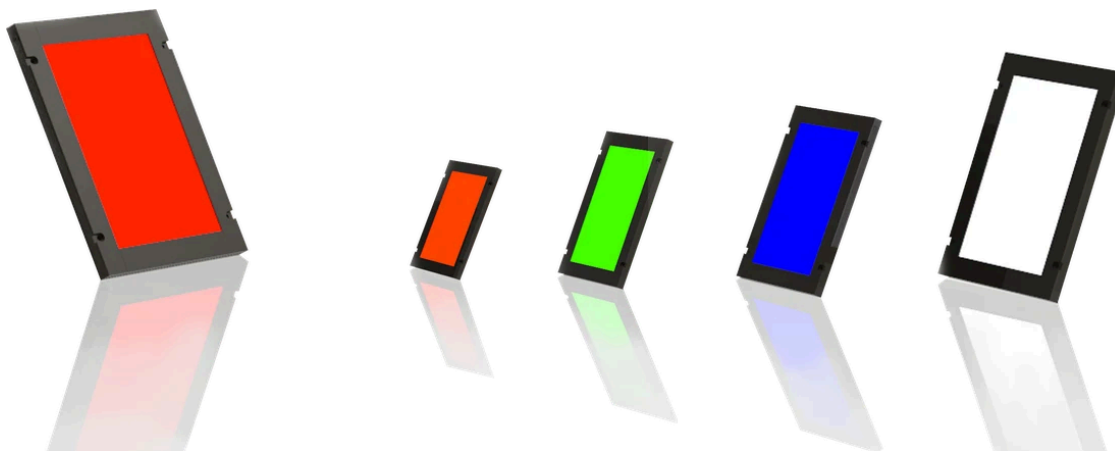


Flank Back Light (FC series)

LS-FC series · Backlights · 14 models



Edge-lit (side-lit) backlight: LEDs at the edge feed a light-guide plate, giving a 9.5 mm thin panel with uniform large-area illumination that highlights workpiece contours.

Features

- Flexible design for width and length dimensions.
- Suitable for uniform illumination over large areas, effectively highlighting workpiece contours.
- High uniformity.

Applications

- Precision part size measurement, edge damage detection, transparent surface scratch, internal foreign object detection, liquid level check, liquid contaminant detection.
- PCB flexible board circuit inspection
- Spoon burr defect detection
- Connector gap inspection
- Gold plating positioning inspection

