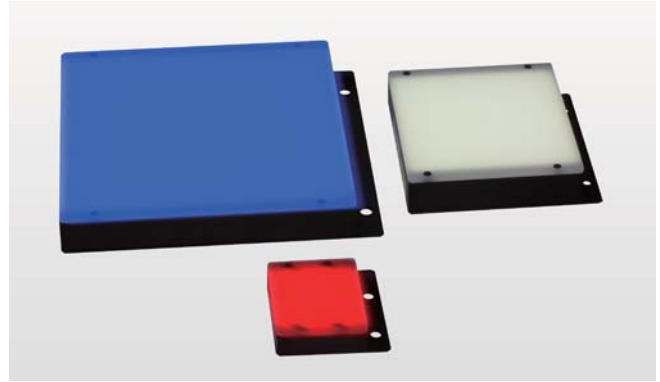


Direct Backlights (Chip Mount Type)

CV-FL Series



- Densely packaged chip LEDs in thin chassis (Height: 15 mm)
- Provides diffuse area lighting



Sample Images

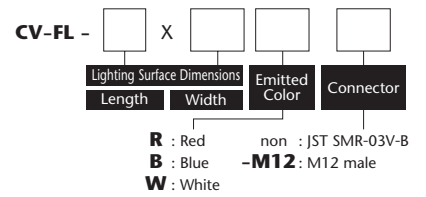


Cutter Disc Roundness Check

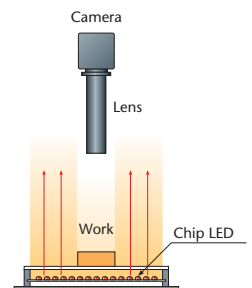


Candle Size Measurement

Explanation of Model Code



Illumination Structure

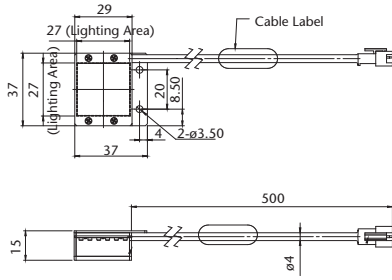


Model	Emitted Color	Power (W)	External Dimensions (mm)			Lighting Surface (mm)		Weight (g) *	Accessories
			Length	Width	Thickness	Length	Width		
CV-FL-27X27R	● Red	0.6	37	37	15	27	27	35	CV-LC-FL-27X27
CV-FL-27X27B	● Blue	1.4	37	37	15	27	27	35	
CV-FL-27X27W	○ White	1.5	37	37	15	27	27	35	
CV-FL-51X51R	● Red	4.5	61	61	15	51	51	70	CV-LC-FL-51X51
CV-FL-51X51B	● Blue	5.9	61	61	15	51	51	70	
CV-FL-51X51W	○ White	6.3	61	61	15	51	51	70	
CV-FL-63X60R	● Red	1.2	73	70	15	63	60	85	CV-LC-FL-63X60
CV-FL-63X60B	● Blue	3.4	73	70	15	63	60	85	
CV-FL-63X60W	○ White	3.2	73	70	15	63	60	85	
CV-FL-83X75R	● Red	4.7	85	95	15	75	83	110	CV-LC-FL-83X75
CV-FL-83X75B	● Blue	7.2	85	95	15	75	83	110	
CV-FL-83X75W	○ White	6.9	85	95	15	75	83	110	
CV-FL-100X100R	● Red	3.5	110	112	15	100	100	160	CV-LC-FL-100X100
CV-FL-100X100B	● Blue	10.4	110	112	15	100	100	160	
CV-FL-100X100W	○ White	9.9	110	112	15	100	100	160	
CV-FL-230X230R	● Red	25.0	240	268	15	230	230	760	CV-LC-FL-230X230
CV-FL-230X230B	● Blue	24.0	240	268	15	230	230	760	
CV-FL-230X230W	○ White	24.2	240	268	15	230	230	760	

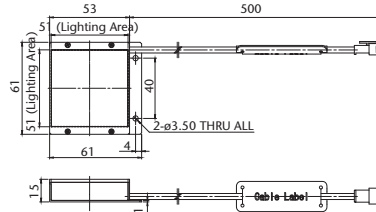
* LED Controller on P.185

* It is weighted 15g more in case "M12".

