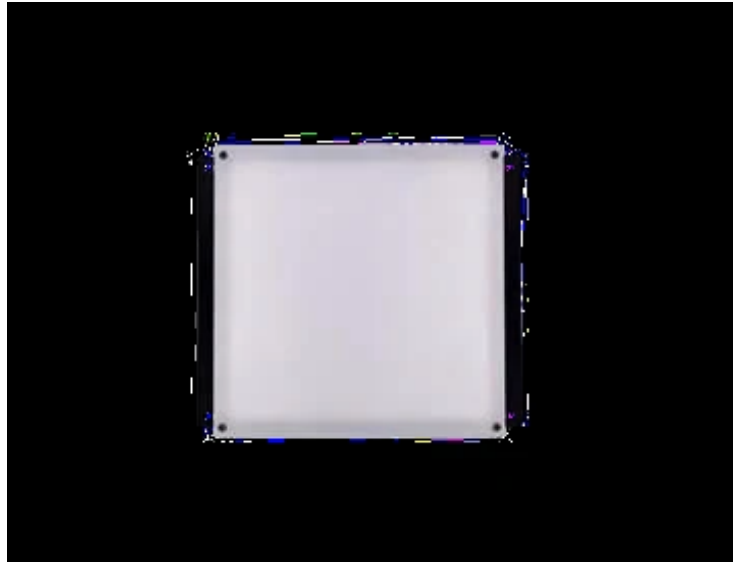


Traditional surface light source (FL)

LS-FL-K series · Backlights · 38 models



Surface light with 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

Applications

- Various size measurements, shape inspection of transparent objects
- Shape inspection of electronic components and ICs
- Size measurement
- Shape defect detection

Colours

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

Common specifications

Voltage 24 V DC (12 V on request)

Ordering code: LS-FL<emitting width><emitting length>-<colour> (e.g. LS-FL0813-R; R/G/B/W/IR/UV)

