

Multi-angle Ring Light

RNMU Series

3LINH	Line scan illumination
3LNL	
3LIN	
2LINS	
2LIN	
2COXL	
2LINM	
SDL	
STL	Structured light
RN	
RNH	
SRN	Ring illumination
HPR	
FPR	
DML	
LFR	
3DM	
2DM	
LFX	
FPQ	Shadowless illumination
RIH	
DL	
3BRH	
2BR	
2BRS	
2BRM	
3COH	
3CON	
COXR	
3COX	
COPA	
HSL	
2SL	
SL	
RNMU	Coaxial illumination
AOI	
2FTB/2FTR	
FTC	
2FT/3FT	
2PFT/3PFT	
LIP	
IP	Waterproof illumination
IR	Infrared light
UV	Ultraviolet light
Custimized	Custimized
PS	
PD	
2DRC	
3STU	
APC	
DPC	
2APC	
DPA	
2ACC	
2DPC	
Area scan	
Line scan	Lenses
Controller	

- ◆ Multiple angle can be controlled independently, compact structure.
- ◆ Can customized that multiple color can be controlled independently.



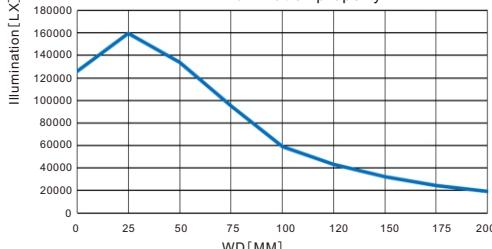
Applications Glass surface scratch inspection, multiple characteristics of the microscope inspection

Illumination property diagram

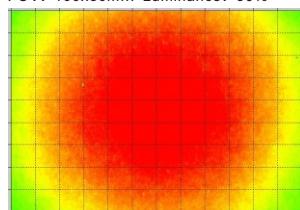
Uniformity (Relative irradiance)

Model: LTS-RNMU225-W

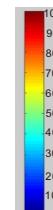
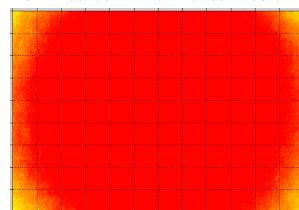
WD-Illumination property



FOV: 100x80mm Luminance: 60%

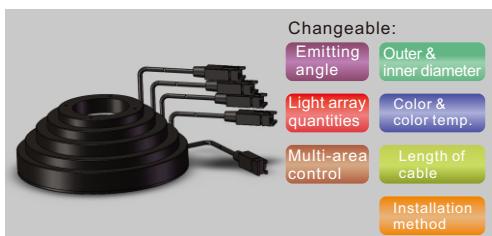


FOV: 100x80mm Luminance: 100%



*Above diagram only for reference.

→ Customized

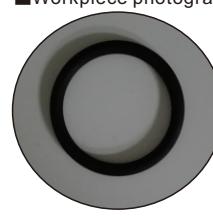


→ Imaging instance: defect inspection



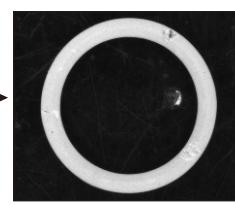
Content	defect inspection
Workpiece	rubber gasket
Light model	LTS-RNMU225-B
Result	defect extracted

■ Workpiece photograph



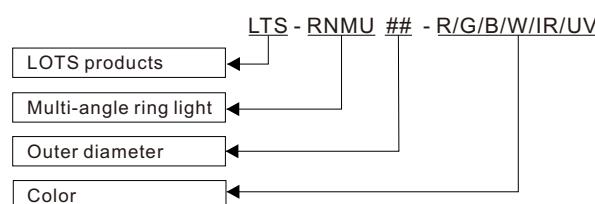
Defect inspection

■ LTS-RNMU225-B



Whiten the rubber gasket, blacken the defect.

→ Coding rule



<http://www.lotsmv.com>

Customized color

On-site technical support

Sample free rent service

Multi-angle Ring Light

RNMU Series

→ Light parameters

Product	Model	Voltage	Power	Color	Peak wavelength / color temperature	Weight	Option	Adapted controller	Dimension	Communication	Remark
Multi-angle ring light	LTS-RNMU75	24V	17.3W	(R G B W)	Red: 620-630nm Green: 525-530nm Blue: 465-470nm White: 6600K (color temperature)	229 g	—	Strobe controller (P146) Analog controller (P152) Digital controller (P159)	1	Y	
	LTS-RNMU120	24V	8.9W	(W)	456 g				2	Y	
	LTS-RNMU150	24V	28.1W	(W)	480 g				3	N	
	LTS-RNMU203	24V	16.8W	(W)	1474 g				4	N	
	LTS-RNMU225	24V	26.6W	(W)	1689 g				5	Y	