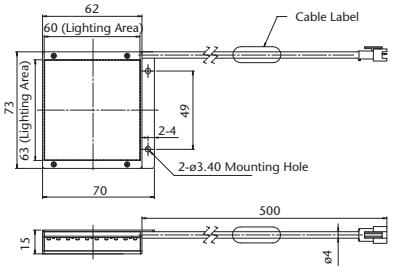
CV-FL-27X27R (B,W)



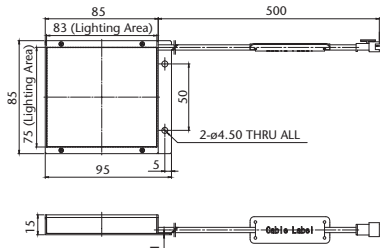
CV-FL-51X51R (B,W)



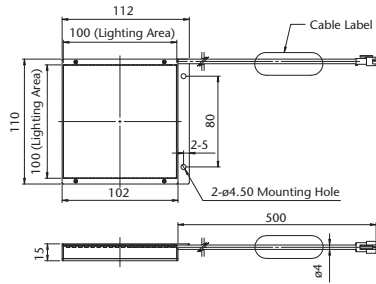
CV-FL-63X60R (B,W)



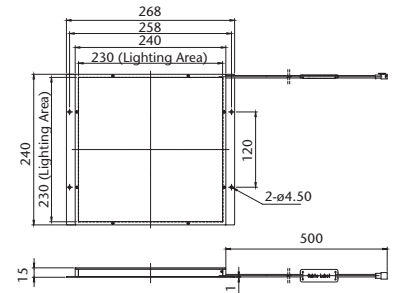
CV-FL-83X75R (B,W)



CV-FL-100X100R (B,W)

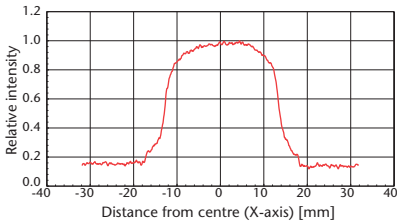


CV-FL-230X230R (B,W)

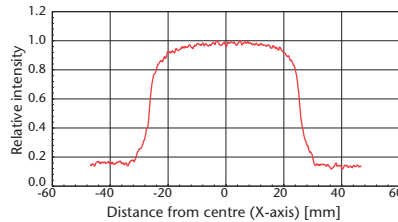


Light Distribution Characteristics

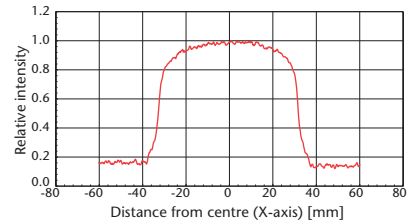
CV-FL-27X27W



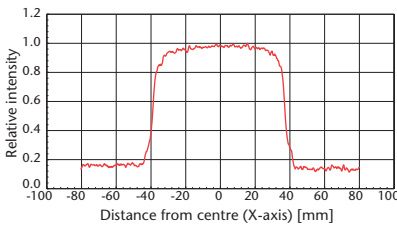
CV-FL-51X51W



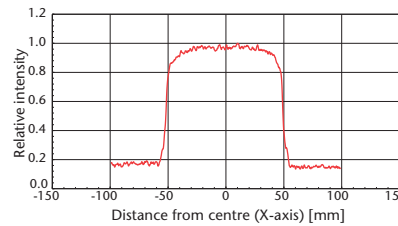
CV-FL-63X60W



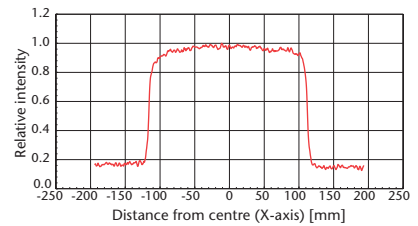
CV-FL-83X75W



CV-FL-100X100W



CV-FL-230X230W

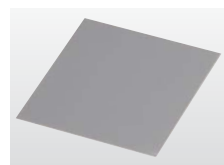


Applications

- Alignment inspection on specular surfaces, including wafers, metal surfaces, film, liquid crystal, and glass
- PCB pattern work

Accessories

Light Control Plate



(P.190)

CV-LC-FLxxx

To be mounted on the top of the LED lighting using the screws provided. To collimate the light from the flat light so as to produce a sharper edged image.