

Side backlight source (FLC), no opening

LS-FLC series · Backlights · 10 models

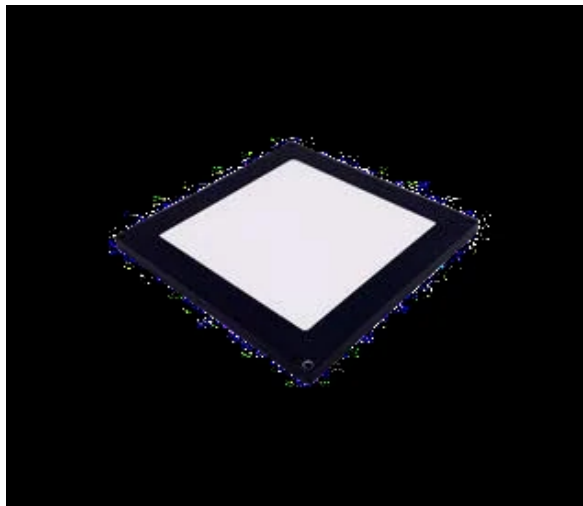
Side-lit backlight with large-area uniform luminescence and high-array LED arrangement for high-brightness planar lighting. Mainly used for perspective contour imaging and large-format uniform illumination.

Features

- Large-area uniform luminescence
- High-array LED arrangement for high-brightness planar lighting
- Mainly used for perspective contour imaging and large-format uniform illumination
- Size can be freely customized according to different needs

Applications

- Measurement of various sizes and shape detection of transparent objects
- Shape inspection of electronic components and ICs
- Contour positioning
- Mobile phone inner hole positioning



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
Opening	None

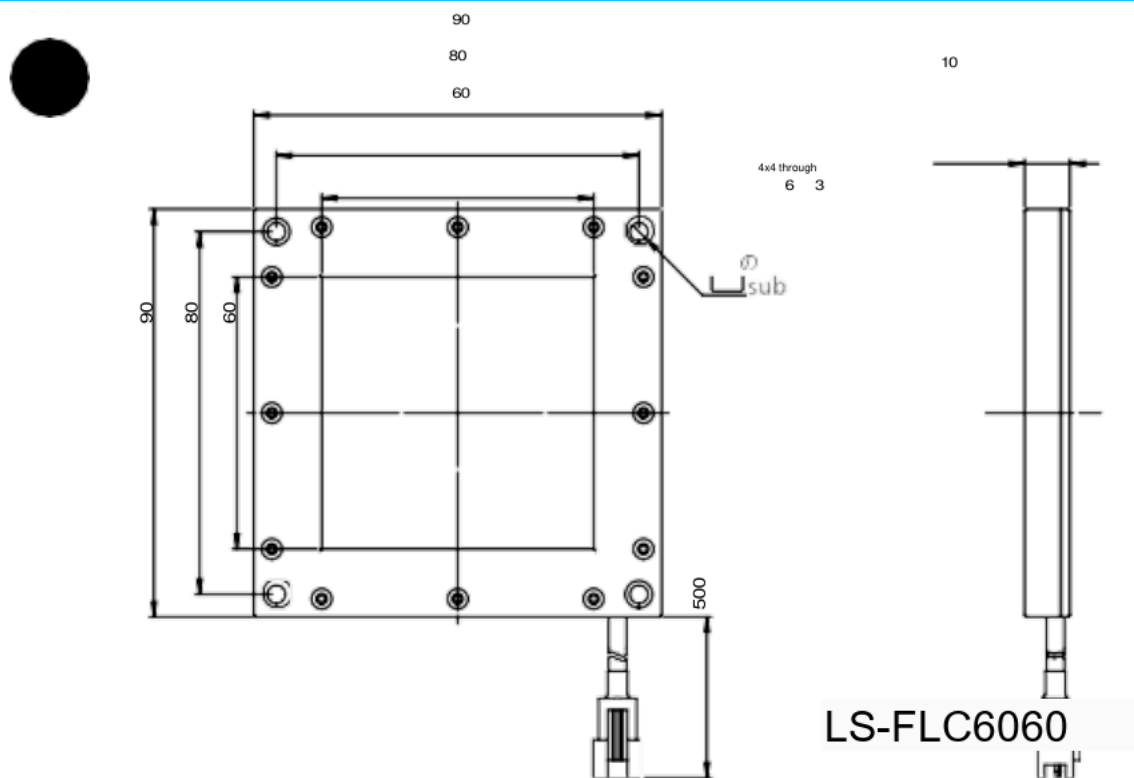
Ordering code: LS-FLC<emitting width><emitting length>-<colour> (e.g. LS-FLC6060-R; R/G/B/W/IR/UV)

Models

Model	Overall length / width (mm)	Power red (W)	Power white/blue/green (W)	Overall height (mm)	Overall length (mm)	Overall width (mm)	Emitting surface (mm)
LS-FLC6060 colours: R, G, B, W, IR, UV	90	5.8	7.3	10	-	-	-
LS-FLC100100 colours: R, G, B, W, IR, UV	130	9.12	11.4	7	-	-	-
LS-FLC100400 colours: R, G, B, W, IR, UV	-	17	18	10.5	430	130	400 x 100

LS-FLC150170 colours: R, G, B, W, IR, UV	-	12.77	15.96	10	200	180	-
LS-FLC150180 colours: R, G, B, W, IR, UV	-	5.65	4.44	12	210	180	180 x 150
LS-FLC250300 colours: R, G, B, W, IR, UV	-	20.06	25.08	11	320	272	-
LS-FLC300400 colours: R, G, B, W, IR, UV	-	25.54	31.92	11	430	330	-
LS-FLC500900 colours: R, G, B, W, IR, UV	-	51.07	63.84	11	920	520	-
LS-FLC600800 colours: R, G, B, W, IR, UV	-	51.07	63.84	11	830	630	-
LS-FLC900900 colours: R, G, B, W, IR, UV	930	58.9	73.2	11	-	-	-

Dimensions



Product views

