

MV-LRSS-H

Shadowless Ring Light

MV-LRSS-H shadowless ring light owns SMD LED with built-in large luminous angles and adopts special diffuse plate included to achieve uniform range irradiation with high degrees of freedom. Multiple specifications are available.



Key Features

- Provides high uniformity illumination.
- Supports various sizes of outer diameter.

Applicable Industry

Character recognition, color recognition, printing detection, incomplete and dirt detection.

Naming Rule

MV - LRSS - H - 80 - *

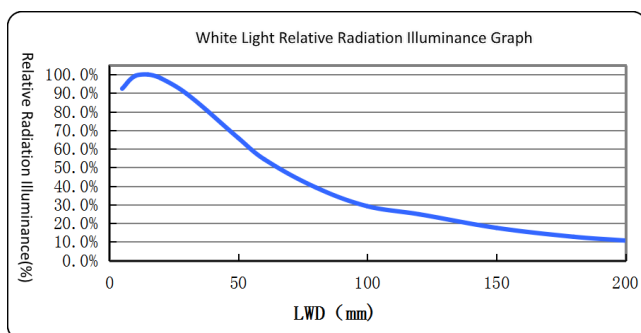
LRSS: shadowless ring light

H: Hikrobot style series

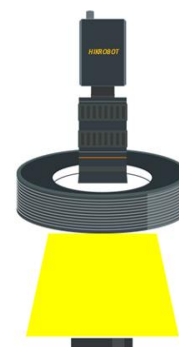
80: dimension (mm)

*****: color

Relative Radiation Illuminance Curve under White Light



Lighting



Specification

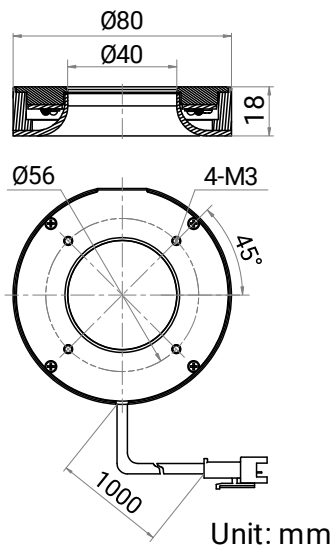
Parameter Model	Performance			Mechanical		
	Color	Center illuminance	Best working distance	Dimension	Bore dimension	Em
MV-LRSS-H-80-W	White	≥ 14000 Lux @ WD=100 mm	30 mm to 50 mm	Φ80 mm × 18 mm	Φ40 mm	Φ60
MV-LRSS-H-120-W	White	≥ 15000 Lux @ WD=100 mm	30 mm to 60 mm	Φ120 mm × 18 mm	Φ75 mm	Φ100
MV-LRSS-H-160-W	White	≥ 18000 Lux @ WD=100 mm	30 mm to 80 mm	Φ160 mm × 18 mm	Φ116 mm	Φ140
MV-LRSS-H-160-R	Red	≥ 6500 Lux @ WD=100 mm	30 mm to 80 mm	Φ160 mm × 18 mm	Φ116 mm	Φ140
MV-LRSS-H-200-W	White	≥ 6500 Lux @ WD=100 mm	30 mm to 80 mm	Φ200 mm × 34 mm	Φ148 mm	Φ180
MV-LRSS-H-250-W	White	≥ 19000 Lux @ WD=100 mm	60 mm to 120 mm	Φ250 mm × 34 mm	Φ190 mm	Φ230
MV-LRSS-H-250-B	Blue	≥ 3800 Lux @ WD=100 mm	60 mm to 120 mm	Φ250 mm × 34 mm	Φ190 mm	Φ230
MV-LRSS-H-300-W	White	≥ 20000 Lux @ WD=100 mm	60 mm to 120 mm	Φ300 mm × 34 mm	Φ248 mm	Φ280

Other Parameters

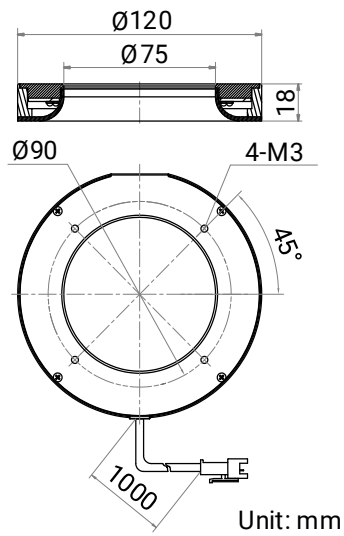
Model	MV-LRSS-H
Performance	
Wavelength	R: 630 nm B: 470 nm
Color temperature	W: 6000K to 7000K
Mechanical	
Cable length	1 m
Cooling mode	Natural cooling
Temperature	Working temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F)
Humidity	20% RH to 90% RH (no condensation)
Diffuse plate included	PMMA

