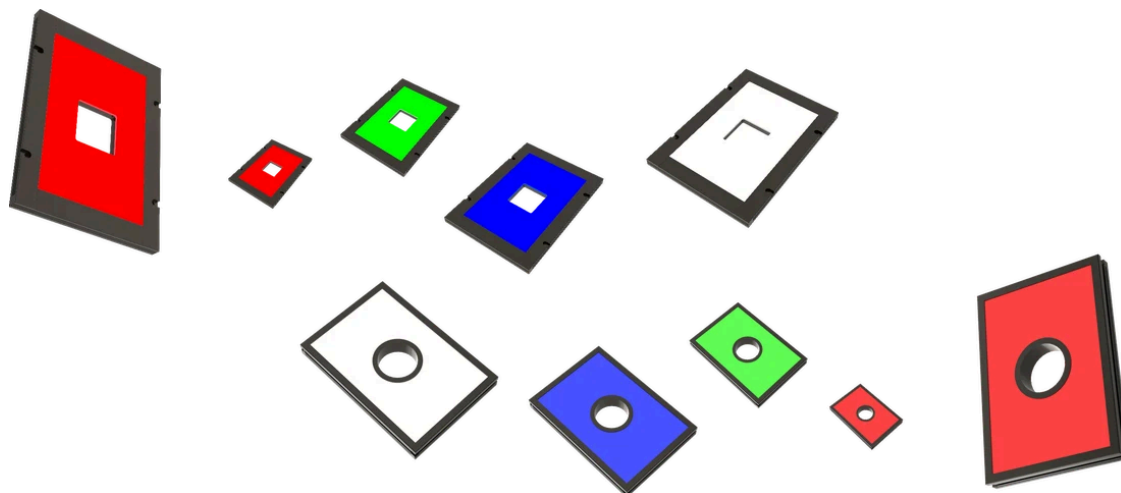


Flank Back Light with Hole (FCK series)

LS-FCK series · Backlights · 6 models



Edge-lit backlight (LED + light-guide plate) with a central through-hole so the camera looks through the light onto the part below; square (T) or round (D) hole, 9.5 mm thick.

Features

- Ultra-thin design, with customizable hole size, shape, dimension and position.
- Achieves uniform illumination over a large area.
- High-precision, large-area product size measurement using parallel backlighting.

Applications

- Large size product positioning, high uniformity recognition scenarios, various size measurements, transmission-based detection of presence/absence.
- PCB board fiducial mark positioning
- Keyboard character inspection
- Electronic product QR code detection
- Chip quantity inspection

