

High Uniform Bar Light

NV-BRT series



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High uniform bar light are combined with high density LED patch array, work with diffused plate achieve a more uniform illuminating area, can be widely used to more situations conveniently, easy and flexible installation.



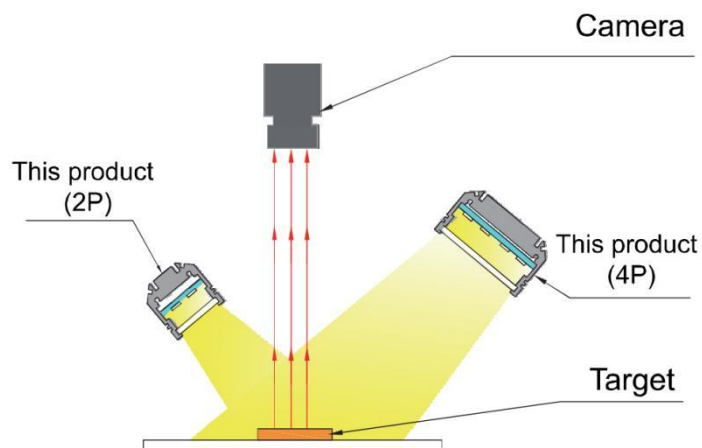
Features

- ◇ High density LED patch array
- ◇ Diffuse board is optional, increase the uniformity of lights
- ◇ Use wave-soldering technology, nuts on the back can move any distance, make the installation easier
- ◇ Mold was designed in form, available be cut in any dimensions
- ◇ Good heat dissipation

Application Areas

- ◇ Inspect the general appearance of huge products
- ◇ 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	BRT	##	17/27	R/G/B/W/UV/IR
New vision	Bar Light	Length of emitting area	Width of emitting area	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 50°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 or 48V)

Mold	Model	Color (R/G/B/W)	Power(W)		Dimentions		Quantity of row	Installation picture Number
			Output 	Output 	Emitting length A	Emitting width B		
High uniform bar light	NV-BRT5017-		0.8W	1.1W	50	17	2	1
	NV-BRT8017-		1.3W	2.1W	80	17	2	
	NV-BRT10017-		1.7W	2.4W	100	17	2	
	NV-BRT13017-		1.8W	2.9W	130	17	2	
	NV-BRT15017-		2.4W	3.6W	150	17	2	
	NV-BRT20017-		3.3W	4.8W	200	17	2	
	NV-BRT30017-		4.8W	7.2W	300	17	2	
	NV-BRT60017-		9.6W	14.4W	600	17	2	
	NV-BRT100017-		1.61W	25W	1000	17	2	
	NV-BRT130017-		20.9W	32.2W	1300	17	2	
	NV-BRT150017-		24.2W	37W	1500	17	2	
	NV-BRT200017-		32.2W	50W	2000	17	2	
High uniform bar light	NV-BRT4527-		1.3W	1.8W	45	27	3	2
	NV-BRT7027-		2.2W	2.8W	70	27	3	
	NV-BRT10027-		2.9W	4.2W	100	27	3	
	NV-BRT15027-		4.3W	6W	150	27	3	
	NV-BRT20027-		5.7W	7.7W	200	27	3	
	NV-BRT30027-		8.7W	11.6W	300	27	3	
	NV-BRT40027-		11.6W	15.6W	400	27	3	
	NV-BRT60027-		17.3W	23.3W	600	27	3	
	NV-BRT80027-		23W	31W	800	27	3	
	NV-BRT100027-		28.7W	38.7W	1000	27	3	
	NV-BRT130027-		37.4W	50.3W	1300	27	3	
	NV-BRT150027-		43.1W	58W	1500	27	3	
	NV-BRT200027-		57.4W	77.4W	2000	27	3	
All the models above are basic models in our industry :we use 3M mould, any dimensions within 3M can be customized.								

Notes: all the lights adopt 24V output voltage, please inform us in advance to custom if you want 12V.