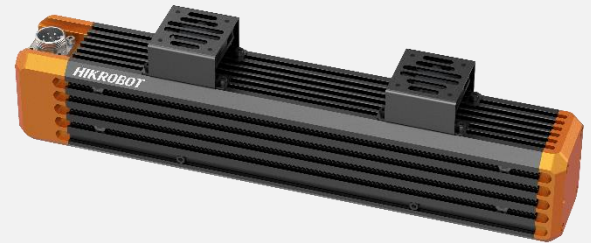


# MV-LTDS-H

## Line-Scan Light

MV-LTDS-H series line-scan lights adopt LED lamp beads with high brightness and high power, featuring flexible installation and efficient focusing. With the combination of structural cooling and fan cooling, every line-scan light offers excellent heat dissipation and service life.



### Key Features

- Provides high-power LED lamp beads combined with a highly focusing structure to achieve the illuminance of up to 1000K lux on the surface of light source.
- Improves the service life of the light source with a cooling fan on the enclosure.
- Supports flexible installation with multi-side nut slots.

### Applicable Industry

Glass surface scratch detection, printed character inspection, phone screen detection, and PCB (printed circuit board) defect detection.

### Naming Rule

**MV - LTDS - H - 100 - W**

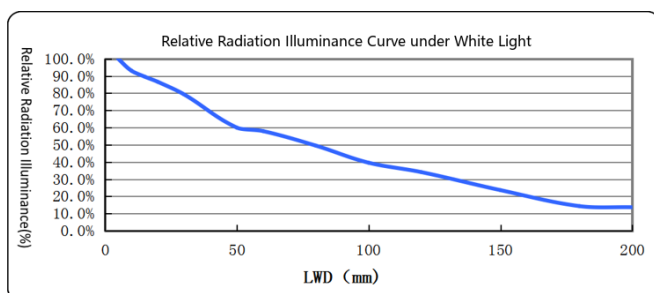
**LTDS**: line-scan light

**H**: Hikrobot style series

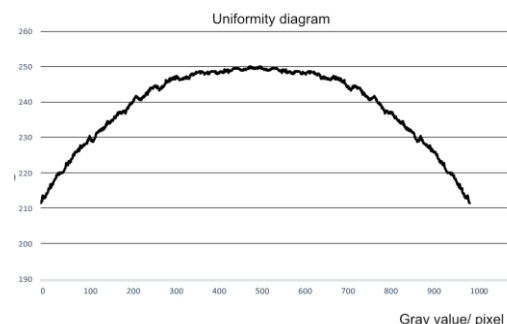
**100**: emitting area length (mm)

