

Four sides bar light

NV-BRF series



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Four sides bar light is combined with four bar lights, can be adjusted to any angle between 0 - 90°.



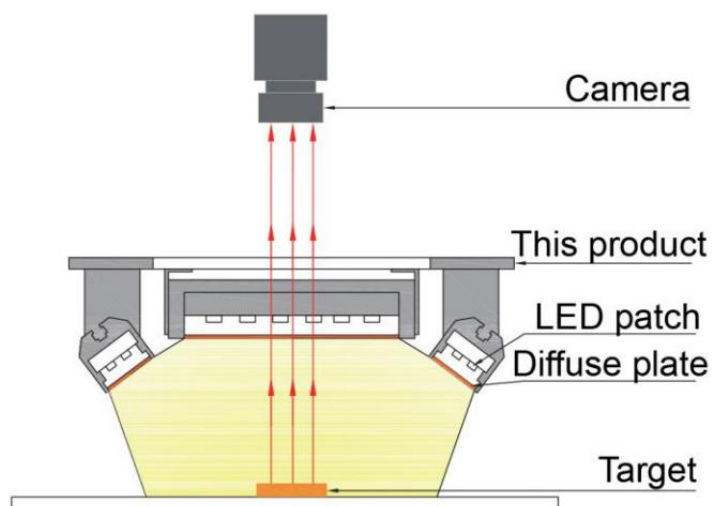
Features

- ◇ Arbitrary combination between 0-90°
- ◇ Optional different transmittance diffused plate, to improve the uniformity of light.
- ◇ Adopted wave-soldering technology, make the installation easier
- ◇ Control the highbrightness and emitting angle respectively

Application Areas

- ◇ Inspect the general appearance of large dimensions
- ◇ Inspect the package defects
- ◇ Inspect the defects of large size LCD panels
- ◇ Inspect the flatness & the true position of connector
- ◇ Inspect the surface scratches, marks, breakages , margins, etc.

Illumination constructure



Selection Guide

NV	BRF-	**	**	R/G/B/W
New vision	Four sides bar light	Length of emitting area	Width of single emitting side	Color

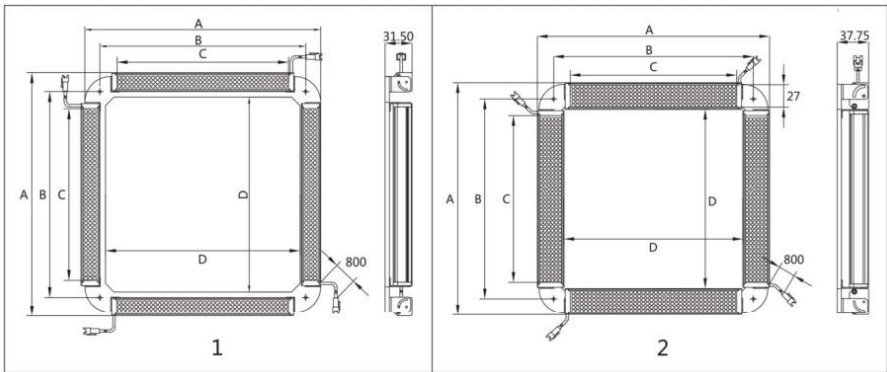
Technical Index

Color (Wavelength)	Red:620-630nm	Green:525-530nm	Blue:465-470nm
	White color temperature 6600-7000K	UV:365-395nm	IR:850/940nm
Operating environment	Temperature: 0 to 5 0°C,Humidity:20% to 85% RH		
Life time	100,000hrs theoretical service time(Depends on the operating environment, not a guarantee.)		
Compatible Controller	Analog Controller, Digital Controller, Constant Current Controller		
Optional Accessory	1.Lights source and lens adaptor.		
	2.Diffusion plate,Polarizing plate. (Opational transmittance:60%,70%,80%,90%)		
	3.Extension cable:1m/2m/5m/10m/15m(2 kinds of materials of the shell of wire:PVC of hardness; silicone of softness.)		
Warranty	One year warranty,Free samples and technical support(buyers pay for the freight)		
Lights customization	Provide design and development service according to individual needs of customers.To reach the best image effects.		

Light parameters(voltage is 24V)

Mold	Model	Color (R/G/B/W)	Power(W)		Dimentions				Quantity of row	Pic. No.
			Output 	Output 	A	B	C	D		
Four sides bar light (3 rows)	NV-BRF4417-		3.2W	4.9W	107	83	57	44	3	1
	NV-BRF5317-		3.48W	5.28W	116	92	53	66	3	
	NV-BRF9017-		5.8W	8.8W	166	142	90	116	3	
	NV-BRF13217-		8.7W	13.2W	200	155	132	146	3	
	NV-BRF20317-		13.34W	20.24W	266	220	203	216	3	
Four sides bar light (6 rows)	NV-BRF4027-		6.6W	10.2W	112	72	40	58	6	2
	NV-BRF7227-		8.12W	12.32W	152	112	72	88	6	
	NV-BRF13027-		13.44W	21.12W	216	158	130	146	6	
	NV-BRF15027-		16.24W	24.64W	236	175	150	166	6	
	NV-BRF20027-		21.46W	32.56W	280	230	200	216	6	
	NV-BRF40027-		43.5W	66W	486	428	400	416	6	

Installation diagram



Applications

Inspect the outlook of cards

Model: NV-BRT20027-W

Use combined bar lights, illuminate from 0-90°uniformly, so the scratches and the dents can be seen obviously.



Inspect the auto parts

Model: NV-BRF30027-W

Use combined bar lights, illuminate from 0-90°uniformly, so the scratches and the dents can be seen obviously.

