

DOME Linel/Area Light

NV-LU/LUC series



DOME Linel/Area Light NV-LU/LUC series

Flat adopted stretch mould design, easy installation and high efficiency in heat dissipation from bottom and sides. High transmission rate material improved the uniformity of light, it makes the design of thinner lights and more dimensions of lights more conveniently. Fit those cases of not high requirements and low costs especially.



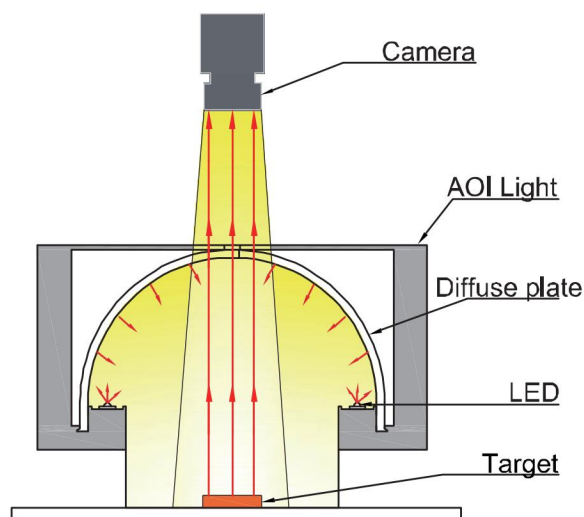
Features

- ◇ High intensity, high density LED array
- ◇ Use reflow-soldering technology, multiple installation modes, compact design.
- ◇ Arc mold was designed in form, good heat dissipation
- ◇ Multi angle emitting, both high intensity and uniform

Application Areas

- ◇ Inspect the general appearance of huge products
- ◇ Inspect glass, paper, film
- ◇ Inspect the surface scratches, marks, breakages, margins, etc.
- ◇ Inspect the concavoconvex, point, line, scratches on the surface

Illumination constructure



Selection Guide

NV	LU	##	R/G/B/W
New vision	DOME Line Light	Length of emitting area	Color

NV	LUC	##	R/G/B/W
New vision	DOME Area Light	Length of emitting area	Color

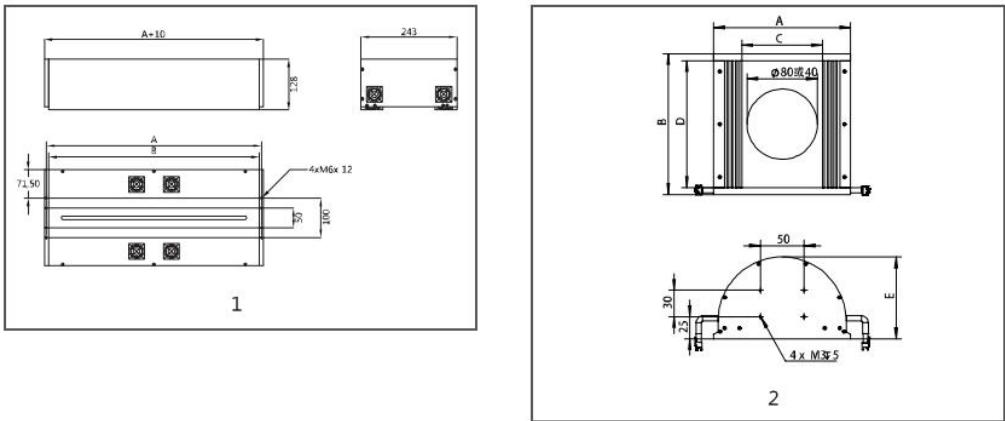
Technical Index

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		
Optional Accessory	1. Fan		
	2. Optical control film, diffuse plane (Opotional transmittance: 60%, 70%, 80%, 90%); Can make back light		
	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)		
Certificates	CE ROHS ISO9001 ISO14001		

Light parameters(voltage is 24V or 48V)

Mold	Model	Color (R/G/B/W)	Power(W)		Dimentions			Picture Number
			Output 	Output 	A	B	Rows No.	
Line DOME Light	NV-LU225-		50W	80W	235	225	2	1
	NV-LU300-		70W	112W	310	300	2	
	NV-LU525-		120W	192W	535	525	2	
	NV-LU602-		140W	224W	612	602	2	
Area Mid-hole DOME Light	NV-LUC160-		30W	50W	156	160	2	2
	NV-LUC205-		36W	58W	156	205	2	
	NV-LUC285-		41W	60W	156	285	2	
	NV-LUC362-		51W	68W	156	362	2	

Installation diagram



Applications

- ◇ Inspect the surface defects of paper
- ◇ Model: NV-LU300-R
- ◇ Aim at inspect large surface with rapid detection speed. Uneven surface requires multi-direction and uniform illumination, the DOME line scan light can meet the requirements appropriately.

