

# LED Line Light - Embedded

IP55

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Malaysia, Indonesia and/or India offices.

# LED Line Light Low Profile/Low Profile With Magnet Type

IP50

**LEDR**

2-M4 Countersink

Lead Wire White + Black -

Dimension of Panel Mounting Hole

Part Name	Material	Surface Treatment
Main Body	Aluminum	Anodized
Surface Cover	Polycarbonate	Mist Surface Treatment
Screw on Both Ends	SUS304	-
Cable	PVC	-

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

Part Number Type	Color	L	A	Illuminance (Lux, lx)		Fluorescent lamp illumination comparison (Ref.)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	Unit Price (1-4 pcs)	Volume Discount Rate (5-9)	Volume Discount Rate (10-50)
				lx/0.5m	lx/1m											
LEDR	W (White)	200	193	410	110	10W~	DC24 ±10%	240	5.6	-10~45	5000	Approx. 110°	290	-	-	-
		360	353	710	220	20W~	480	11.2								
		520	513	950	260	20W~	720	16.8								
		680	695	1200	370	40W~	960	22.4								

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  
LEDR200 - W

**Example of Embedding**

Mounting Hole

LEDR

M4 Flat Head Screw (Optional)

- For this light, an installation hole is created in a panel and ceiling and the light is fitted in the hole.
- The cable is also embedded and unexposed, which improves the design.
- The amount that sticks out is 3mm thick making it suitable for inside devices where space is limited.

**Installation Method**

- To install, fix it using flat head screws (sold separately) and hex nuts (sold separately), etc.
- For the hole dimensions when installing on panels and cabinets, check the above size table.

**<Side View>**

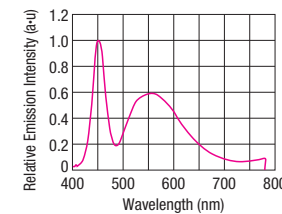
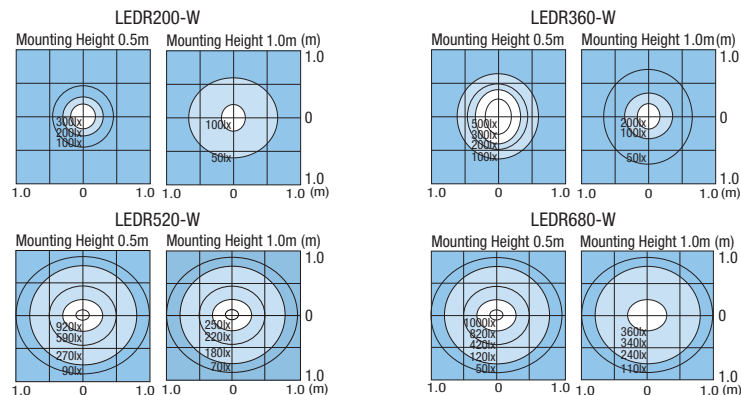
Hex Nut (Optional)

M4 Flat Head Screw (Optional)

Panel

**Illuminance Data (Ref.)**

**Light Emission Spectrum**



**LEDT**

**LEDTM** (Magnet Type)

2-M4 Counterbore

Lead Wire White + Black -

Side View of the Mounting Interface (LEDT)

Side View of the Mounting Interface (LEDTM, Magnet Type)

Back View of LEDTM (Magnet Type)

Part Name	Material	Surface Treatment
Main Body	Aluminum	Anodized
Surface Cover	Polycarbonate	Mist Surface Treatment
Magnet (LEDTM only)	Neodymium Magnet	-
Screw on Both Ends	SUS304	-
Cable	PVC	-

\* LEDTM (Magnet Type) has no holes on the surface.  
For AC Adapter and ON / OFF Switch, see P.1054.  
Dimming not possible. For Dimming Types, see P.1025.

Part Number Type	Color	L	Illuminance (Lux, lx)		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	LEDT		LEDTM		
			lx/0.5m	lx/1m									LEDT	LEDTM	Unit Price (1-4 pcs)	Volume Discount Rate (5-9)	Volume Discount Rate (10-50)
LEDT LEDTM (Magnet Type)	W (White)	150	166	410	110	10W~	DC24 ±10%	130	3.1	21.5 (2.2)	-10~45	5000	Approx. 110°	170	180	-	-
		270	286	720	220	20W~	260	6.2									
		390	406	1120	330	40W~	390	9.4									
		510	526	1430	430	40W~	520	12.5									

For each detail, see the glossary on P.1055.  
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Ordering Example: Part Number - Color  
LEDT150 - W  
LEDTM270 - W

**Fixed by Bolts (LEDT)**

LEDT

- Due to its 8 mm thickness, the LEDT is recommended for devices where space is limited.

**Fixed by magnet (LEDTM)**

LEDTM

- Magnets are used to mount the LEDTM, which makes it possible to freely position the light for the work or situation.

**Emission Side**

High uniformity and illumination is achieved by lining up small LED elements with narrow interspacing.

**Illuminance Data (Ref.)**

**Light Emission Spectrum**

