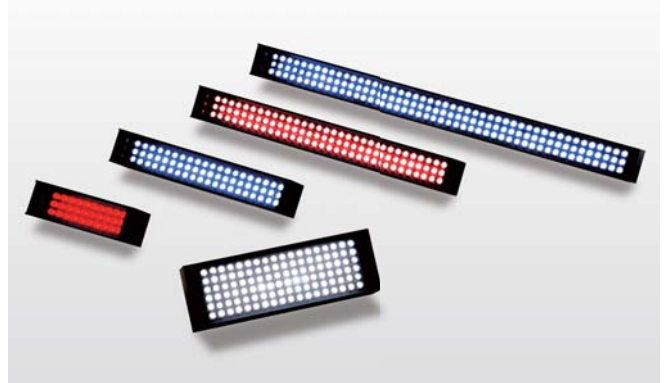


Bar Illumination CV-BA Series



- High-intensity LED block array
- Can be directed at any angle to the surface for either direct brightfield or optimal oblique darkfield lighting

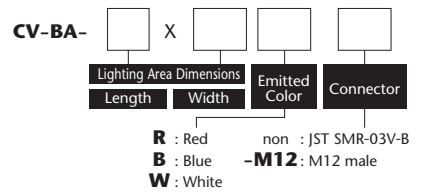


Sample Images

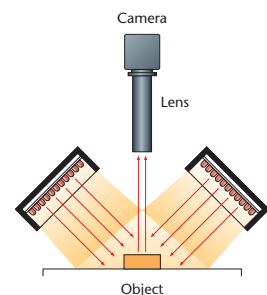


Character on Flexible Ribbon Cable Silkscreen Printing on Faceplate

Explanation of Model Code



Illumination Structure

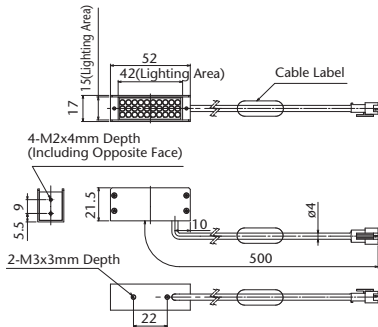


Model	Emitted Color	Power (W)	External Dimensions (mm)			Emitting Area Dimensions (mm)		Weight (g) *	Accessories
			Length	Width	Height	Length	Width		
CV-BA-42X15R	● Red	0.8	52	17	21.5	42	15	35	CV-DF-BA-42X15 CV-PL-BA-42X15
CV-BA-42X15B	● Blue	1.4	52	17	21.5	42	15	35	
CV-BA-42X15W	○ White	1.5	52	17	21.5	42	15	35	
CV-BA-74X27R	● Red	1.8	86	29	18.5	74	27	110	CV-DF-BA-74X27 CV-PL-BA-74X27
CV-BA-74X27B	● Blue	3.9	86	29	18.5	74	27	110	
CV-BA-74X27W	○ White	3.8	86	29	18.5	74	27	110	
CV-BA-82X15R	● Red	0.7	92	17	21.5	82	15	45	CV-DF-BA-82X15 CV-PL-BA-82X15
CV-BA-82X15B	● Blue	2.8	92	17	21.5	82	15	45	
CV-BA-82X15W	○ White	2.7	92	17	21.5	82	15	45	
CV-BA-130X15R	● Red	1.0	140	17	21.5	130	15	65	CV-DF-BA-130X15 CV-PL-BA-130X15 CV-SP-BA-130X15
CV-BA-130X15B	● Blue	4.5	140	17	21.5	130	15	65	
CV-BA-130X15W	○ White	4.4	140	17	21.5	130	15	65	
CV-BA-200X15R	● Red	1.7	204	17	21.5	194	15	80	CV-DF-BA-200X15 CV-PL-BA-200X15 CV-SP-BA-200X15
CV-BA-200X15B	● Blue	6.8	204	17	21.5	194	15	80	
CV-BA-200X15W	○ White	7.2	204	17	21.5	194	15	80	

