



Luci RIMiT mr

Indoor use only Instruction Manual

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⚠ To ensure safe usage

The following are the safety cautions to prevent any harm or damage to others.

If the product is used against cautions, it may cause damage, electric shock, smoke or fire.

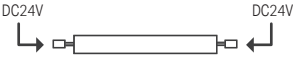
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Only supply power through the lead wire on one side using the dedicated connection cable for this product.

Supplying power through the lead wires on both sides may cause failure and fire. If using only one **LED fixture**, insulate the **unused connector** with self-adhesive tape or **electrical tape**.

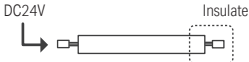
✗

Do not supply power through the lead wires on both sides.



✓

When using only one **LED fixture**.



⊘

Use a DC24 V power supply. Never connect to any other power supply. Always use a circuit breaker of suitable capacity in the power supply. If the capacity is not suitable, the breaker may not work when abnormal current occurs, which may cause fire.

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Always shut off the main power supply before working or inspection. Do not connect or disconnect the lead wires of the LED fixture while power is supplied.

⊘

Firmly connect the connectors. Incomplete connection may cause heating, smoke, and fire.

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Do not touch the ends of the connectors. Risk of electrical shock.


⊘

Do not use the product if the cover is damaged. Risk of an accident and electrical shock.


⊘

The product must be allowed to dissipate heat. Allow sufficient space for ventilation (heat dissipation) between the LED fixture and building structure. Avoid installing the LED fixture close to each other. It may shorten product life or cause fire.


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When there is abnormal situations, please cut off the power immediately, consult with electricians, and do not touch the lighting with bare hands.

⊘

Do not place or cover the LED fixture with a heatable object such as cloth, paper or insulating material. It may fail to light up or cause fire.

Do not allow an open-ended fixture to have contact with any metal.

Do not place or install LED fixture in close contact with other electric equipment in or out of ceiling area to prevent fall, electric shock or fire caused by vibration from electric equipment.

Do not operate the device with wet hands. It may result in an electric shock.

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Do not use the product if the cover is damaged. Risk of an accident and electrical shock.

⊘

Do not use a brush or an abrasive to polish metal parts. Risk of damage and corrosion.

⊘

If the product is dirty, wipe with a dry cloth. Do not use thinner, benzene, or other organic solvents to clean the product and do not wash with water.

⊘

Important notice for storage
Please ensure the fixture is stored within -10°C to 55°C
Please do not store the carton or the packages of our light fittings in the following conditions :
- Wet location
- Places of high humidity
- Dusty or dirty places
- Place that sunlight is directly exposed.
- Places where a solvent such as a paint liquid is stored

During storage ensure the cartons upright.
Please do not open individual package until just before installing LED fixture to avoid any damage to the light fittings.

Please do not place heavy object on the carton.
Please do not use our LED fixture as the working light during construction period.

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This LED fixture is for indoor use only. Do not use in the following environments :
- Outdoors
- Location at high temperature (+35°C or higher) . (Operating temprature is 0°C to 35°C)
- Location where water may splash onto the product.
- Location with high humidity.
- A dusty location.
- Location with corrosive or inflammable gases.
- Airtight location.
- Location with direct exposure to salt water or organic solvents
- Location in direct sunlight.
- Location subject to the effects of electric or magnetic fields.
- Location subject to intense vibration or shock, or a location subject to continuous vibration.

⊘

Do not do the following :
- Forcibly remove the product after mounting it. Disassemble, modify, or add holes to the product. Forcibly pull or twist the product. Cut or damage the power cable. Use a damaged cable. Press down on the product. Drop the product or subject the product to intense vibration or shock.

Please read before the usage

Use the special mounting fixture to mount the LED fixture to the mounting location, and verify that the mounting is secure.

The product has been manufactured with the utmost care; however, please understand that slight deviations in LED color are unavoidable due to the characteristics of the product.

Caution : Must choose suitable power supply

Refer to the power supply manual for temperature, humidity and other operating conditions.

