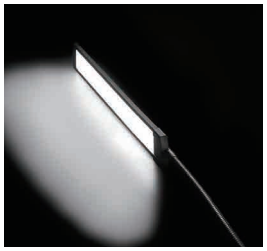
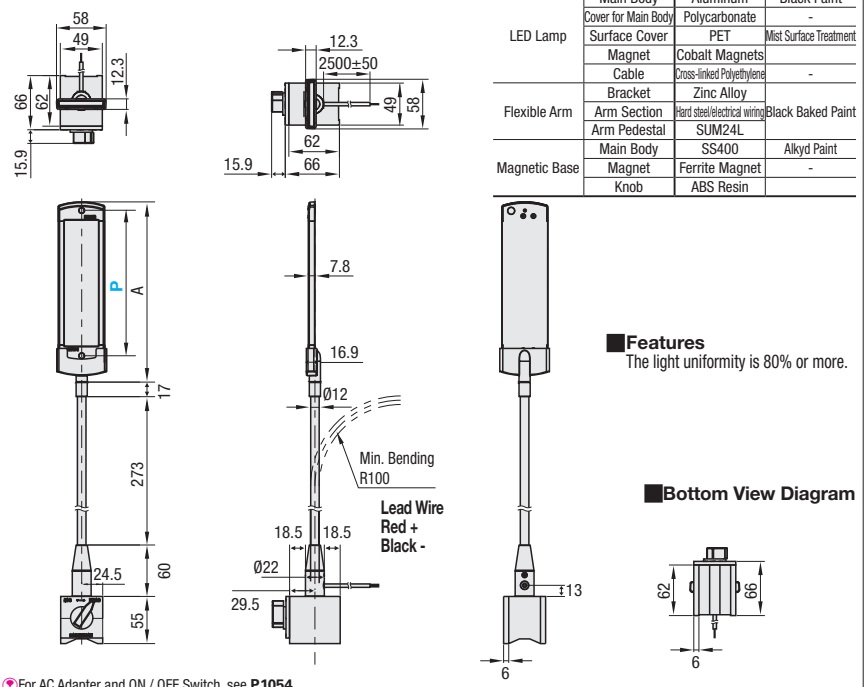
LED Flat Lights Magnetic Base Type

IP20



LEDVM



Part Name		Material	Surface Treatment
LED Lamp	Main Body	Aluminum	Black Paint
	Cover for Main Body	Polycarbonate	-
	Surface Cover	PET	Mist Surface Treatment
	Magnet	Cobalt Magnets	
	Cable	Cross-linked Polyethylene	-
Flexible Arm	Bracket	Zinc Alloy	Black Baked Paint
	Arm Section	Hard steel/electrical wiring	
	Arm Pedestal	SUM24L	
Magnetic Base	Main Body	SS400	Alkyd Paint
	Magnet	Ferrite Magnet	-
	Knob	ABS Resin	

Features

The light uniformity is 80% or more.

Bottom View Diagram

For AC Adapter and ON / OFF Switch, see **P.1054**.
Dimming not possible. For Dimming Types, see **P.1025**.

Part Number		Color	Installing Method	A	Illuminance (Lux, lx) W (White)		Fluorescent lamp illumination comparison (Ref.)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Attraction Force N{kgf}	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	LEDVM		
Type	P				lx/0.5m	lx/1m										Unit Price	Volume Discount Rate	
																1 ~ 4 pc(s).	5~9	10~50
LEDVM	90	W (White)	Magnet	131	150	40	6W~	DC24 ±10%	85	2	784 {80}*	-20 ~ 45	5000	120°	1640			
	190			231	380	100	10W~		190	5					1700			
	390			431	750	210	20W~		480	12					1820			

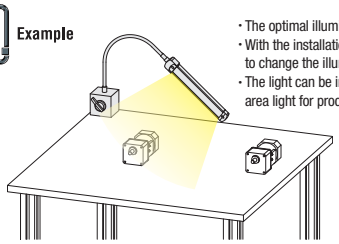
* The value of attachment force is a measured value (SS400 at 20 mm when pulling in vertical-direction) and not guaranteed.

For each detail, see the glossary on **P.1055**. For order and installation, confirm "Notes on Usage" section on **P.1056**.

As the LED elements vary on their luminous colors and luminance, they may be slightly different in their colors and brightness, though they are of the same part numbers.

Ordering Example: Part Number - Color
LEDVM190 - W

Example



- The optimal illumination angle can be obtained by using the flexible arm.
- With the installation position kept fixed by the attachment surface, it is possible to change the illumination direction.
- The light can be installed on the machine tool or steel work table or used as an area light for processing work or inspection processes.

By changing the characteristics of the magnet base's mounting surface, such as material/shape, ambient temperature, existence of surface processing, etc. the attachment force can change. When mounting the light, check the state of attachment and be cautious of dropping or sliding.

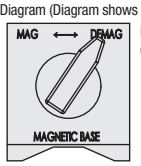
Magnetic Base Features

- Due to the strong magnet, there is no worry of falling over.
- The base surface magnetic force can be switched ON/OFF.
- Although weak, the back side of the switch can be attached.

However, the attachment force is weaker compared with the base surface magnetic force, and caution is required when mounting.

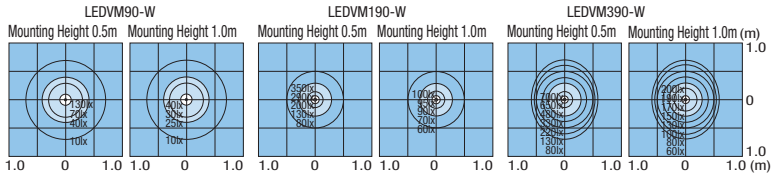
Front View Diagram (Diagram shows OFF state)

MAG: ON State



DEMAG: OFF State

Illuminance Data (Ref.)



Light Emission Spectrum