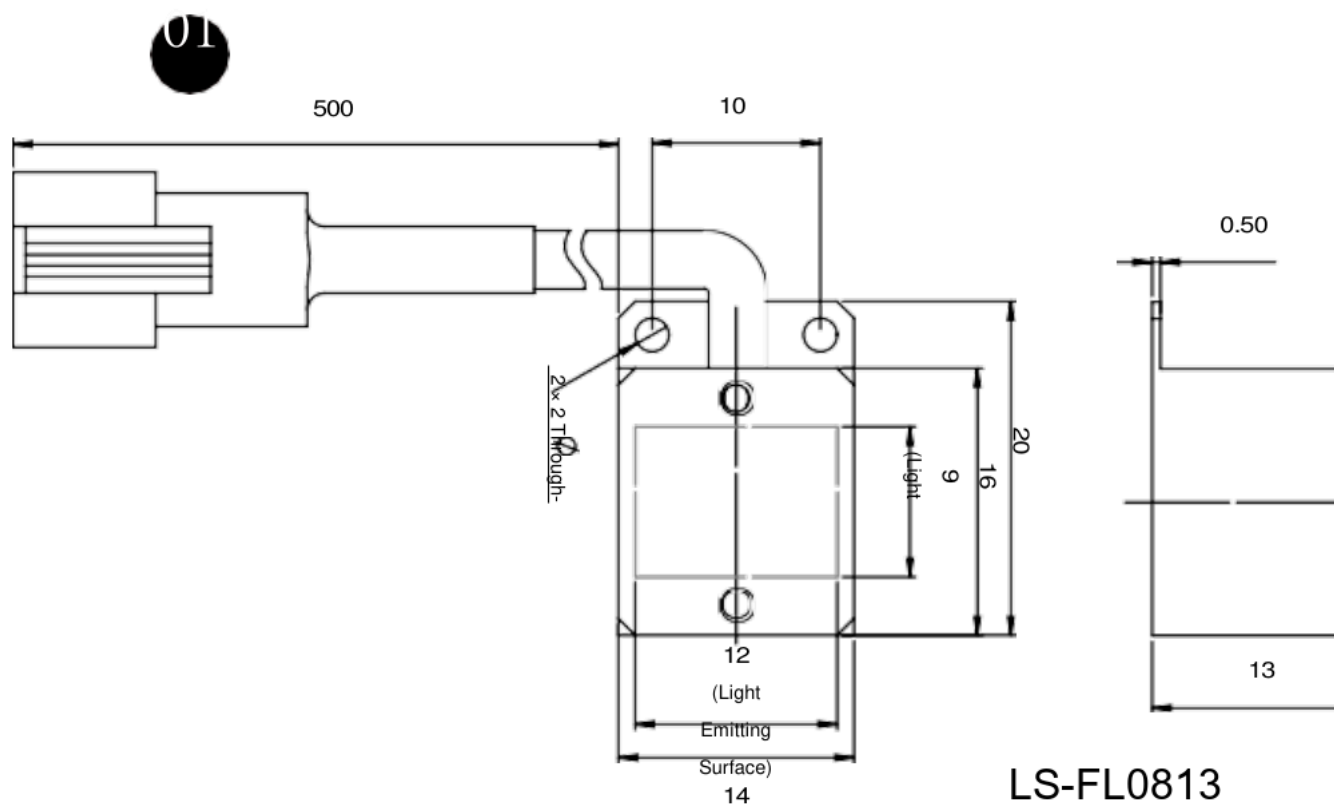
Models

Model	Length (mm)	Width (mm)	Height (mm)	Power red (W)	Power white/blue/green (W)	Length / width (mm)
LS-FL0813 colours: R, G, B, W, IR, UV	20	14	13	0.4	0.4	-
LS-FL1516 colours: R, G, B, W, IR, UV	25	17.9	15	0.3	0.2	-
LS-FL1919 colours: R, G, B, W, IR, UV	49	26	17	0.8	1	-
LS-FL2534 colours: R, G, B, W, IR, UV	56	28	18	1.2	1.4	-
LS-FL3070 colours: R, G, B, W, IR, UV	88	39	13	2	2.4	-
LS-FL3235 colours: R, G, B, W, IR, UV	47.9	34.1	15	0.74	0.92	-
LS-FL4040 colours: R, G, B, W, IR, UV	72	50	18	0.96	1.2	-
LS-FL5050 colours: R, G, B, W, IR, UV	72	58	18	1.65	2.06	-
LS-FL5060 colours: R, G, B, W, IR, UV	80	68	18	1.98	2.48	-
LS-FL5070 colours: R, G, B, W, IR, UV	90	50	40	2.31	2.89	-
LS-FL6060 colours: R, G, B, W, IR, UV	87	73	18	2.38	2.97	-
LS-FL6080 colours: R, G, B, W, IR, UV	89	80	18	3.17	3.96	-
LS-FL7080 colours: R, G, B, W, IR, UV	99	88	18	3.7	4.62	-
LS-FL8080 colours: R, G, B, W, IR, UV	107	90	18	4.23	5.28	-
LS-FL16010 colours: R, G, B, W, IR, UV	180	15	15	3	3.3	-