Maintenance and Inspection

- LED fixture has a life span.
- Degradation of inner materials occurs after 8-10 years of installation even when the LED fixture looks fine from the outside.
- Components of the LED fixture degrade due to the generation of heat when the light is on for a long time.
- This causes not only safety issues, but also reduces power efficiency and it is recommended to have regular maintenance and inspection.
- Cleaning and inspection should be carried out at least once every 6 months.
- At least once every 3 years, an inspection should be carried out by a specialist such as a product contractor.
- If the LED fixture is used for a long time without having an inspection, there is a small possibility that it could lead to fuming, igniting, electric shock and the like.Cleaning Method

Inspection Methods

- Is LED operating normally?
- Is there any unusual smell, sound or heat?
- Are there cracks, slits, or detached parts on any part or joint?

Cleaning Method

- Lightly wipe the LED fixture with a soft cloth.
- To best clean the LED fixture, wipe dirt with a soft cloth which has been soaked in a neutral detergent diluted with water and squeeze firmly. To finish off, wipe it with a damp cloth and dry it.

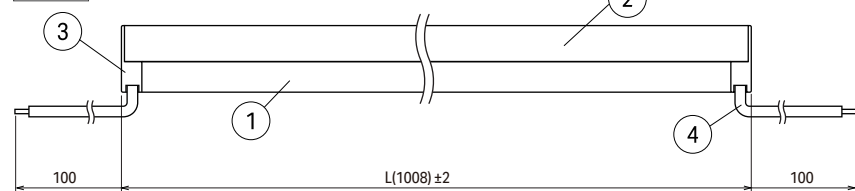
Product specification

LRMUS-T1008W-*-DF-I-*

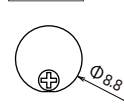
front view



side view



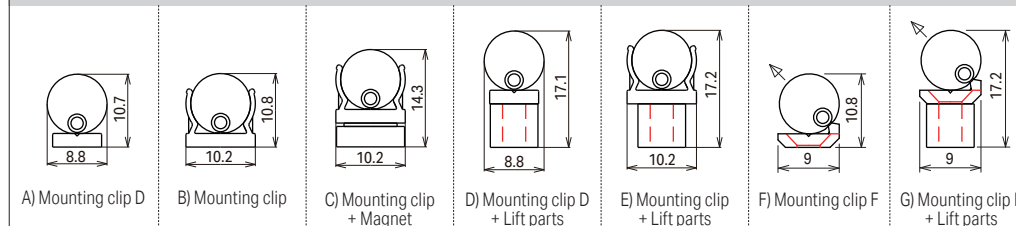
side view



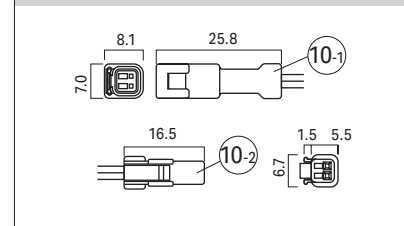
| Input Voltage |
|---------------|
| DC24V |

| No. | Item name | Material etc. |
|-----|-----------------|--------------------------|
| ① | Body | Aluminum, White |
| ② | Cover | Polycarbonate, Diffuser |
| ③ | Side cover | ABS, White |
| ④ | Lead Wire | UL1007 AWG26 |
| ⑤ | Mounting clip | Polycarbonate, Clear |
| ⑥ | Mounting clip D | Polycarbonate, Clear |
| ⑦ | Mounting clip F | Polycarbonate, Clear |
| ⑧ | Lift parts | Polycarbonate, Clear |
| ⑨ | Magnet set | Neogium, Stainless steel |
| ⑩ | Connector | Nylon |

