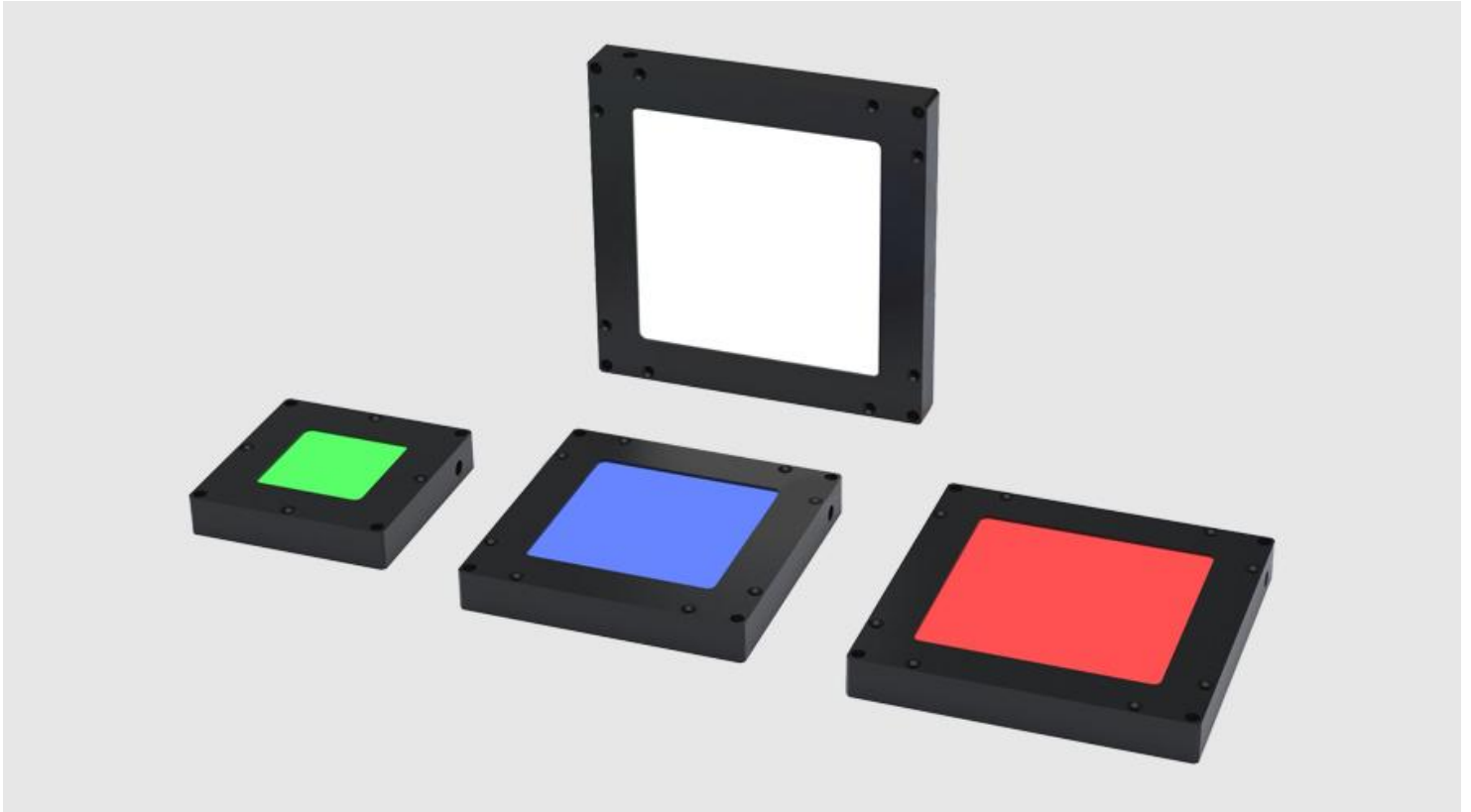


Flat Light
NV-THC series



Flat Light NV-THC 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.



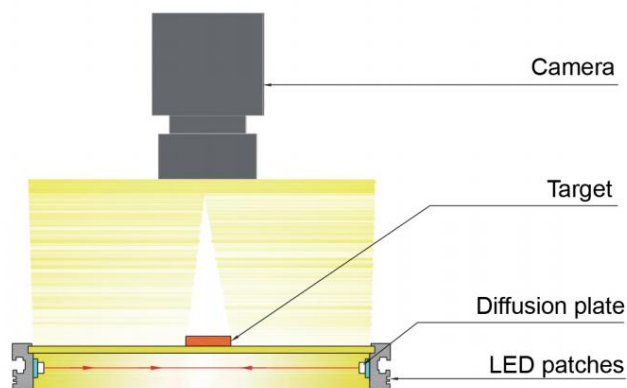
Features

- ◇ Available to be combined to multi sizes of emitting area
- ◇ Adopted reflow soldering technology, easier installation from sides
- ◇ Developing new dimensions faster, high uniformity, high cost-effective
- ◇ Lighter, thinner, larger heat dissipation area.