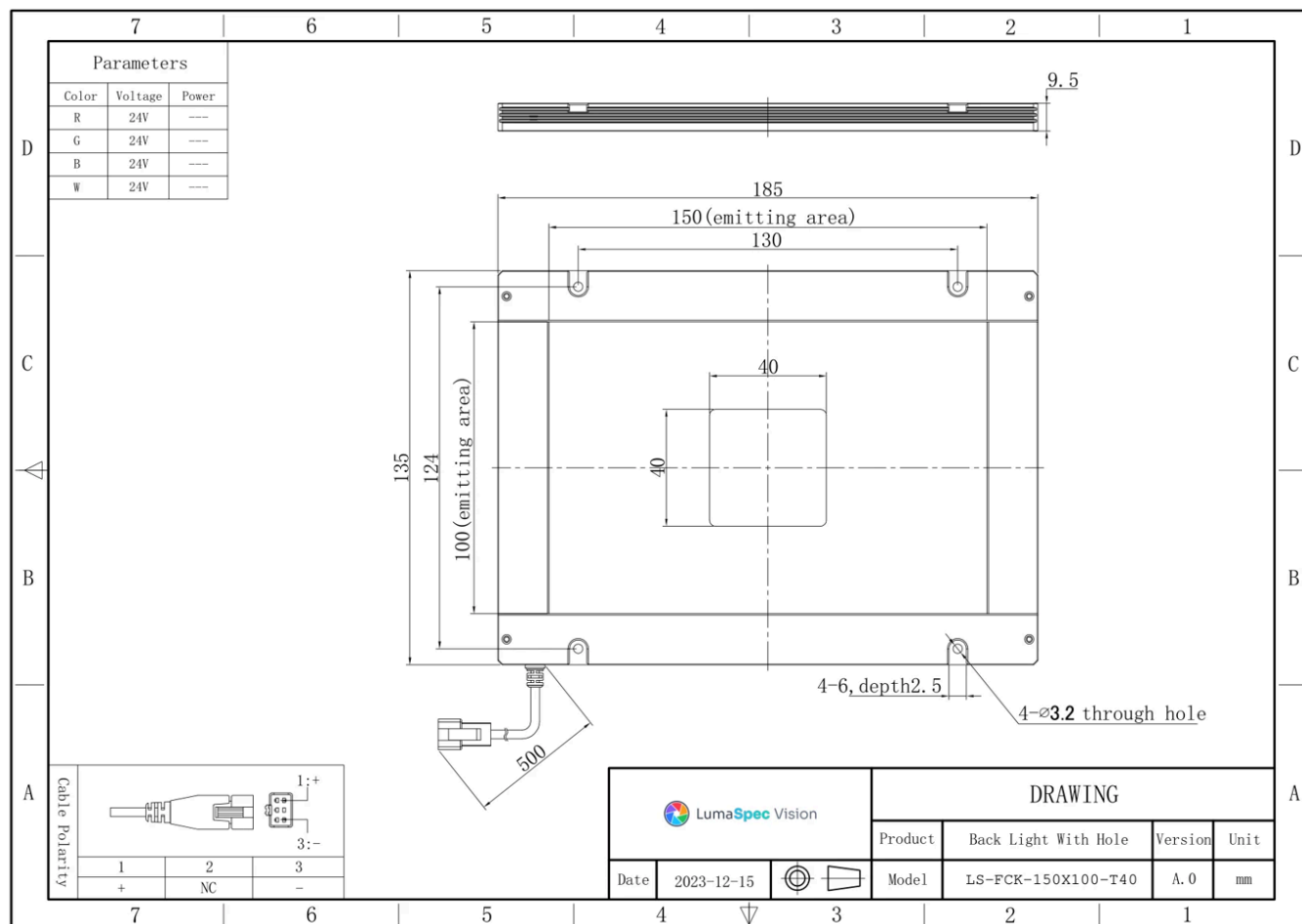
Common specifications

Voltage (V)	24
Colours	Red, Green, Blue, White
Thickness (mm)	9.5
Mounting	X- Φ 3.2 through holes (installation); 4-6 depth 3
Cable length (mm)	500

Models

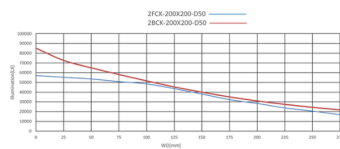
Model	Power R (W)	Power W/B/G (W)	Hole size (mm)	Emitting area (mm)	Outer size L x W x H (mm)
LS-FCK-150X100-T40 colours: Red, Green, Blue, White	7.4	11	40x40	150x100	185x135x9.5
LS-FCK-200X200-T40 colours: Red, Green, Blue, White	11.7	17.5	40x40	200x200	235x235x9.5
LS-FCK-250X200-T45 colours: Red, Green, Blue, White	13.4	20	45x45	250x200	285x235x9.5
LS-FCK-400X300-D50 colours: Red, Green, Blue, White	21.4	32	Φ50	400x300	435x335x9.5
LS-FCK-350X350-T40 colours: Red, Green, Blue, White	18.8	28	40x40	350x350	385x385x9.5
LS-FCK-600X400-D50 colours: Red, Green, Blue, White	36.2	54	Φ50	600x400	635x435x9.5

Dimensions



Performance

Illumination Property Diagram



Uniformity (Relative Irradiance)