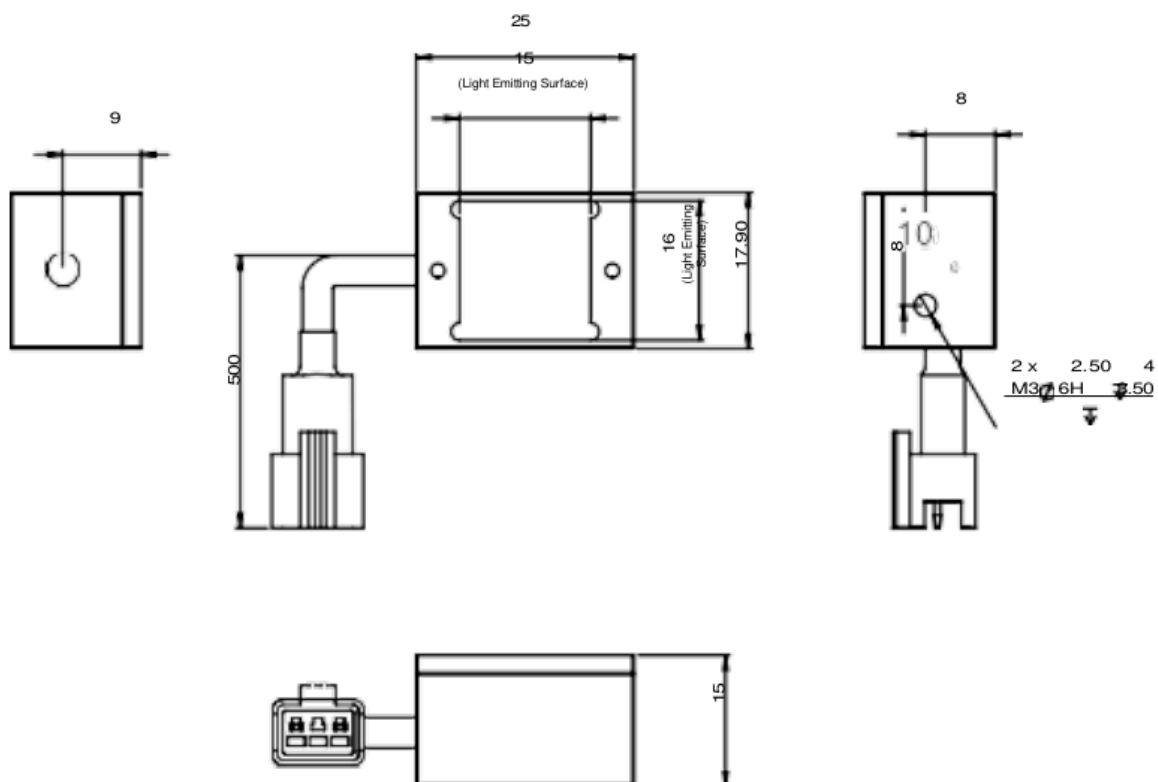
Model	Length (mm)	Width (mm)	Height (mm)	Power red (W)	Power white/blue/green (W)	Length / width (mm)
LS-FL16080 colours: R, G, B, W, IR, UV	173	94	19.5	7.8	8	-
LS-FL47060 colours: R, G, B, W, IR, UV	500	80	18	18	20	-
LS-FL50120 colours: R, G, B, W, IR, UV	128	76	18	6	8	-
LS-FL50180 colours: R, G, B, W, IR, UV	180	54	15	8.5	11	-
LS-FL80260 colours: R, G, B, W, IR, UV	278	94	20	13.74	17.17	-
LS-FL80320 colours: R, G, B, W, IR, UV	335	94	18	32	32	-
LS-FL80600 colours: R, G, B, W, IR, UV	615	80	73	31.7	39.63	-
LS-FL100150 colours: R, G, B, W, IR, UV	180	110	24	9.91	12.38	-
LS-FL120120 colours: R, G, B, W, IR, UV	150	130	18	9.51	11.89	-
LS-FL120220 colours: R, G, B, W, IR, UV	248	128	16	16.8	16.8	-
LS-FL125200 colours: R, G, B, W, IR, UV	215	136	22	14.72	18.4	-
LS-FL150200 colours: R, G, B, W, IR, UV	210	180	17	19.81	24.77	-
LS-FL150400 colours: R, G, B, W, IR, UV	410	180	24	38.4	38.4	-
LS-FL180180 colours: R, G, B, W, IR, UV	-	-	18	21.4	26.54	190
LS-FL200200 colours: R, G, B, W, IR, UV	230	210	18	26.42	33.02	-
LS-FL200250 colours: R, G, B, W, IR, UV	263	213	19	53.76	67.2	-
LS-FL200270 colours: R, G, B, W, IR, UV	296	220	18	54.64	68.3	-
LS-FL200300 colours: R, G, B, W, IR, UV	310	230	24	39.63	49.54	-

Model	Length (mm)	Width (mm)	Height (mm)	Power red (W)	Power white/blue/green (W)	Length / width (mm)
LS-FL200600 colours: R, G, B, W, IR, UV	610	230	24	79.26	99.07	-
LS-FL250400 colours: R, G, B, W, IR, UV	430	260	25	61.92	82.56	-
LS-FL270480 colours: R, G, B, W, IR, UV	510	280	25	68.8	86	-
LS-FL300300 colours: R, G, B, W, IR, UV	330	310	24	59.44	74.3	-
LS-FL400500 colours: R, G, B, W, IR, UV	530	410	25	105	118	-

