

Square shadowless light (LS-FIF)

LS-FIF-SQ series · Shadowless lights · 9 models



Higher uniformity; a special diffuser plate achieves a shadowless irradiation effect.

Features

- Higher uniformity
- Special diffuser plate for shadowless illumination
- Size can be customized according to different needs

Applications

- Detection of appearance defects in plastic parts, detection of bottle mouth defects
- Edge positioning of hardware parts
- Detection of surface dents, scratches and indentations

Colours

R	Red
G	Green
B	Blue
W	White
IR	Infrared
UV	Ultraviolet

Common specifications

Voltage	24 V DC (12 V on request)
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Ordering code: LS-FIF<outer size><inner size>-<colour> (e.g. LS-FIF4640-R; printed legend: colour, inner diameter, outer diameter)

Models

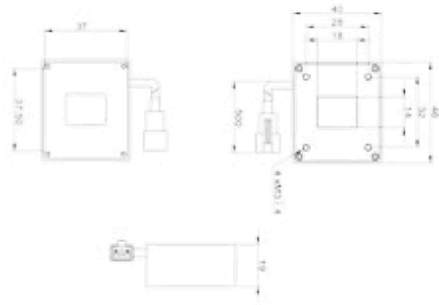
Model	Number of lamp rows	Outer diameter (mm)	Inner diameter (mm)	Height (mm)	Power red (W)	Power white/blue/green (W)
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LS-FIF4640 colours: R, G, B, W, IR, UV	3	46	40	19	1.6	2.7
LS-FIF5050 colours: R, G, B, W, IR, UV	4	50	50	40	3	3.5
LS-FIF78100 colours: R, G, B, W, IR, UV	2	100	28	28	3.2	3.8
LS-FIF80150 colours: R, G, B, W, IR, UV	3	154	84	31	4.3	7.7
LS-FIF100100 colours: R, G, B, W, IR, UV	2	100	100	32	2.5	5
LS-FIF100240 colours: R, G, B, W, IR, UV	2	240	100	41	14.88	18.6
LS-FIF120120 colours: R, G, B, W, IR, UV	3	120	120	32	3.6	6.7
LS-FIF200400 colours: R, G, B, W, IR, UV	3	400	200	45.5	30.56	38.2
LS-FIF300300 colours: R, G, B, W, IR, UV	2	300	300	41	33.84	42.3

More values per model (Product name) are on each product page.

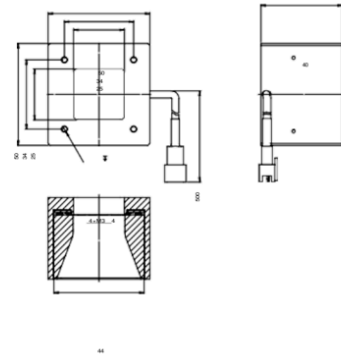
Dimensions

01



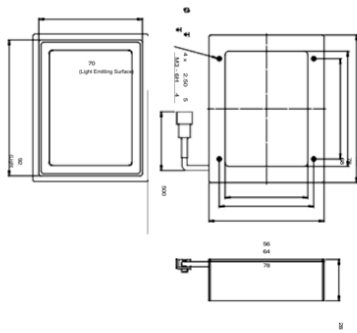
LS-FIF4640

02



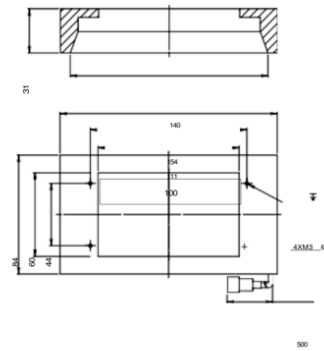
LS-FIF5050

03



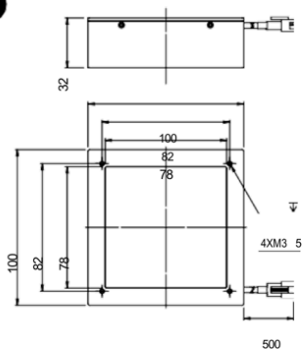
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04



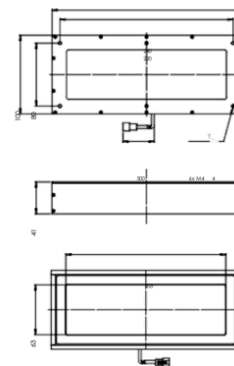
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05

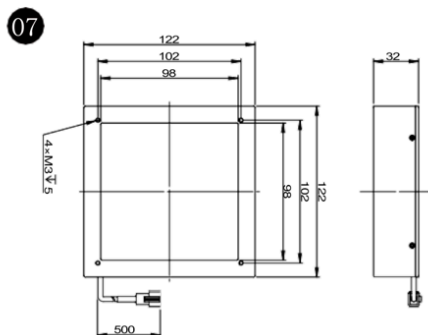


LS-FIF100100

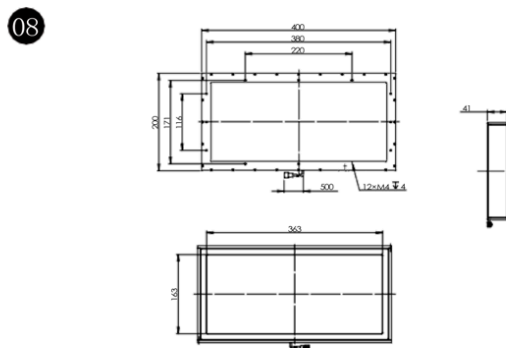
06



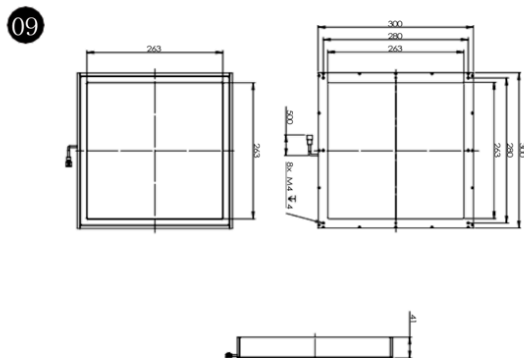
LS-FIF10024(



LS-FIF120120



LS-FIF200400



LS-FIF300300

Product views