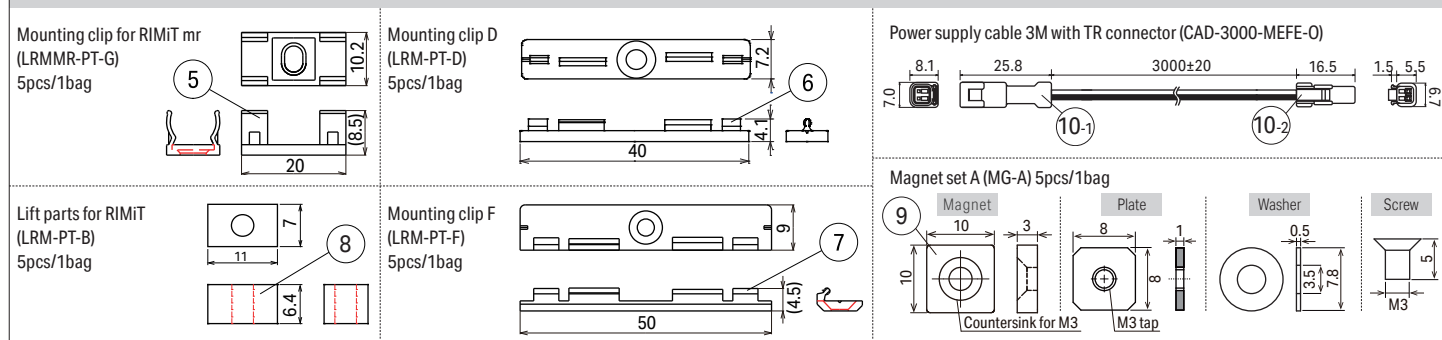
Installation dimensions (Side view)



Custom order : Connector



Accessories



| Item / Product Name | Luci RIMiT mr | |
|---------------------------------|--|-----------------------|
| Model No. | LRMMR-T1008W-*-DF-I-6 | LRMMR-T1008W-*-DF-I-8 |
| Wattage (Ta=25°C) | 6.4 W | 8.6 W |
| Input current (A/m) | 270 mA (Max.) | 358 mA (Max.) |
| Length (L1008) | 1008 mm | |
| Weight (L1008) | 70 g | |
| Number of LED | 160 | |
| Max. connectable Length per run | 3.5 m | |
| Operating temperature | 0°C to 35°C | |
| Environment | Indoor (No Condensation) | |
| Material | Aluminum, Polycarbonate | |
| Attachments | - | |
| Accessories | Mounting clip for RIMiT mr, Mounting clip D, Mounting clip F, Lift parts Custom order : Connector, Lead wire length | |
| Light source color | Natural white 4600K(N), White 3700K(W), Warm white 3300K(WW), Warm white 2900K(L30), Warm white 2600K(L27), Warm white 2400K(L24) | |
| Dimmable | Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi) | |

| Max. connectable length per PSU | | |
|--|---------|-------|
| Length of LED fixture (70% loading factor) *: split into multiple circuits | | PSU |
| 6.4 W/m | 8.6 W/m | |
| 5.4 m* | 4.0 m* | 50 W |
| 10.9 m* | 8.1 m* | 100 W |
| 16.4 m* | 12.2 m* | 150 W |