Application Areas

- ◇ Inspect the height of liquid level and liquid impurities
- ◇ Inspect the products outline and the distance between products
- ◇ Inspect the fuse wire, the height of connector terminal, and the flatness
- ◇ Inspect the defects of outside edge
- ◇ Inspect the defects of outside dimensions under uniformity illumination with large area

Illumination constructure



Selection Guide

NV	THC-	**	**	R/G/B/W
New vision	Back Light	Length of emitting area	Width of emitting area	Color

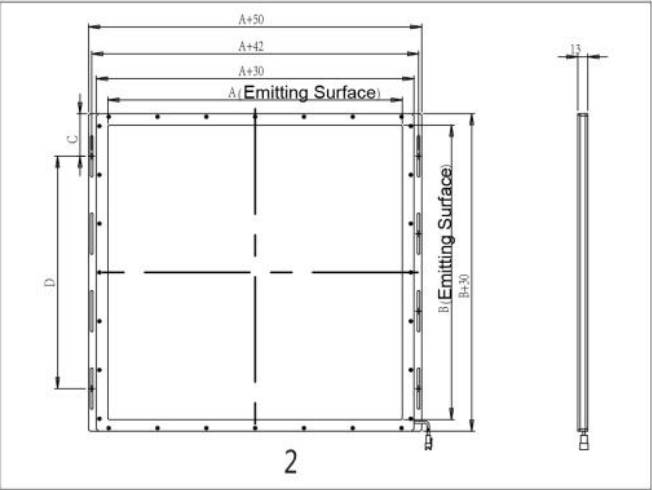
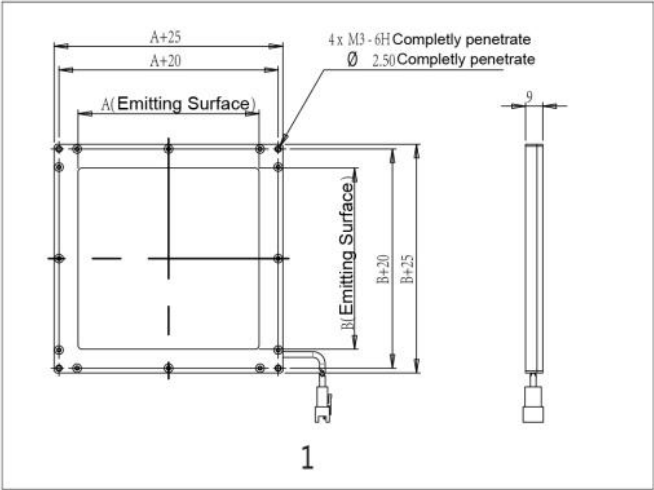
Technical Index

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℃,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. (Opotional 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
			Output 	Output 	A	B	C	D	
Flat Light	NV-THC3030		0.48W	1.44W	30	30	46	7	1
	NV-THC5050		0.96W	2.88W	50	50	45	22.5	
	NV-THC7575		1.44W	4.32W	75	75	45	30	
	NV-THC100100		1.92W	5.76W	100	100	70	30	
	NV-THC125125		2.4W	7.2W	125	125	95	30	
	NV-THC150150		2.88W	8.64W	150	150	120	30	
	NV-THC150100		2.6W	8.3W	150	100	120	30	
	NV-THC200100		2W	5.76WW	200	100	170	30	
	NV-THC200200		3.84W	11.52W	200	200	170	30	2
	NV-THC320160		5.1W	15.3W	320	160	150	30	
	NV-THC300300		5.76W	17.28W	300	300	270	30	
	NV-THC400300		7.6W	18.72W	400	300	370	30	
	NV-THC600400		15.2W	37.44W	600	400	570	30	

Installation diagram



Applications

- ◇ Inspect the distance between connectors

Model:NV-THC7070-R

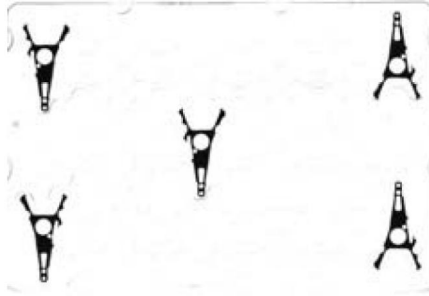
Use the high uniformity of light to make the distance between connectors can be seen quite clearly.



- ◇ Inspect the number of product boxing

Model:NV-THC320160-R

Utilize the high uniformity of light to make the position of target can be seen quite clearly, large illumination area,high uniformity, high cost-effective.



- ◇ Inspect the bubble in medical bottle caps

Model:NV-THC7070-IR

Utilize the high penetrating and high uniformity of our light to find where are the bubbles.