**W**: color (white, other customizable)

### Relative Radiation Illuminance Curve



### Uniformity Diagram



### Lighting



## Specification

Model	Performance		Mechanical				Electrical feature		
	Color	Best working distance	Dimension	Emitting area dimension	LED rows	Weight	Power	Input voltage	Connector type
MV-LTDS-H-100-W	White	10 mm to 200 mm	150 mm × 58 mm × 90.5 mm	100 mm × 17 mm	1	1.09 kg	42 W	48 VDC	19M-8H
MV-LTDS-H-200-W	White	10 mm to 200 mm	250 mm × 58 mm × 90.5 mm	200 mm × 17 mm	1	1.6 kg	84 W	48 VDC	19M-8H
MV-LTDS-H-300-W	White	10 mm to 200 mm	350 mm × 58 mm × 90.5 mm	300 mm × 17 mm	1	2.11 kg	126 W	48 VDC	19M-8H
MV-LTDS-H-400-W	White	10 mm to 200 mm	450 mm × 58 mm × 90.5 mm	400 mm × 17 mm	1	2.62 kg	168 W	48 VDC	19M-8H
MV-LTDS-H-500-W	White	10 mm to 200 mm	550 mm × 58 mm × 90.5 mm	500 mm × 17 mm	1	3.14 kg	210 W	48 VDC	19M-8H
MV-LTDS-H-600-W	White	10 mm to 200 mm	650 mm × 58 mm × 90.5 mm	600 mm × 17 mm	1	3.65 kg	252 W	48 VDC	19M-8H
MV-LTDS-H-700-W	White	10 mm to 200 mm	750 mm × 58 mm × 90.5 mm	700 mm × 17 mm	1	4.16 kg	294 W	48 VDC	19M-8H
MV-LTDS-H-800-W	White	10 mm to 200 mm	850 mm × 58 mm × 90.5 mm	800 mm × 17 mm	1	4.68 kg	336 W	48 VDC	19M-8H
MV-LTDS-H-900-W	White	10 mm to 200 mm	970 mm × 58 mm × 90.5 mm	900 mm × 17 mm	1	5.19 kg	378 W	48 VDC	Dual-channel 19M-8H
MV-LTDS-H-1000-W	White	10 mm to 200 mm	1070 mm × 58 mm × 90.5 mm	1000 mm × 17 mm	1	5.71 kg	420 W	48 VDC	Dual-channel 19M-8H
MV-LTDS-H-1100-W	White	10 mm to 200 mm	1170 mm × 58 mm × 90.5 mm	1100 mm × 17 mm	1	6.22 kg	462 W	48 VDC	Dual-channel 19M-8H
MV-LTDS-H-1200-W	White	10 mm to 200 mm	1270 mm × 58 mm × 90.5 mm	1200 mm × 17 mm	1	6.73 kg	504 W	48 VDC	Dual-channel 19M-8H
MV-LTDS-H-1300-W	White	10 mm to 200 mm	1370 mm × 58 mm × 90.5 mm	1300 mm × 17 mm	1	7.25 kg	546 W	48 VDC	Dual-channel 19M-8H
MV-LTDS-H-1400-W	White	10 mm to 200 mm	1470 mm × 58 mm × 90.5 mm	1400 mm × 17 mm	1	7.76 kg	588 W	48 VDC	Dual-channel 19M-8H
MV-LTDS-H-1500-W	White	10 mm to 200 mm	1570 mm × 58 mm × 90.5 mm	1500 mm × 17 mm	1	8.27 kg	630 W	48 VDC	Dual-channel 19M-8H

## Other Parameters

Model	MV-LTDS-H
Parameter	Line-Scan Light
<b>Performance</b>	
Color temperature	6000K to 7000K
Center illuminance	≥ 1000K lux @ WD = 50 mm
<b>Mechanical</b>	
Cable length	Additional options
Cooling mode	Fan 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)

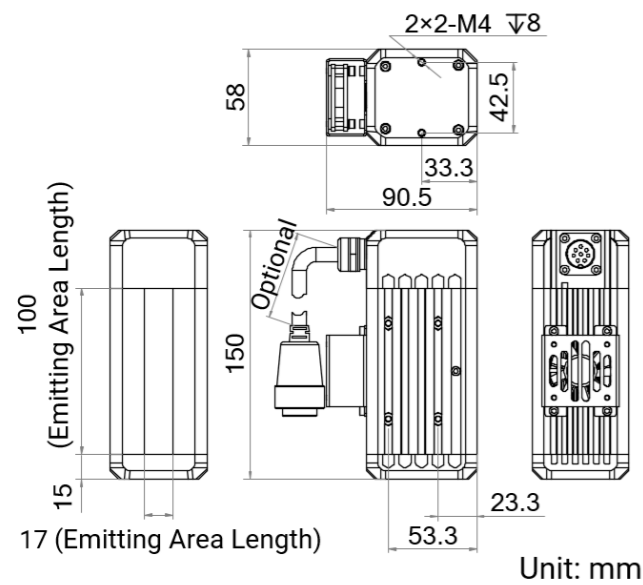
## Accessories

Optional

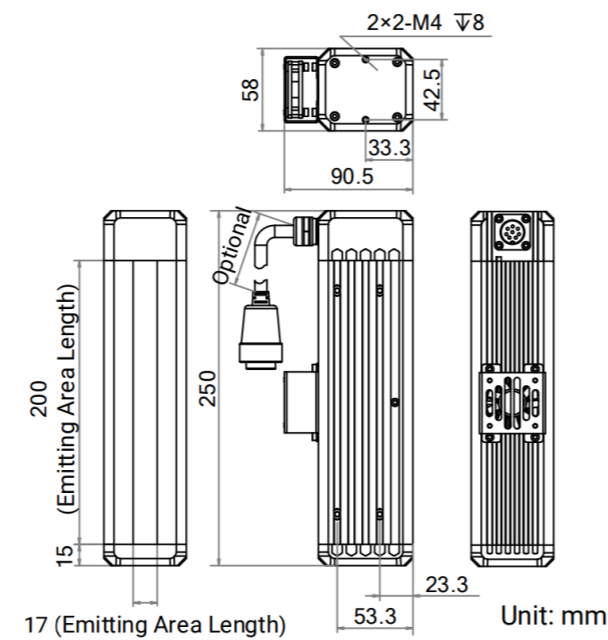
MV-LE201-200W48-2TD 200W, Standard Light Controller	MV-LE201-500W48-2TD 500W, Standard Light Controller	MV-LE201-750W48-2TD 750W, Standard Light Controller	MV-LE201-1200W48-2TD 1200W, Standard Light Controller	MV-LW-H Light Source Extension Cable, 19M-8A to 19M-8A (Gray, Length 1/3/5/10/15/30 Meters)
				

