

Ultra-thin flat light / side backlight (2FLC series)

LS-2FLC series · Backlights · 5 models

Ultra-thin flat light (side backlight), 10.5 mm high, with SMD LEDs; luminous areas from 100 x 100 to 300 x 300 mm.

Features

- 10.5 mm thickness
- Side-lit SMD LEDs
- Three-colour RGB light source, size and height, wavelength/ colour temperature, mounting and input wire length customization



Applications

- Glass scratch detection
- PCB board printing defect detection
- Reflective plane defect detection
- Sheet metal detection (white background with contrasting black edges)

Colours

R	620-630 nm
G	520-530 nm
B	460-470 nm
W	6000-7500 K

Common specifications

Voltage	24 V DC
LED type	SMD
Wire length	500 mm (drawing)

Operating environment (indoor)	temperature 0~40 °C, humidity 20~85% (non condensing)
Working life	white: 30000 hours, red: 30000 hours (the value varies according to the use environment)
Power tolerance	actual product power within $\pm 10\%$ of the table is the normal range
Quality service	one year product warranty, technical support

Ordering code: LS-2FLC<luminous surface length><luminous surface width>--<R/G/B/W/IR/UV>

Models

Model	Luminous size (mm)	Power blue/white (W)	Long (mm)	Wide (mm)
LS-2FLC100100 colours: B, W	100x100	6.7	135	135
LS-2FLC150150 colours: B, W	150x150	10.1	185	185
LS-2FLC200200 colours: B, W	200x200	13.4	235	235
LS-2FLC250250 colours: B, W	250x250	16.8	285	285
LS-2FLC300300 colours: B, W	300x300	20.2	335	335

More values per model (Voltage (V), High (mm)) are on each product page.

Dimensions

