

Multi-channel sequencing light source (HRM series)

LS-HRM series · Custom lights · 6 models

The light is divided into 4-8 zones that light in turn; one image is taken per lighting, so one cycle gives 4 or 8 images.

Features

- Light divided into 4-8 illumination zones
- Each zone lights in sequence, in turn
- One shot per lighting; one cycle outputs 4 or 8 images



Applications

- Metal surface scratch inspection
- Plastic shell surface pit inspection
- Metal housing press-mark inspection
- Hardware surface defect inspection
- Hardware cylinder surface bulge inspection
- Plastic housing surface press-mark inspection
- Eliminating film reflection
- Eliminating background interference

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm

UV

365-405 nm

Common specifications

Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K
Wavelength IR	850-940 nm
Wavelength UV	365-405 nm
Storage temperature	20 to 60 °C
Operating temperature	0 to 40 °C
Humidity	20-85 %RH (non-condensing)
Optional accessories	Extension cable
Controller	LS-TPS24120C-8TD
Service life (red)	60000 h continuous at 25 °C, 50% illumination, to 50% decrement
Service life (white)	30000 h continuous at 25 °C, 50% illumination, to 50% decrement
Warranty	1 year from shipment (faults not caused by the user: free repair or replacement)

Ordering code: LS-HRM<outer diameter mm>-<R/G/B/W> (e.g. LS-HRM116-W)

Models

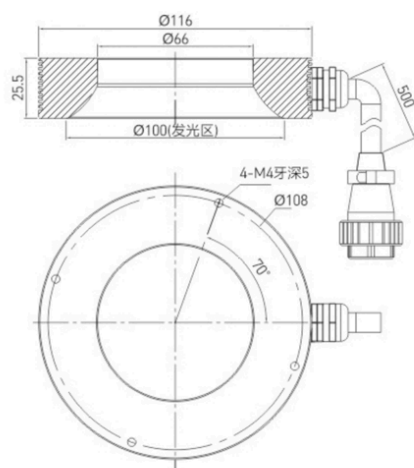
Model	Power R (W)	Power G/B/W (W)	Zones	Overall OD (drawing, mm)	Overall ID (drawing, mm)	Emitting area (drawing)	Mounting (drawing)
LS-HRM116W/R/G/B-4 colours: W, R, G, B	68	90	4	116	66	dia. 100	4-M4 depth 5 on dia. 108
LS-HRM116W/R/G/B-8 colours: W, R, G, B	45	90	8	116	66	dia. 100	4-M4 depth 5 on dia. 108
LS-HRM166W/R/G/B-4 colours: W, R, G, B	90	135	4	166	116	dia. 150	4-M4 depth 5 on dia. 158
LS-HRM166W/R/G/B-8 colours: W, R, G, B	90	135	8	166	116	dia. 150	4-M4 depth 5 on dia. 158
LS-HRM196W/R/G/B-4 colours: W, R, G, B	112	157	4	196	146	dia. 180	4-M4 depth 5 on dia. 188
LS-HRM196W/R/G/B-8 colours: W, R, G, B	135	157	8	196	146	dia. 180	4-M4 depth 5 on dia. 188

More values per model (Matching controller, Overall H (drawing, mm), Cable (drawing)) are on each product page.