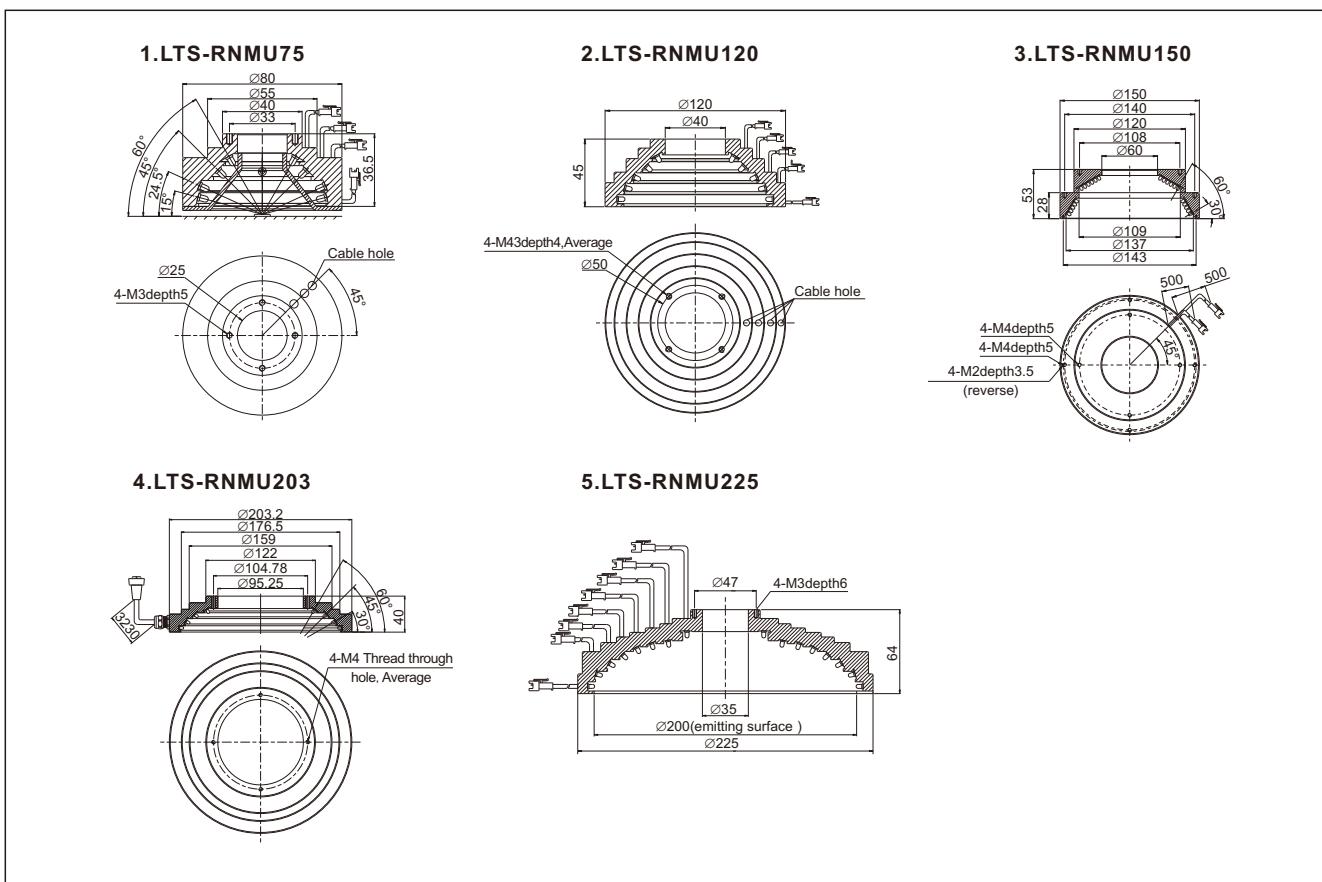
* UV & IR light can be customized as required.

- ★ 1) Operating environment: Temperature 0-50°C, Humidity 20-85% (Non-condensation)
- 2) Life-span: 50000h(Reduce 50% luminance of factory default)
- 3) Value-added service: One year free technical support, sample free rent

- ※ 1) PVC extension cable: high flexibility, bending resistance, high temperature resistance, apply to use inside of device.
- 2) High flexibility extension cable: harder and more abrasive resistance than PVC, apply to drag chain system production line.



→ Boundary dimension(mm)



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3CON	
COKR	
3COX	
COPA	
HSL	
2SL	
SL	
2FTB/2FTR	Bar illumination
FTC	
2FT/3FT	
2PFT/3PFT	
LIP	
IP	
IR	
UV	
Customized	Multi-angle illumination
PS	Back illumination
PD	
2DRC	
3STU	
APC	
DPC	
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2ACC	
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Area scan	
Line scan	
Lenses	