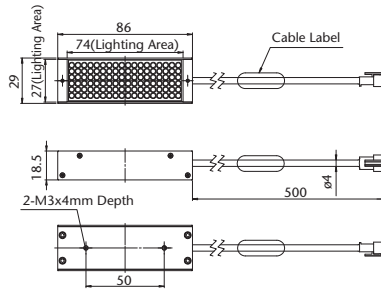
* LED Controller on P.185

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

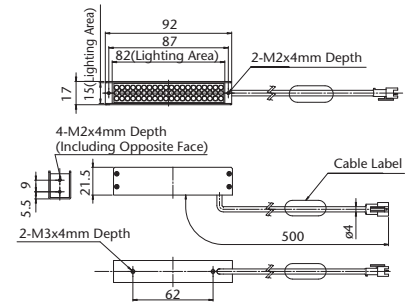
CV-BA-42X15R (B,W)



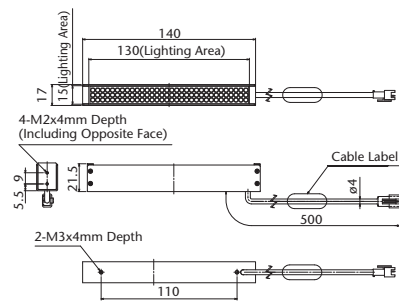
CV-BA-74X27R (B,W)



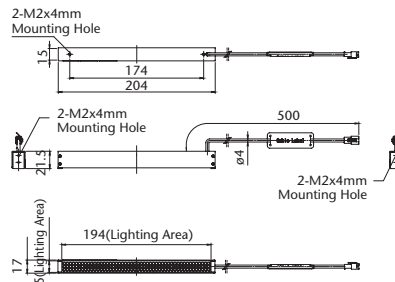
CV-BA-82X15R (B,W)



CV-BA-130X15R (B,W)

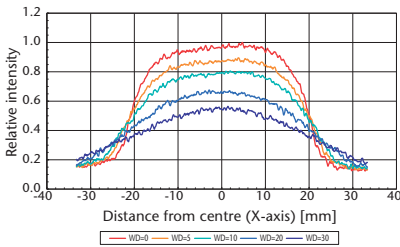


CV-BA-200X15R (B,W)

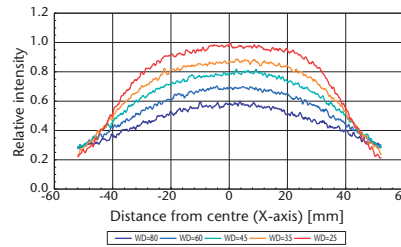


Light Distribution Characteristics

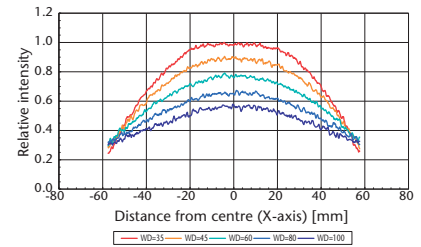
CV-BA-42X15W



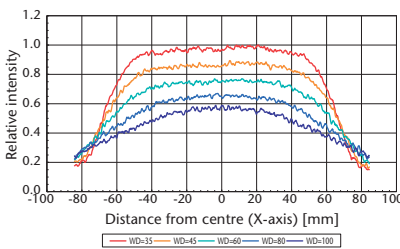
CV-BA-74X27W



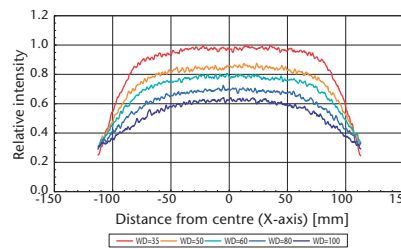
CV-BA-82X15W



CV-BA-130X15W



CV-BA-200X15W



Applications

- IC marking inspection, inspection of components on glass substrates
- Dirt inspection on cap sides and inside surfaces
- Wafer appearance inspection
- Solder inspection and connector pitch inspection
- Inspection, etc. of BGA, QFP, etc.

Accessories

Diffusion Plate



(P.189)

CV-DF-BAxxx

To be mounted in front of the LED lighting using screws provided. Used to soften the lighting output, so as to reduce the glares on specular surface.

Polarizer



(P.189)

CV-PL-BAxxx

To be mounted in front of the LED lighting using screws provided. Used together with a polarizer filter lens in front of the camera as a set. It helps to reduce glare.