

# MV-LRSS-H

## Shadowless Ring-Type Lighting

MV-LRSS-H shadowless ring-type lighting adopts special diffuse plate included, achieve uniform range irradiation with high degrees of freedom, chip LED with built-in large luminous angle, and provide a variety of sizes for selection.



### Key Features

- High uniformity illumination.
- Various sizes of outer diameter for selection.

### Applicable Industry

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

### Naming Rule

#### MV - LRSS - H - 80 - W

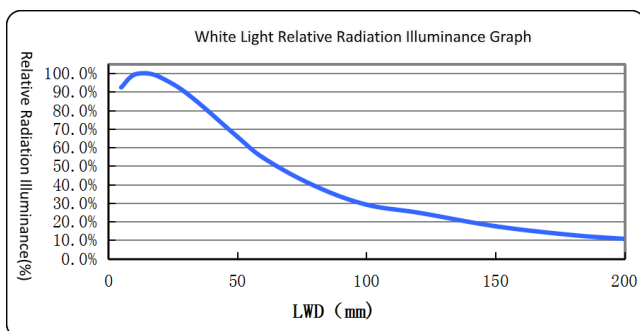
**LRSS**: Shadowless ring-type lighting

**H**: Hik style series

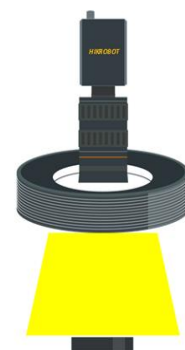
**80**: Outer dimensions(mm)

**W**: Color(White, other customizable)

### White Light Relative Radiation Illuminance Graph



### Lighting Signal



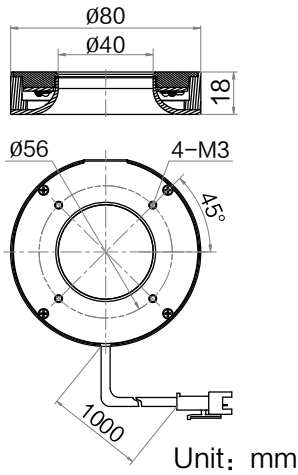
Model	Performance		Mechanical				Electrical feature			
	Color	Best working distance	Dimension	Bore dimensions	Emitting area length	LED rows	Weight	Power consumption	Input voltage	Connector type
MV-LRSS-H-80-W	White	30 ~ 50 mm	Φ80 mm × 18 mm	Φ40 mm	Φ66 mm	1	131 g	8.7 W	24 VDC	SMR-03V-B
MV-LRSS-H-120-W	White	30 ~ 60 mm	Φ120 mm × 18 mm	Φ75 mm	Φ106 mm	1	224 g	13.1 W	24 VDC	SMR-03V-B
MV-LRSS-H-160-W	White	30 ~ 80 mm	Φ160 mm × 18 mm	Φ116 mm	Φ146 mm	1	298 g	17.4 W	24 VDC	SMR-03V-B
MV-LRSS-H-200-W	White	30 ~ 80 mm	Φ200 mm × 34 mm	Φ148 mm	Φ186 mm	1	564 g	21.8 W	24 VDC	SMR-03V-B
MV-LRSS-H-250-W	White	60 ~ 120 mm	Φ250 mm × 34 mm	Φ190 mm	Φ236 mm	1	763 g	26.2 W	24 VDC	SMR-03V-B
MV-LRSS-H-300-W	White	60 ~ 120 mm	Φ300 mm × 34 mm	Φ248 mm	Φ286 mm	1	870 g	30.5 W	24 VDC	SMR-03V-B

### Other Parameter

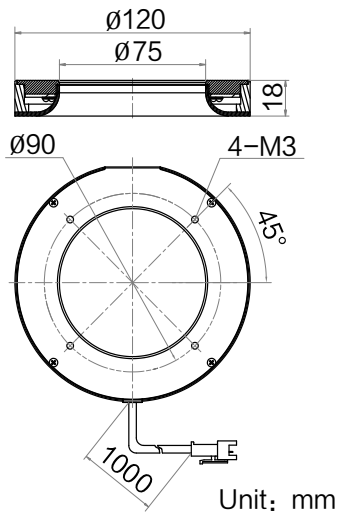
Model	MV-LRSS-H
Parameter	Shadowless Ring-Type Lighting
<b>Performance</b>	
Color temperature	6000 ~ 7000K
<b>Mechanical</b>	
Cable length	1 m
Cooling mode	Natural cooling
Temperature	Working temperature: 0 ~ 40°C Storage temperature: -20 ~ 60°C
Humidity	20 ~ 90%RH, non-condensing
Diffuse plate included	PMMA