Dimensions

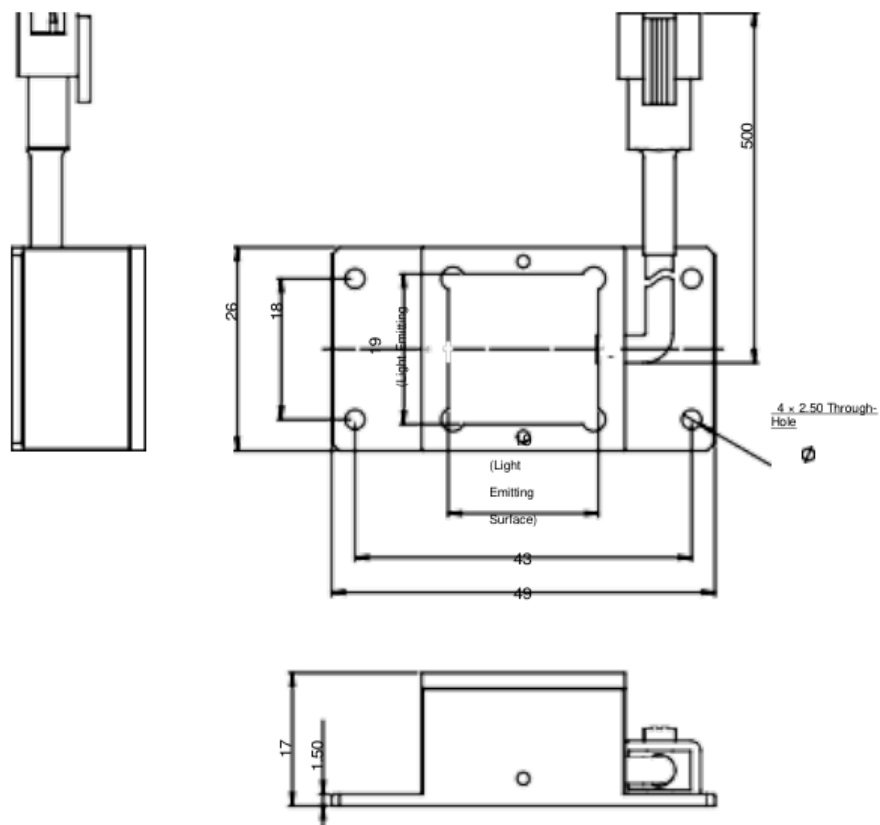


02



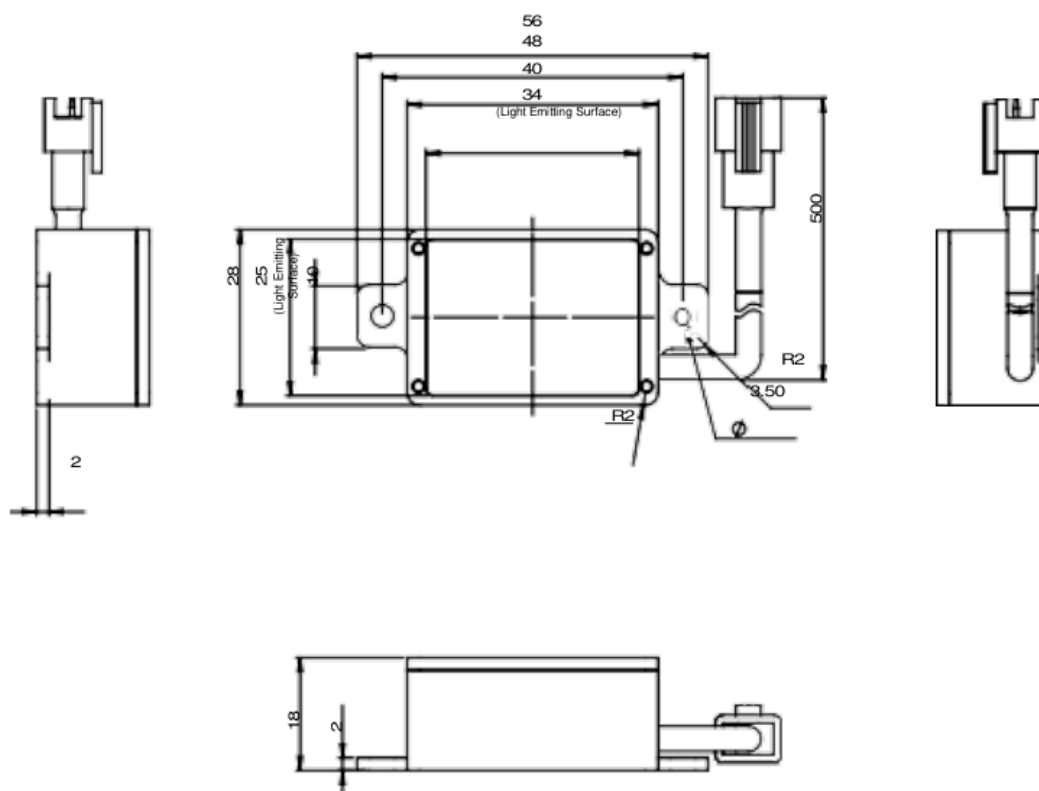
LS-FL1516

03



LS-FL1919

04



LS-FL2534

Product views

