

Line Scan Light
NV-LN series



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High brightness line scan light was constructed by high brightness, high density, high power LED particles array, combined with columnar lens and optical coating to achieve more uniform illumination. We adopted aluminum magnesium alloy integrated forming design to make shells, added more heat radiating grooves and air cooling devices, offered good condition for the stable use of high brightness LED particles.



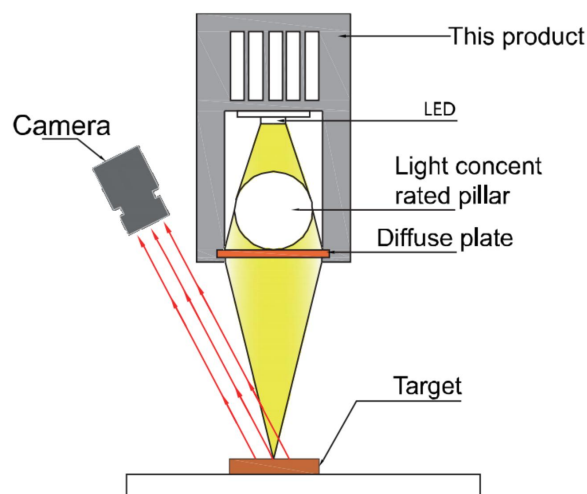
Features

- ◇ High brightness, high density LED array
- ◇ Diffuse plate and optical coating of different transmittance are optional
- ◇ Adopt reflow soldering technology, easier installation, compact design
- ◇ Mold was designed in form, available to be cut in any dimensions
- ◇ Good heat dissipation

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	LN	##	R/G/B/W
New vision	Line Scan Light	Length 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		NV-LU Series DOME line scan light
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 Length of emitting area A	Number of rows	Pic. No.
			Output 	Output 			
Line Scan Light	NV-LN75-		10W	16W	22	1	1
	NV-LN120-		15W	24W	22	1	
	NV-LN225-		25W	40W	22	1	
	NV-LN300-		35W	56W	22	1	
	NV-LN375-		48W	52W	22	1	
	NV-LN525-		60W	96W	22	1	
	NV-LN450-		72W	78W	22	1	
	NV-LN600-		70W	112W	22	1	
	NV-LN578-		63W	99W	22	1	2
	NV-LN900-		105W	168W	22	1	
	NV-LN1100-		115W	184W	22	1	
	NV-LN1200-		140W	224W	22	1	
	NV-LN1300-		150W	240W	21	1	
	NV-LN1400-		160W	256W	21	1	
	NV-LN1500-		175W	280W	21	1	
	NV-LN2015-		235W	376W	21	1	

The length tjis mold is 4M,all the emitting areas those are multiples of 75mm are customizable.Plaease contact us for more details.

Installation diagram

The pictures below are for high brightness, large size line light; Pictures for small size line light please contact us.