Installing the product

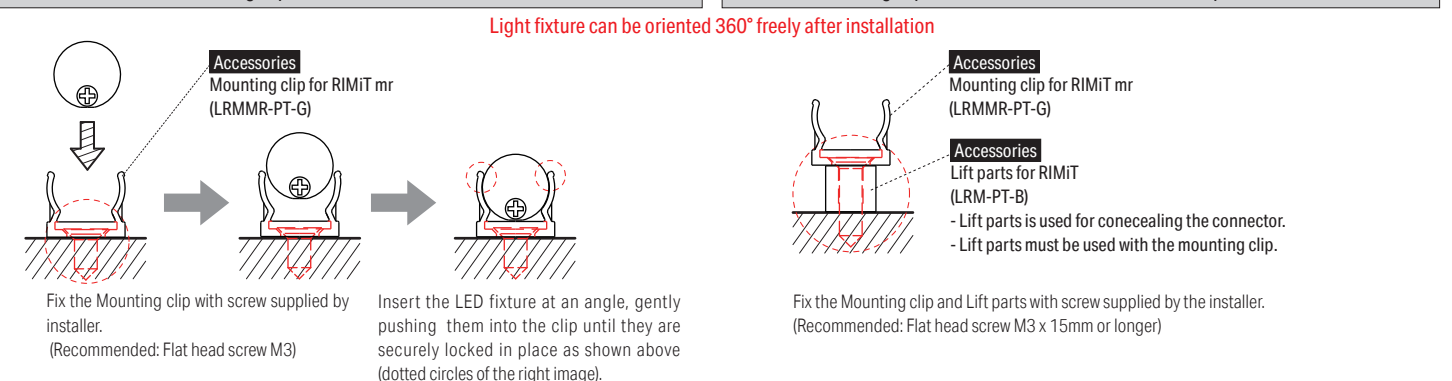
Cautions

- 1) When installing the Mounting clips, ensure that all the clips are installed in the same level on a plane surface and aligned on the center line.
- 2) When installing the LED fixture on the Mounting clip, ensure to click it completely.

In the event of improper installation, LED fixture may have unexpected cracking sound and disconnect from the clips.

Mounting clip for RIMiT mr (LRMMR-PT-G)

Mounting clip for RIMiT mr (LRMMR-PT-G) and Lift parts (LRM-PT-B)



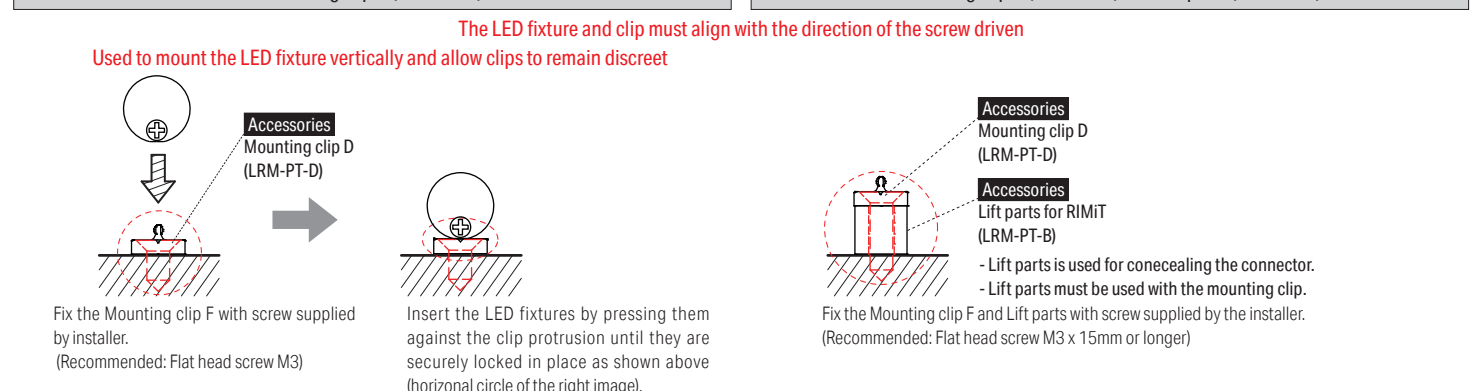
Ensure that the screw head is flush with the surface of the clip's countersink. A protruding screw head can cause the LED fixture to fall.



Leave at least 2mm of space on each side to allow the mounting clips to expand when inserting and removing the LED fixture.