## Dimension

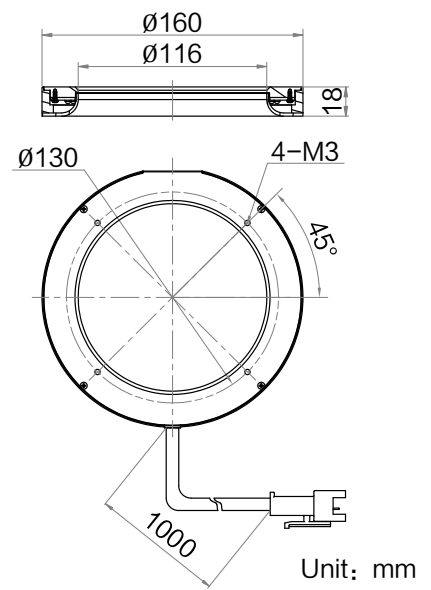
MV-LRSS-H-80-W



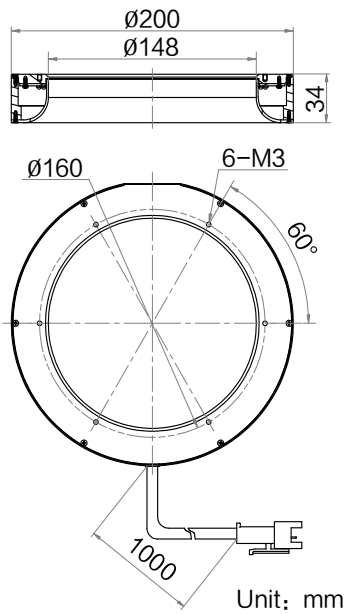
MV-LRSS-H-120-W



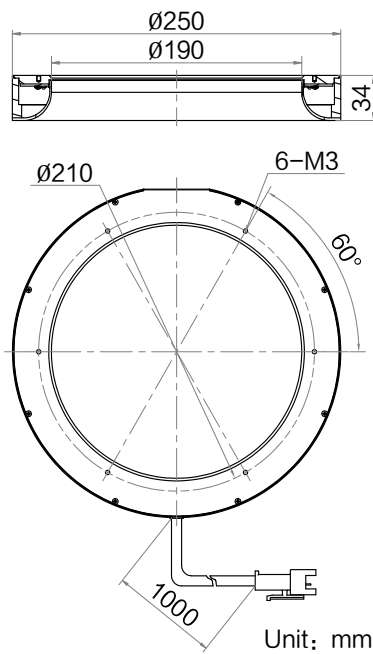
MV-LRSS-H-160-W



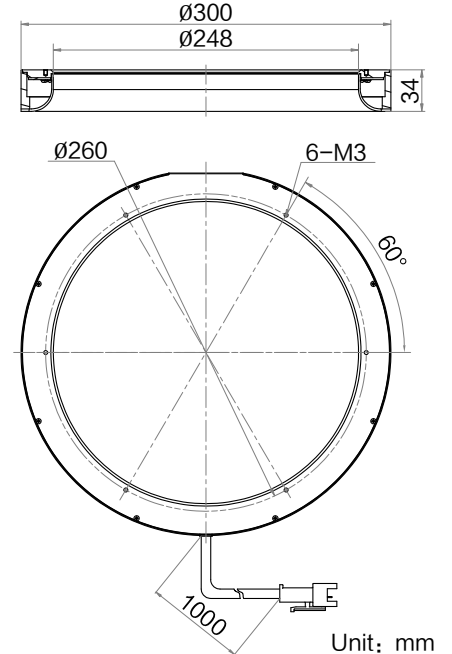
MV-LRSS-H-200-W



MV-LRSS-H-250-W



MV-LRSS-H-300-W



# HIKROBOT

Hangzhou Hikrobot Co. Ltd.  
 en.hikrobotics.com