Dimension

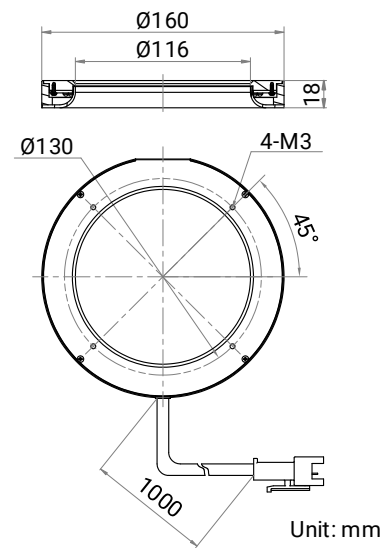
MV-LRSS-H-80-W



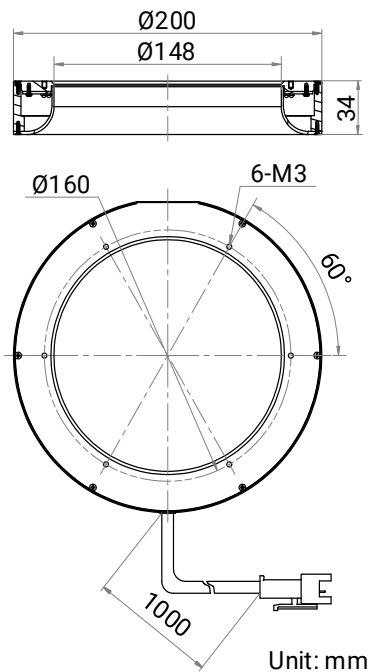
MV-LRSS-H-120-W



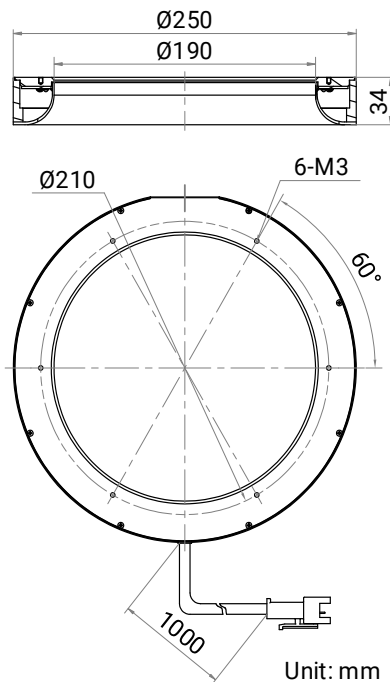
MV-LRSS-H-160-W/R



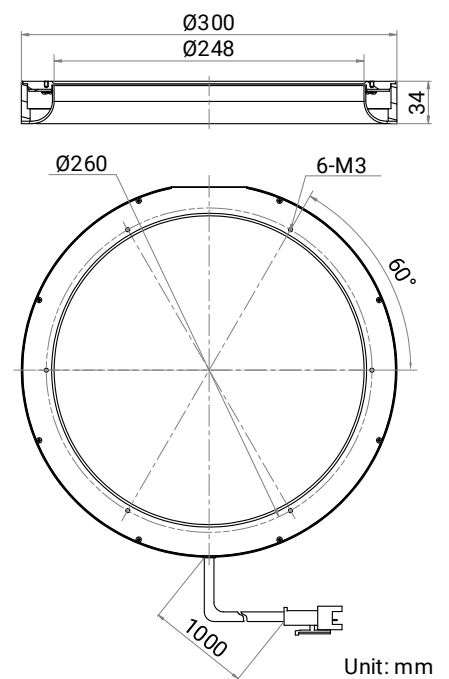
MV-LRSS-H-200-W



MV-LRSS-H-250-W/B



MV-LRSS-H-300-W



HIKROBOT

Hangzhou Hikrobot Co. Ltd.
en.hikrobotics.com

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