

Side Flat Backlights Illumination - BFCK Series

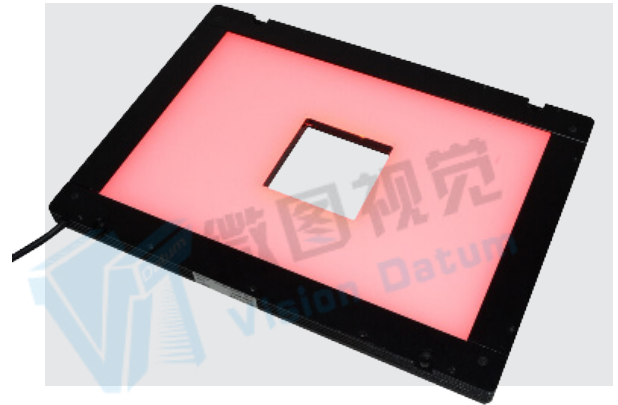
Front flat lighting with an opening in the center

Features

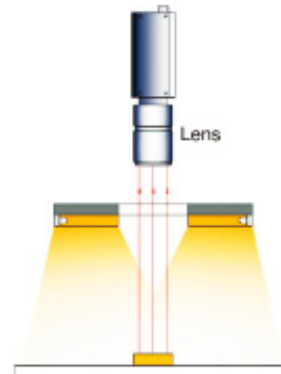
- The camera can penetrate through the central opening of the lights
- The emitting area, the lights color, the number and size of the holes, all can be customized.

Applications

- Large size PCB parts inspection and recognition.
- Mark point position
- Large size electronic part inspection.



Illumination Structure



Examples of Bottom Flat Backlights Images



Light: BFCP150100R
Imaging of zipper teeth

Lights: BFCP250200B
Imaging of plastic parts for location.

Common Specifications

Input voltage	24 VDC
Wavelength range	Red: 620-630nm; Blue: 460-475nm; Green: 520-530nm;
Color temperature (white)	5800-7500K
Operating environment (indoor)	Temperature: 0~40°C Humidity: 20% to 85% RH (with no condensation)
Life time	White:30,000hrs, Red: 60,000hrs (Depends on the operating environment, not a guarantee)
Case material	Aluminum alloy, Resin

Explanation of Model Code

VT-LT2-BFCK	100	100	(W/B/G/R)
Series	Emitting Length	Emitting Width	Color

Model No.	Optical spec.		Electrical specifications (NIR / UV Accept custom)			Dimensions			Hole Size
	Light Area		Supply Voltage (v)	Power cons.(w) ●	Power cons. (w) ● ○ ●	Length (mm)	Width (mm)	Height (mm)	Aperture (mm)
Length (mm)	Width (mm)								
VT-LT2-BFCK150100	150	100	24	4.2	10.3	185	135	9.5	40×40(square)
VT-LT2-BFCK200200	200	200	24	16.1	24.0	235	235	9.5	40×40(square)
VT-LT2-BFCK250200	250	200	24	6.9	16.8	285	235	9.5	45×45(square)
VT-LT2-BFCK350350	350	350	24	20.7	36.7	385	385	9.5	40×40(square)
VT-LT2-BFCK400300	400	300	24	11.5	24.0	435	335	9.5	Ø50(circle)
VT-LT2-BFCK600400	600	400	24	12.1	36.0	635	435	9.5	Ø50(circle)

Dimension (mm)