## Dimension

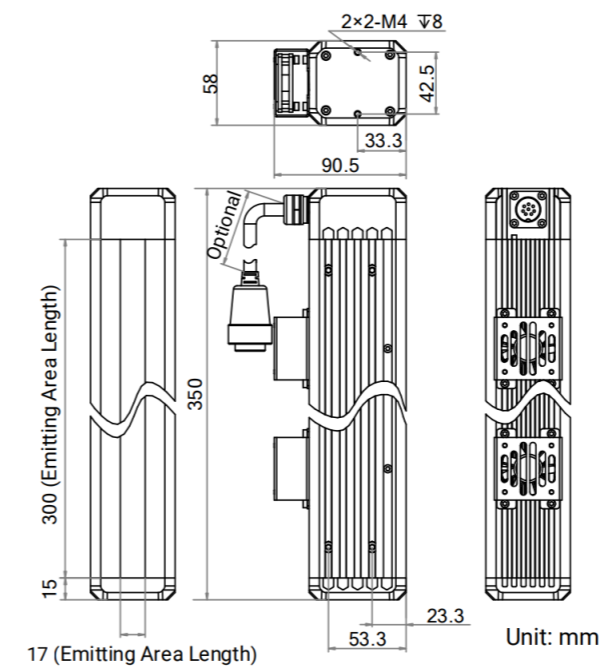
MV-LTDS-H-100-W



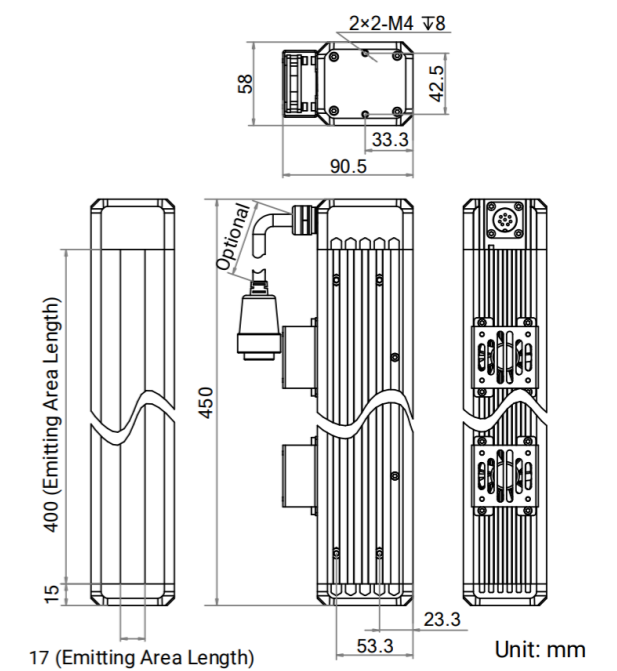
MV-LTDS-H-200-W



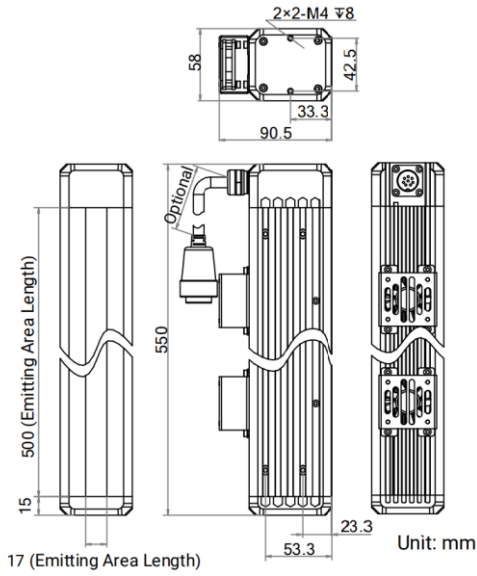
MV-LTDS-H-300-W



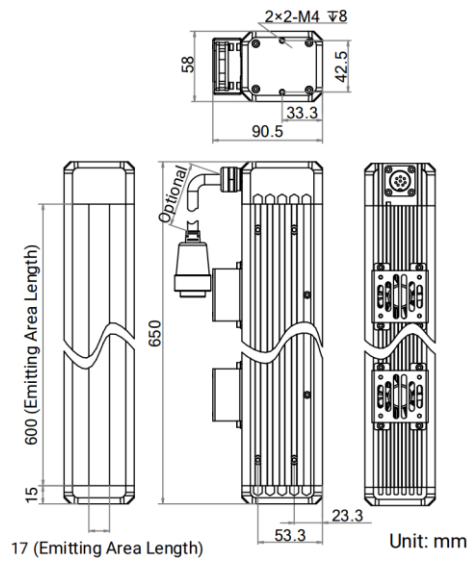
MV-LTDS-H-400-W



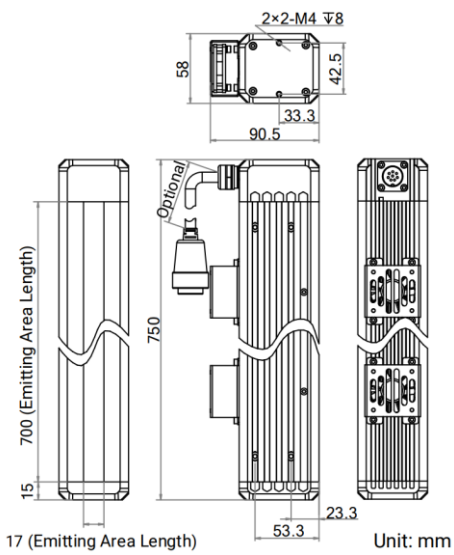
