

Multi-angle ring light (RNMU)

LS-RNMU series · Custom lights · 5 models



Compact ring light whose angles can be controlled independently; can be customized so that multiple colours are controlled independently.

Features

- Multiple angles controlled independently, compact structure
- Can be customized for multiple independently controlled colours

Applications

- Glass surface scratch inspection
- Multiple characteristics under microscope inspection
- Imaging example: defect inspection on a rubber gasket (LS-RNMU225-B)

Colours

R	620-630 nm
G	525-530 nm
B	465-470 nm
W	6600 K

Common specifications

Voltage	24 V
Adapted controller	Strobe controller, analog controller, digital controller
Customizable	emitting angle, outer and inner diameter, light array quantities, colour and colour temperature, multi-area control, cable length, installation method
Operating temperature	0-50 °C
Operating humidity	20-85% (non-condensing)
Life span	50000 h (to 50% of factory-default luminance)

Extension cable options	PVC extension cable (high flexibility, bending and heat resistant, for use inside equipment) or high-flexibility extension cable (harder and more abrasion resistant than PVC, for drag-chain production lines)
Custom wavelengths	UV & IR light can be customized as required

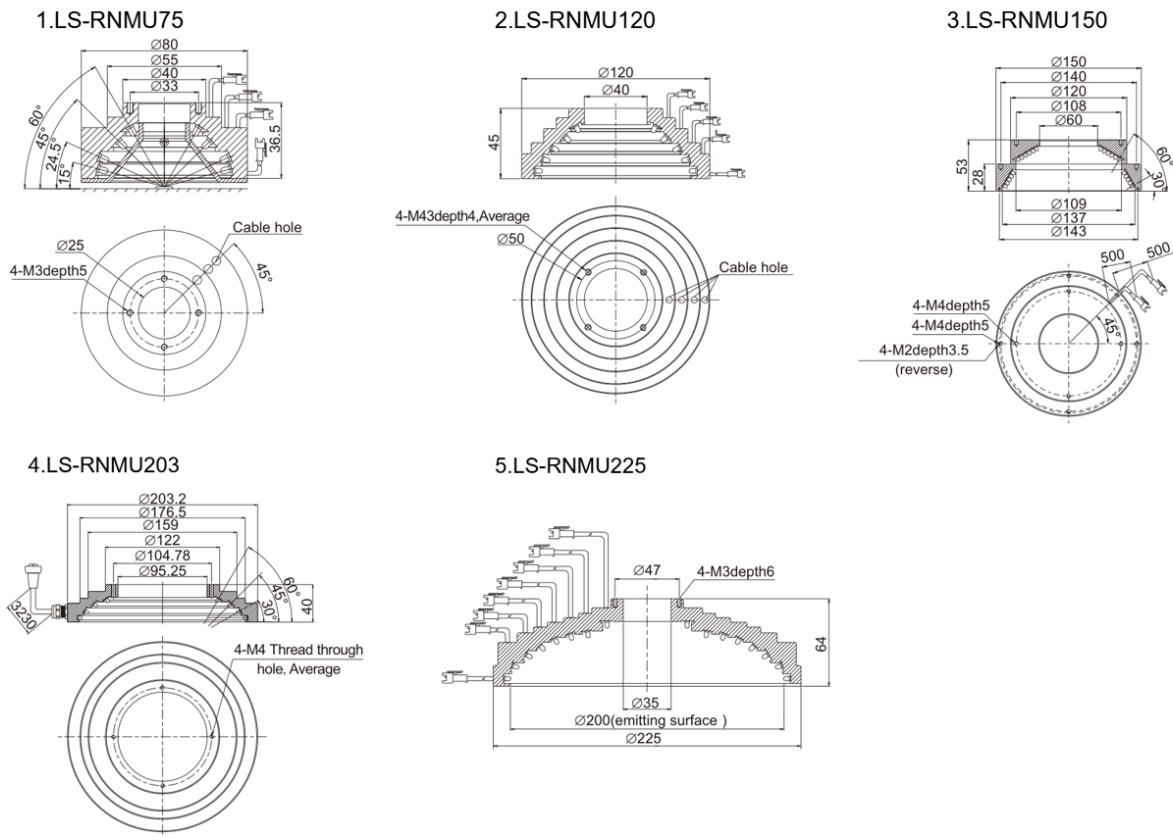
Ordering code: LS-RNMU<outer diameter>-<R/G/B/W/IR/UV>

Models

Model	Power (W)	Weight (g)	Outer dia. (mm)	Height (mm)	Inner (aperture) dia. (mm)	Mounting	Dimension drawing
LS-RNMU75 colours: R, G, B, W	17.3	229	80	36.5	33	4-M3 depth 5 on dia. 25	1
LS-RNMU120 colours: W	8.9	456	120	45	40	4-M3 depth 4 on dia. 50 (printed '4-M43depth4')	2
LS-RNMU150 colours: W	28.1	480	150	53	60	4-M4 depth 5, 4-M2 depth 3.5 (reverse)	3
LS-RNMU203 colours: W	16.8	1474	203.2	40	95.25	4-M4 thread through hole	4
LS-RNMU225 colours: W	26.6	1689	225	64	35	4-M3 depth 6 on dia. 47	5

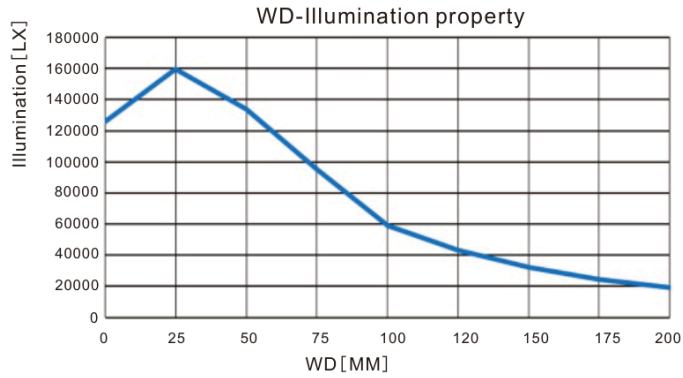
More values per model (Common, Ring angles (deg), Emitting dia. (mm)) are on each product page.

Dimensions

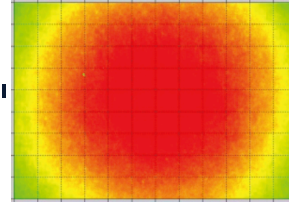


Performance

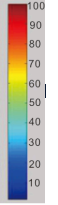
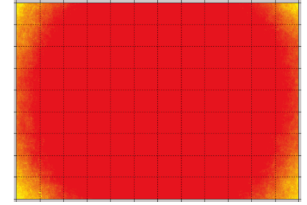
Model: LS-RNMU225-W



FOV: 100x80mm Luminance: 60%



FOV: 100x80mm Luminance: 100%



*Above diagram only for reference.