

LED Spot Lighting - Small / Dimming Controller Type IP67

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

LED Spot Lighting - Oil Resistant, Small / Dimming Controller Type IP67F

LEDMM

LEDMMC
(Dimming Controller Type)

RoHS10

Main Body

Detailed Dimension of Light Controller (Accessory) (LEDMMC only)

White + Black C Shield -

Lead Wire White + Black -

Magnet Ø10

For AC Adapter and ON / OFF Switch, see P.1054.
Light Control Unit is not sold separately.

Part Name	Material	Surface Treatment
Main Body	Aluminum	Anodized
LED Lamp		
Lens	Polycarbonate	-
Cable	PVC	-
Swivelling Bracket		
Bracket	Nylon 6	-
Screw for Movable Part	SUS304	-
Magnet	Neodymium	-
Light Controller	ABS Resin	-

Part Number Type	No.	Color	Illuminance (Lux, lx)		Input Voltage (V)	Input Current (mA)	Attraction Force (N/gf)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate		
			lx/0.5m	lx/1m										1-4	5-9	10-50
LEDMM	1 (Lighting Angle 62°)	White	400	110	DC24 ±10%	50	10.8 {1.1}	1.2	-10~45	5000	Approx. 62°	150				
	2 (Lighting Angle 14°)		Approx. 14°	165												
LEDMMC (Dimming Controller Type)	2 (Lighting Angle 14°)		2000	500							Approx. 14°	355				

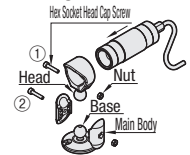
* IP67, main body only. Dimming controller is not water proof.
 * The data for LEDMMC2 (Dimming Controller Type) show the values at the maximum. For each detail, see the glossary on P.1055.
 * For order and installation, confirm "Notes on Usage" section on P.1056. As the LED elements vary on their luminous 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
 LEDMM1
 LEDMMC2

Example

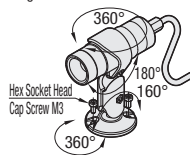
Assembly Method

Insert the LED lamp and tighten it with screw ①. Locate the head and base between the body and tighten with screw ②.



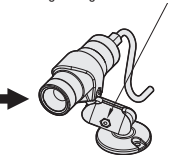
Installing Method

Can be attached by tightening with screws or by fastening with magnets on the bottom.



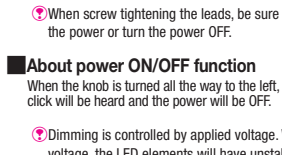
Adjustment Method

Adjust the LED assembly at any desired angle by loosening it and tightening the screw.



Example of Wiring for Light Controller (Accessory)

Insert the leads and tighten the screws with a Phillips screwdriver.

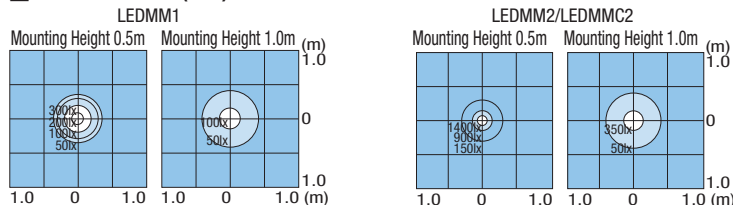


About power ON/OFF function

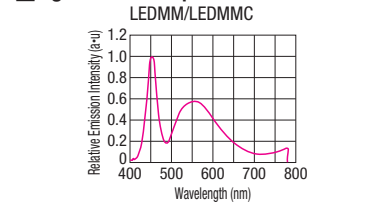
When the knob is turned all the way to the left, a click will be heard and the power will be OFF.

Dimming is controlled by applied voltage. When dimming at a low voltage, the LED elements will have unstable emission.

Illuminance Data (Ref.)



Light Emission Spectrum



LEDM

LEDMC
(Dimming Controller Type)

RoHS10

Bracket

Main Body

White + Black C Shield -

Lead Wire White + Black -

Detailed Dimension of Light Controller (Accessory) (LEDMC only)

White + Black C Shield -

Lead Wire White + Black -

For AC Adapter and ON / OFF Switch, see P.1054.
Light Control Unit is not sold separately.
Specification has been upgraded as of April 2014 as shown below.

Part Name	Material	Surface Treatment
Main Body	Aluminum	Anodized
LED Lamp		
Lens	Polycarbonate	-
Cable	PVC	-
Bracket	SUS304	-
Knurled Screw	SUS304	-
Light Controller	ABS Resin	-

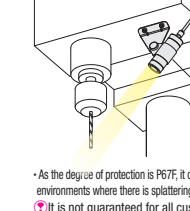
Part Number Type	No.	Color	Illuminance (Lux, lx)		Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate		
			lx/0.5m	lx/1m									1-4	5-9	10-50
LEDM	1 (Lighting Angle 62°)	White	400	110	DC24 ±10%	50	1.2	-10~45	5000	Approx. 62°	120				
	2 (Lighting Angle 14°)		Approx. 14°	135											
LEDMC (Dimming Controller Type)	2 (Lighting Angle 14°)		2000	500						Approx. 14°	325				

* IP67, main body only. Dimming controller is not oil resistant.
 * The data for LEDMC2 (Dimming Controller Type) show the values at the maximum. 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
 LEDM1

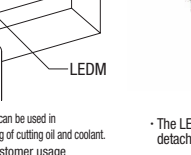
Example

Method for Attaching / Detaching Bracket



Example of Wiring for Light Controller (Accessory)

Insert the leads and tighten the screws with a Phillips screwdriver.

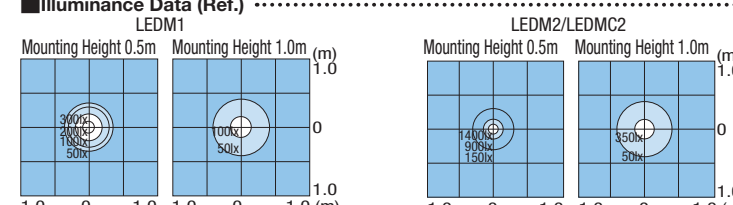


About power ON/OFF function

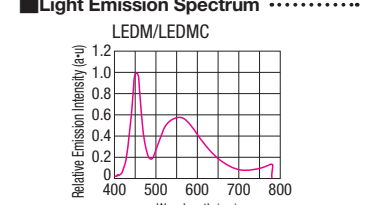
When the knob is turned all the way to the left, a click will be heard and the power will be OFF.

Dimming is controlled by applied voltage. When dimming at a low voltage, the LED elements will have unstable emission.

Illuminance Data (Ref.)



Light Emission Spectrum



* The data for LEDMC2 (Dimming Controller Type) show the values at the maximum.