

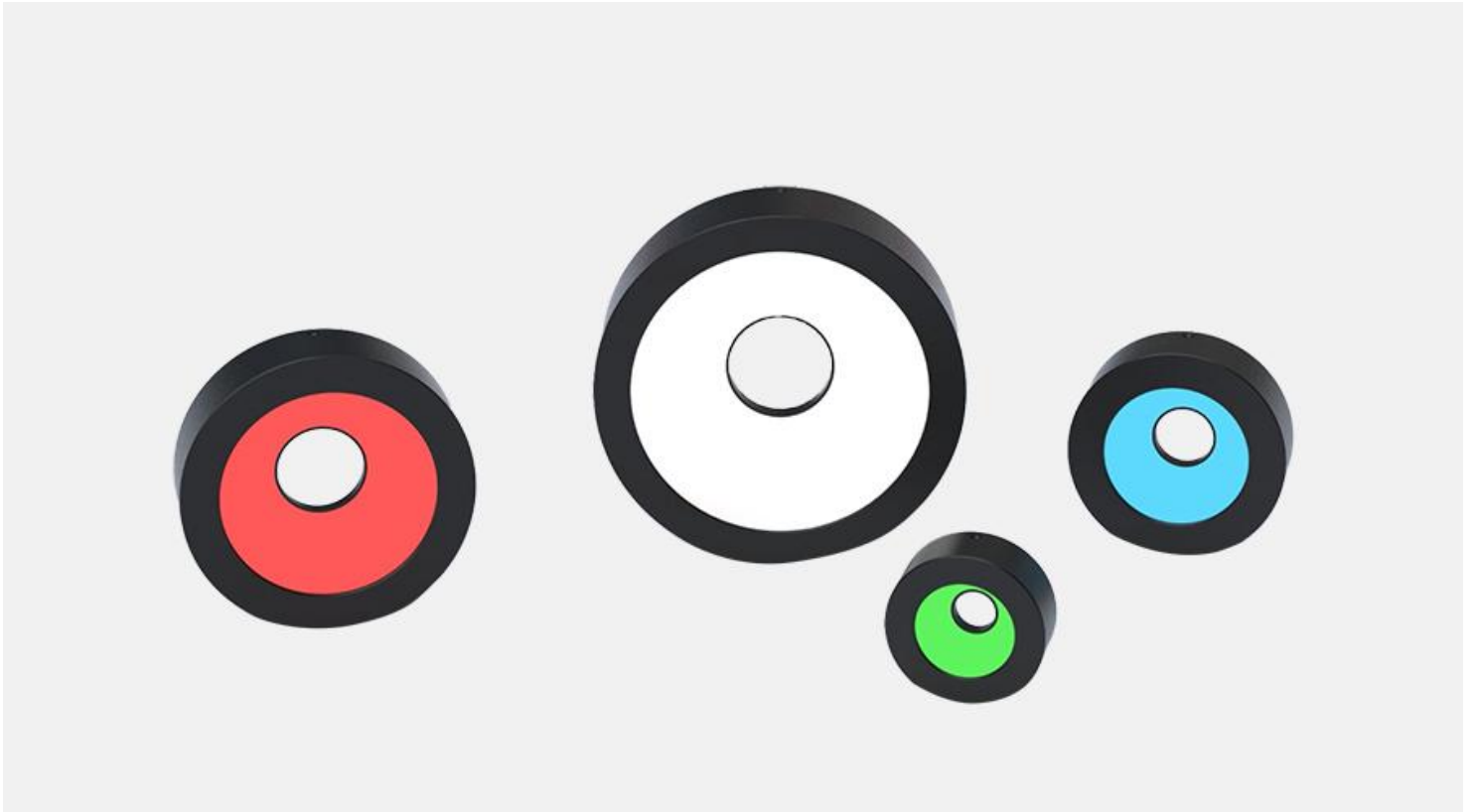
Multi-direction shadowless ring light

NV-FDM Series



Multi-direction shadowless ring light NV-FDM Series

LED particles multi-direction shadowless ring light emitting from all around, the light go through high rate global light guide panel, formed uniform and multi-direction diffused light, avoided the shadow on reflection surface effectively.



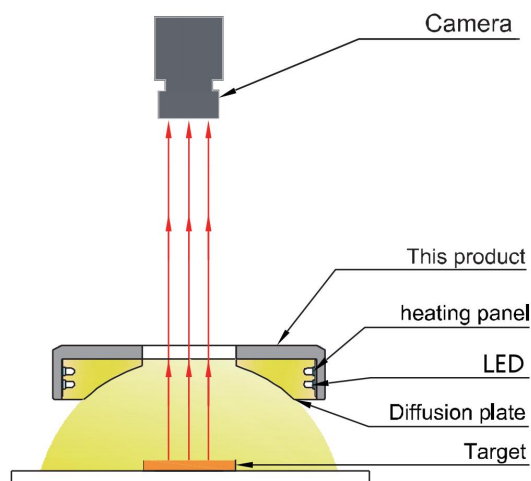
Features

- ◇ Adopted area emitting, high uniform, high working distance
- ◇ Various size customizable, can be combined with coaxial light
- ◇ Uniformly emitting, no light spot
- ◇ Adopted reflow soldering technology, easy installation, compact design

Application Areas

- ◇ Inspect the defect on cigarette case surface
- ◇ Inspect general appearance and microscope illumination
- ◇ Inspect the scratches, marks, breakages of surface and edges
- ◇ Inspect the easy-reflective surface

Illumination constructure



Selection Guide

NV	FDM	##	R/G/B/W
New vision	Low Angle Shadowless Ring Light	Outside Diameter	Color

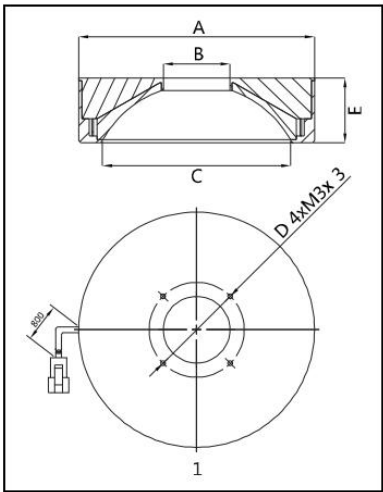
Technical Index

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 or 48V)

Mold	Model	Color (R/G/B/W)	Power(W)		Dimentions					Pic. No.
			Output 	Output 	A	B	C	D	E	
Multi-direction shadowless ring light	NV-FDM50-		0.58W	0.83W	50	13	30	35	20	1
	NV-FDM70-		0.68W	1.1W	74	20	49	36	24	
	NV-FDM90-		0.93W	2.3W	94	28	70	76	27	
	NV-FDM120-		1.45W	2.6W	124	35	99	76	34	

Installation diagram



Applications

- ◇ Inspect the reflective curved surface
- ◇ Model: NV-FDM70-R
- ◇ Curved mental surface is easy reflective, require uniform illumination to avoid reflection and shadow, multi-direction shadowless light can meet this requirement quite well.

