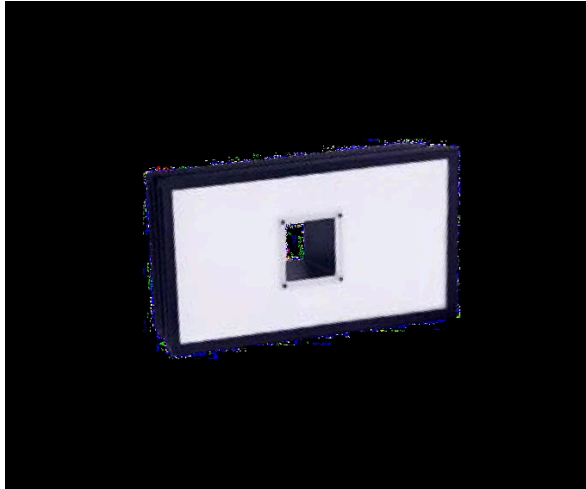


surface light source with opening

LS-FLKF series · Backlights · 19 models

Surface light with a through opening, large-area uniform light emission and high-array LED arrangement for high-brightness planar lighting. Mainly used for perspective contour imaging and large-format uniform illumination.



Features

- Large-area uniform light emission
- High-array LED arrangement for high-brightness planar lighting
- Mainly used for perspective contour imaging and large-format uniform illumination
- Size can be customized according to different needs
- Square, rectangular or double openings
- M3 nut placement groove, groove depth 4.5 mm

Applications

- Various size measurements, shape inspection of transparent objects
- Shape inspection of electronic components and ICs
- Appearance positioning inspection
- Contour inspection

Colours

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

Common specifications

Voltage	24 V DC (12 V on request)
Cable length (mm)	500
Mounting	M3 nut placement groove, groove depth 4.5 mm
Opening	Yes

Ordering code: LS-FLK<emitting length and width>F-<opening>-<colour> (catalog example LS-FLK100200-R; R/G/B/W/IR/UV)

Models

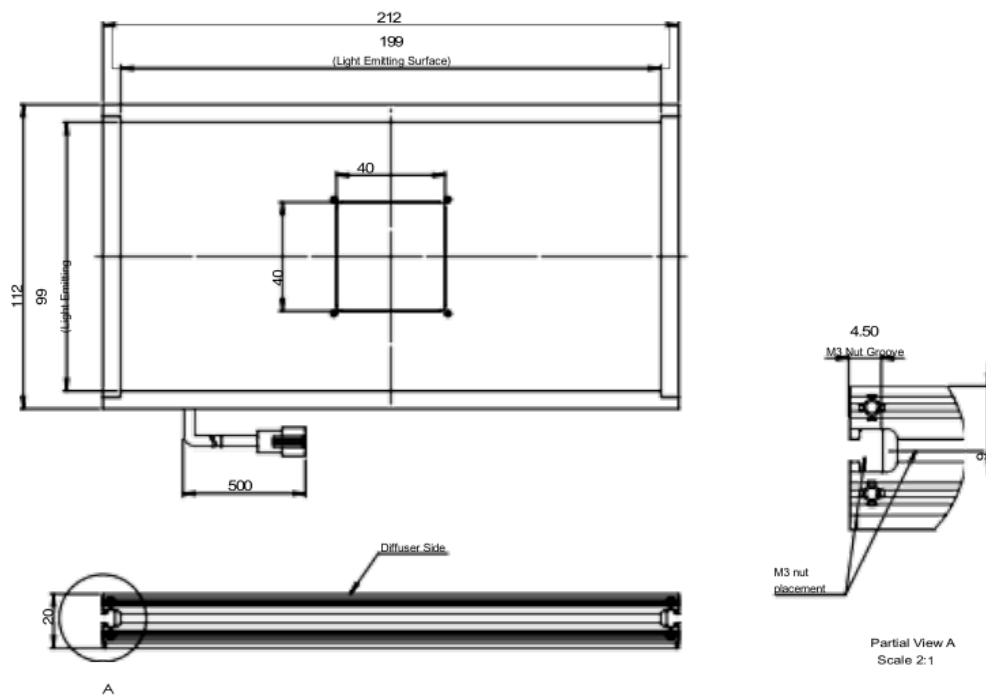
Model	Overall length (mm)	Overall width (mm)	Power red (W)	Power white/blue/green (W)	Emitting surface (mm)	Opening (mm)	Overall height (mm)
LS-FLK100160F-DUAL-HOLE35 colours: R, G, B, W, IR, UV	173	113	17	18	160 x 100	2 x dia. 35 (59 mm apart)	20
LS-FLK100200F-40 colours: R, G, B, W, IR, UV	212	112	19	20	199 x 99	40 x 40	20
LS-FLK200200F-80 colours: R, G, B, W, IR, UV	-	-	24	28	199 x 199	80 x 80	20
LS-FLK200300F-50 colours: R, G, B, W, IR, UV	-	-	34	44	299 x 199	50 x 50	21
LS-FLK200300F-60 colours: R, G, B, W, IR, UV	312	212	35	43.7	299 x 199	60 x 60	21
LS-FLK200350F-60 colours: R, G, B, W, IR, UV	362	212	39	47	349 x 199	60 x 60	21
LS-FLK200400F-DUAL-HOLE60 colours: R, G, B, W, IR, UV	412	212	44	51	399 x 199	2 x 60 x 60 (40 mm gap)	21
LS-FLK200410F-5060 colours: R, G, B, W, IR, UV	422	212	45	52	410 x 200	60 x 50	21
LS-FLK200410F-DUAL-HOLE60 colours: R, G, B, W, IR, UV	422	212	45	52	409 x 199	2 x 60 x 60 (90 mm gap)	21

LS-FLK250400F-DUAL-HOLE40 colours: R, G, B, W, IR, UV	412	278	48	58	399 x 249	2 x 40 x 40	21
LS-FLK250400F-60 colours: R, G, B, W, IR, UV	412	272	49	60	399 x 249	60 x 60	21
LS-FLK300300F-60 colours: R, G, B, W, IR, UV	-	-	53.08	65.4	299 x 299	60 x 60	21
LS-FLK300600F-75 colours: R, G, B, W, IR, UV	612	325	105.1	131.3	599 x 299	75 x 75	21
LS-FLK400500F-60 colours: R, G, B, W, IR, UV	512	412	110.52	138.15	499 x 399	60 x 60	22
LS-FLK400600F-60 colours: R, G, B, W, IR, UV	611.5	411.5	132.35	161.21	598.5 x 398.5	60 x 60	21
LS-FLK450525F-60 colours: R, G, B, W, IR, UV	538	463	144	164	525 x 450	60 x 60	22
LS-FLK500600F-60 colours: R, G, B, W, IR, UV	612	512	150	168	599 x 499	60 x 60	22
LS-FLK500700F-60 colours: R, G, B, W, IR, UV	715	514	159.62	175.64	702 x 501	60 x 60	23
LS-FLK500900F-60 colours: R, G, B, W, IR, UV	915	514	171.41	192.54	902 x 501	60 x 60	23

More values per model (Overall length / width (mm)) are on each product page.

Dimensions

02



LS-FLK100200F-40

Product views

