and width, Colour & colour temperature, Cable length, Installation method
- UV & IR versions can be customized as required

Applications

- Inspection in narrow installation spaces
- Edge contour inspection
- Outline defect inspection
- Impurity and liquid level inspection
- Imaging example: dirty part inspection on a rivet (LS-LFX100-W), uniform image with high-contrast defect

Colours

R	620-630 nm
G	525-530 nm
B	465-470 nm
W	6600 K

Common specifications

Voltage	24 V
Min. size	145 mm x 145 mm
Max. size	195 mm x 195 mm

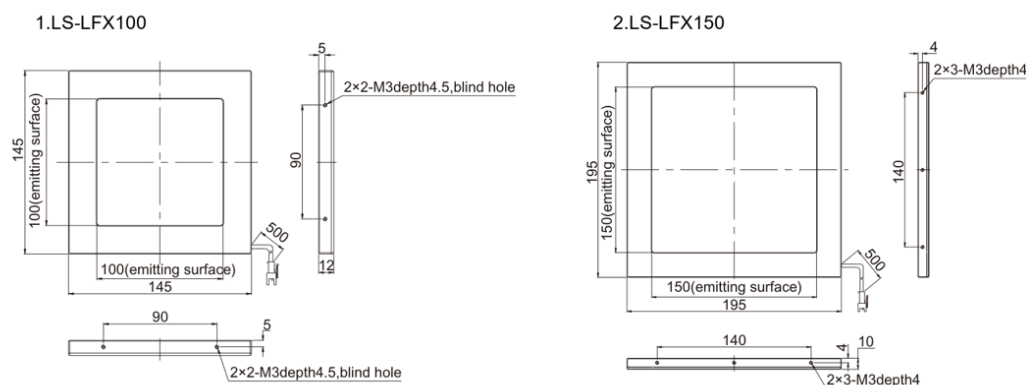
Recommended working distance	40~150 mm
FOV	70~100 mm
Colour temperature of white	6600 K
Cable length (drawing)	500 mm
Operating temperature	0-50 °C
Operating humidity	20-85% (non-condensing)
Life-span	50000 h (to 50% of factory default luminance)
Adapted controllers	Strobe controller, analog controller, digital controller
Extension cable options	PVC extension cable (high flexibility, bending and high-temperature resistant, for use inside equipment); high-flexibility extension cable (harder, more abrasion resistant, for drag-chain production lines)

Ordering code: LS-LFX##-R/G/B/W/IR/UV (## = length of luminous zone; last field = colour)

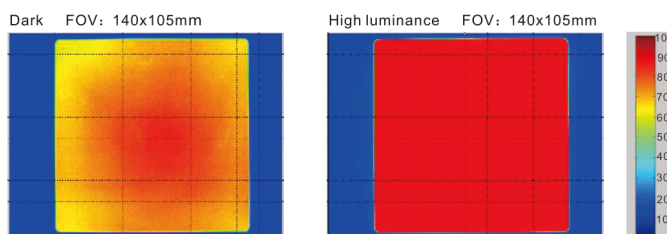
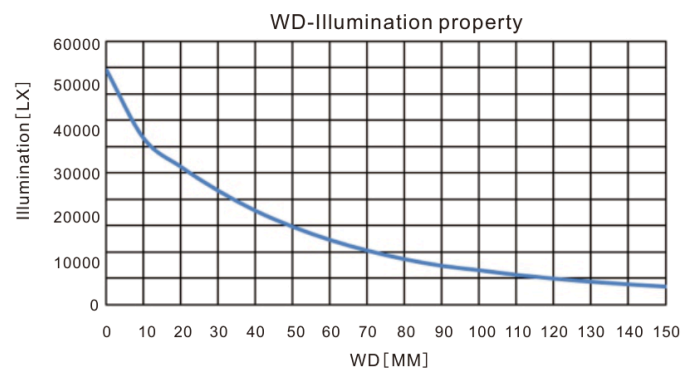
Models

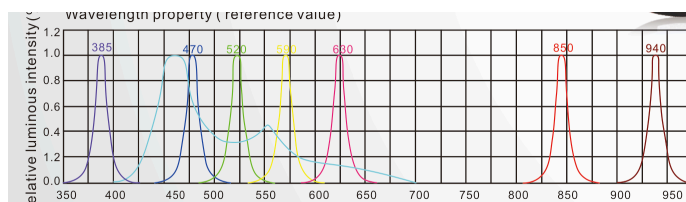
Model	Power (R)	Power (G/B/W)	Weight	Common model	Dimension drawing no.	Emitting surface (mm)
LS-LFX100 colours: R, G, B, W	7.7W	12.0W	413 g	Y	1	100 x 100
LS-LFX150 colours: R, G, B, W	11.5W	17.3W	620 g	N	2	150 x 150

Dimensions



Performance





Product views