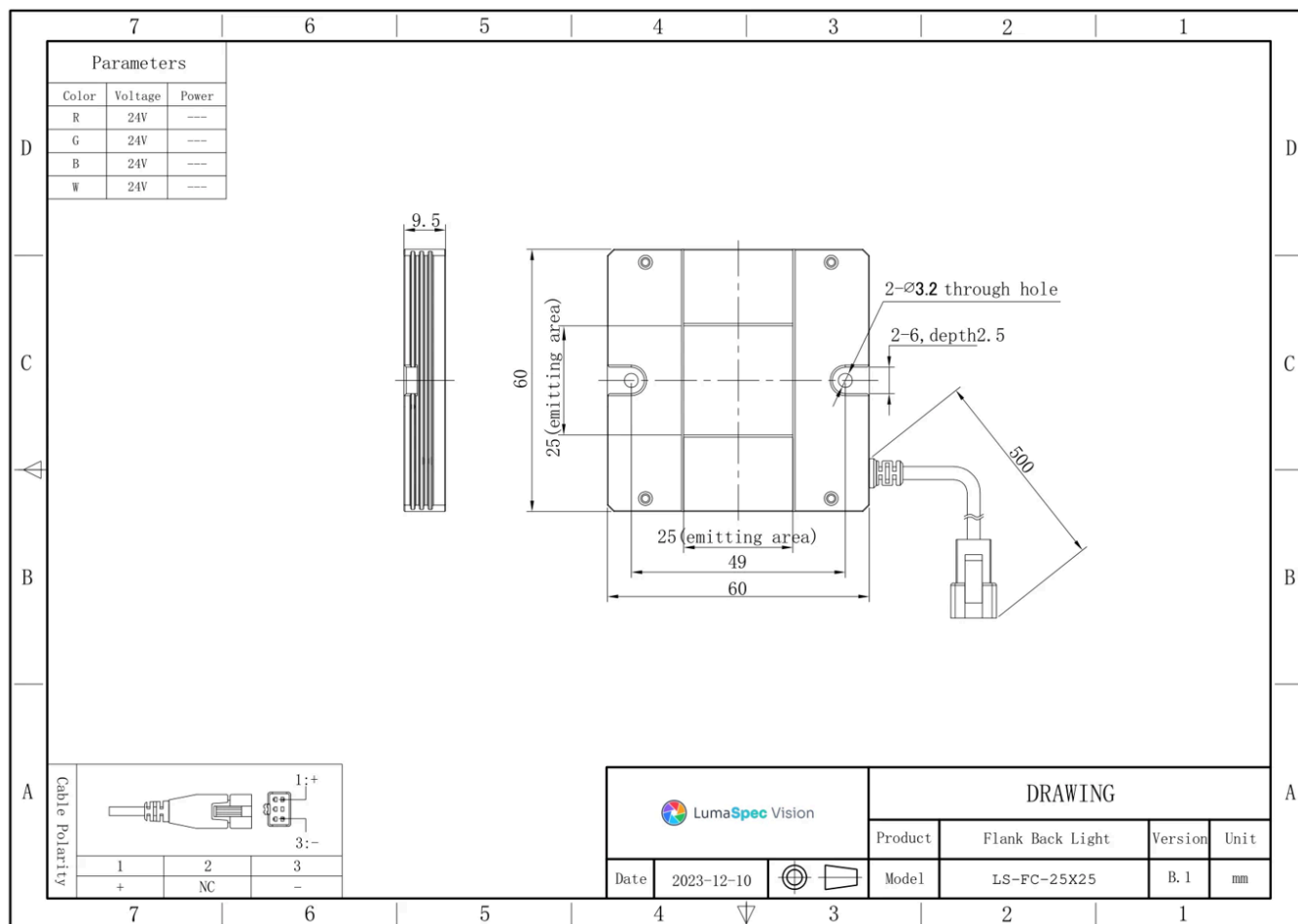
Common specifications

Voltage (V)	24
Colours	Red, Green, Blue, White
Construction (setup diagram)	LED / housing / light-guide plate
Thickness (mm)	9.5
Mounting	X-Φ3.2 through holes (installation); 4-6 depth 3
Cable length (mm)	500

Models

Model	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-FC-25X25 colours: Red, Green, Blue, White	2	2.3	25x25	60x60x9.5
LS-FC-50X50 colours: Red, Green, Blue, White	4	6	50x50	85x85x9.5
LS-FC-70X70 colours: Red, Green, Blue, White	5	7	70x70	105x105x9.5
LS-FC-80X80 colours: Red, Green, Blue, White	5	7	80x80	115x115x9.5
LS-FC-90X90 colours: Red, Green, Blue, White	5	7.5	90x90	125x125x9.5
LS-FC-110X110 colours: Red, Green, Blue, White	6	8.5	110x110	145x145x9.5
LS-FC-150X100 colours: Red, Green, Blue, White	6	8.5	150x100	185x135x9.5
LS-FC-200X160 colours: Red, Green, Blue, White	6	9	200x160	235x195x9.5
LS-FC-200X200 colours: Red, Green, Blue, White	7	10	200x200	235x235x9.5
LS-FC-250X200 colours: Red, Green, Blue, White	8	12	250x200	285x235x9.5
LS-FC-300X200 colours: Red, Green, Blue, White	10	15	300x200	335x235x9.5
LS-FC-300X300 colours: Red, Green, Blue, White	17	25	300x300	335x335x9.5
LS-FC-400X300 colours: Red, Green, Blue, White	18	28	400x300	435x335x9.5
LS-FC-600X400 colours: Red, Green, Blue, White	20	30	600x400	635x435x9.5

Dimensions



Performance