MV-LTDS-H-500-W



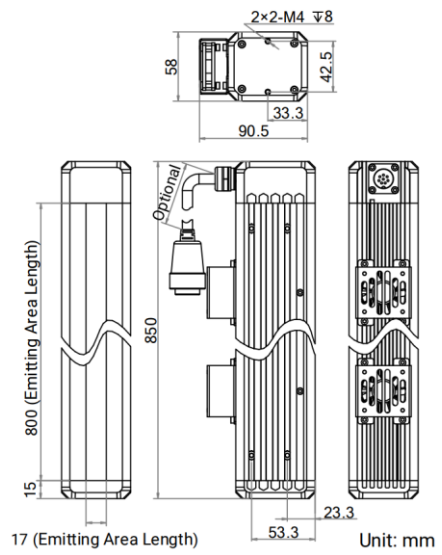
MV-LTDS-H-600-W



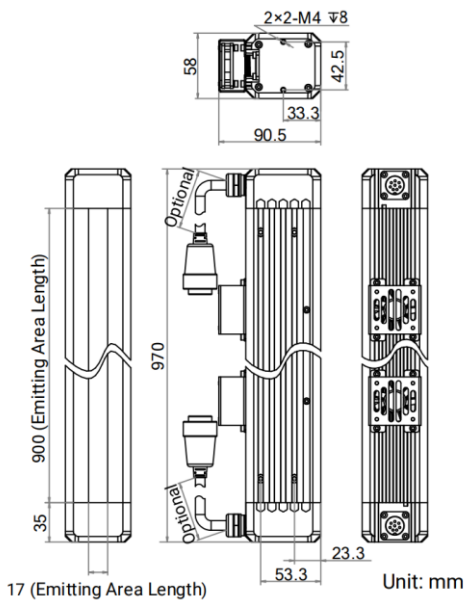
MV-LTDS-H-700-W



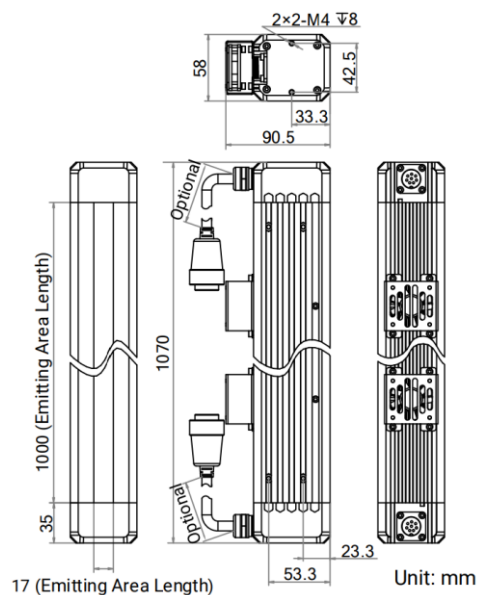
MV-LTDS-H-800-W



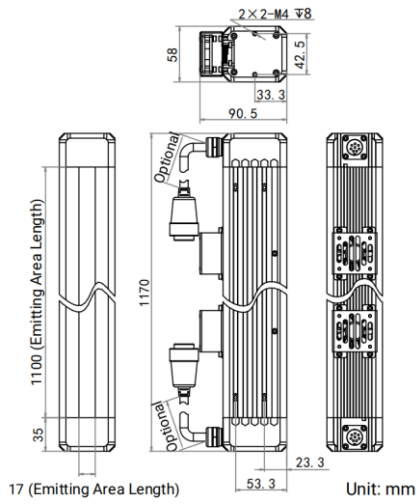
MV-LTDS-H-900-W



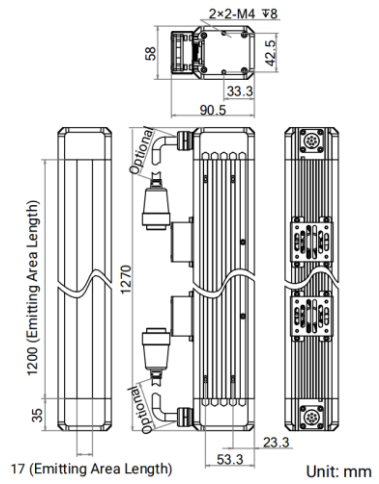
MV-LTDS-H-1000-W