Dimensions

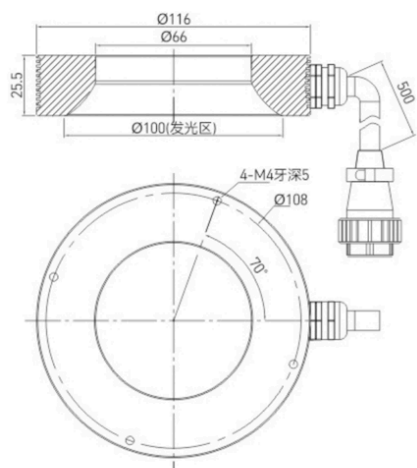
LS-HRM116-4

1



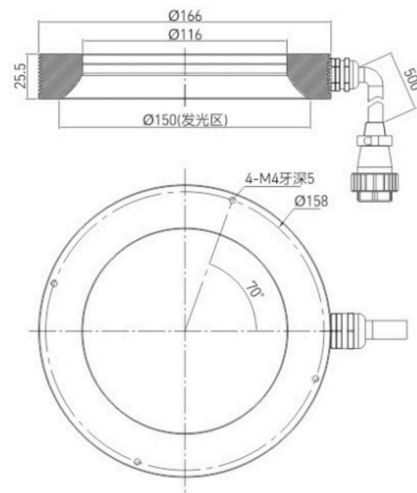
LS-HRM116-8

2



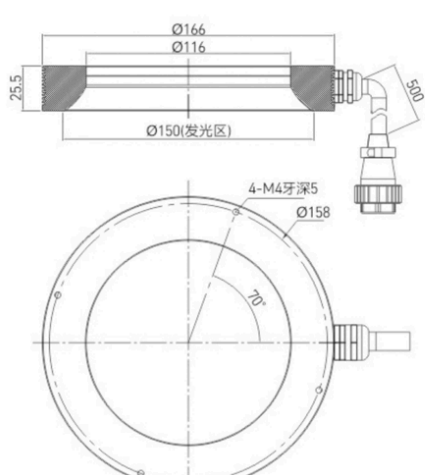
LS-HRM166-4

3



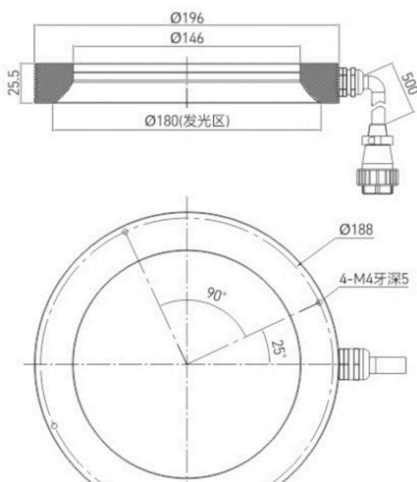
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4



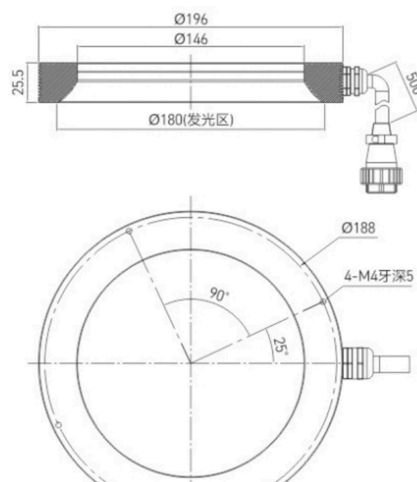
LS-HRM196-4

5

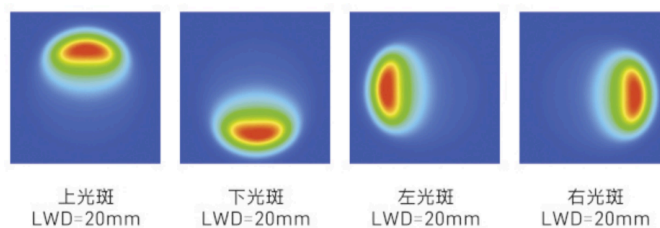
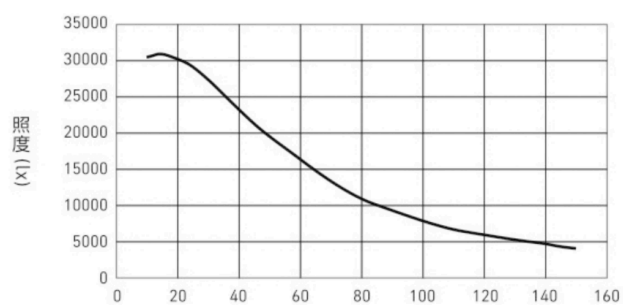


LS-HRM196-8

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Performance



Product views