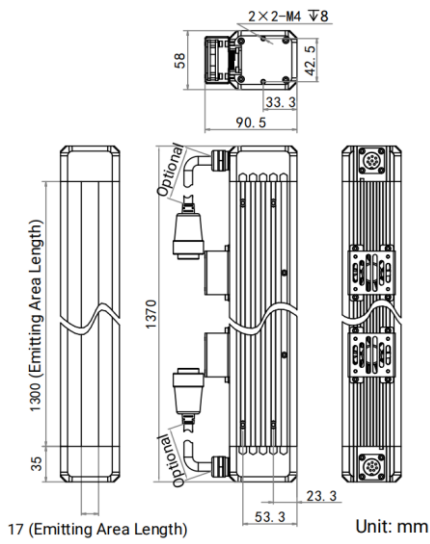
### MV-LTDS-H-1100-W



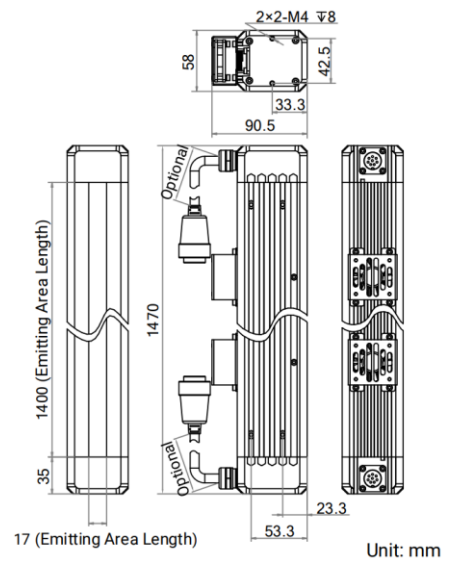
### MV-LTDS-H-1200-W



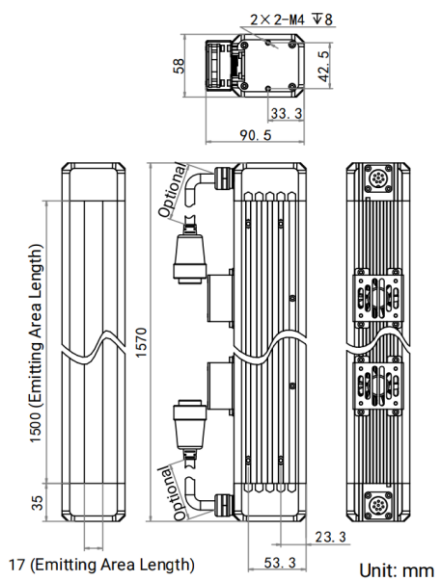
### MV-LTDS-H-1300-W



### MV-LTDS-H-1400-W



### MV-LTDS-H-1500-W



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