Mounting clip D (LRM-PT-D)

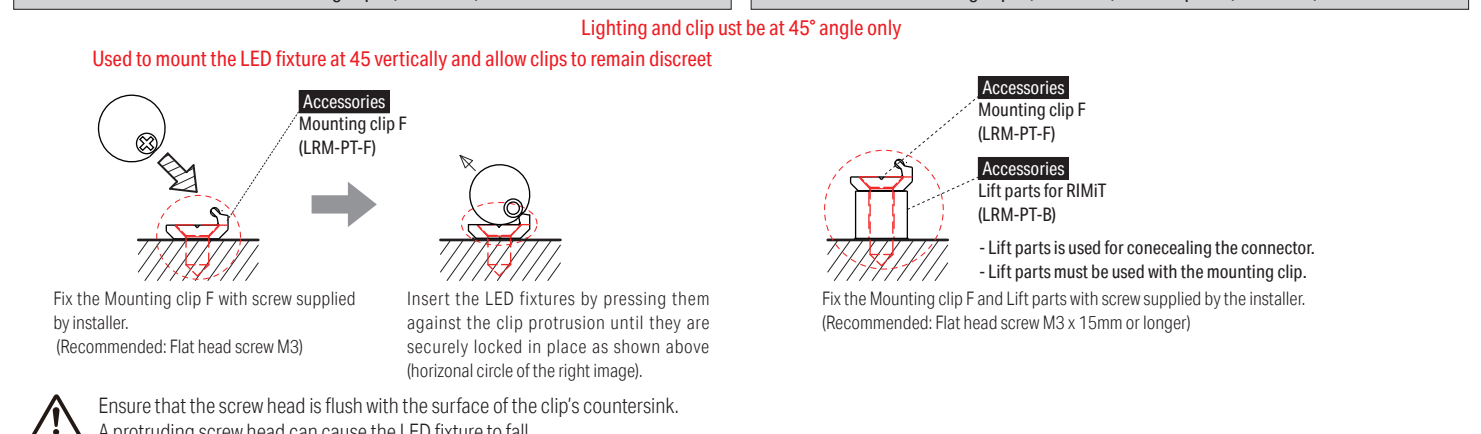
Mounting clip D (LRM-PT-D) and Lift parts (LRM-PT-B)



Ensure that the screw head is flush with the surface of the clip's countersink. A protruding screw head can cause the LED fixture to fall.

Mounting clip F (LRM-PT-F)

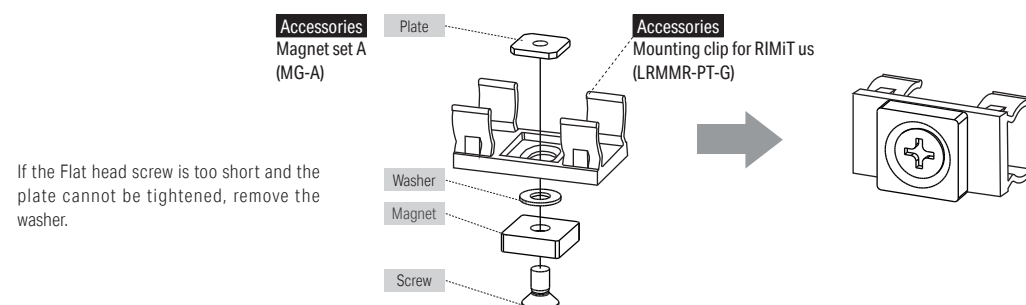
Mounting clip F (LRM-PT-F) and Lift parts (LRM-PT-B)



Ensure that the screw head is flush with the surface of the clip's countersink. A protruding screw head can cause the LED fixture to fall.

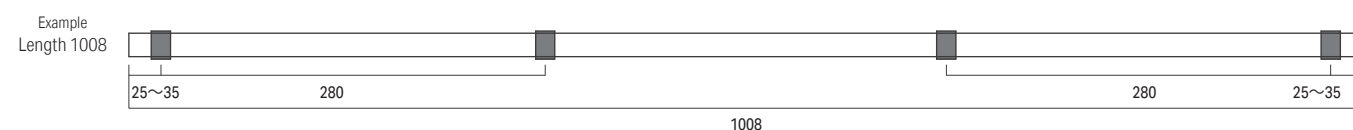
Installing the product

Installing magnet to the Mounting clip for RIMiT mr



Recommended position of Mounting clip for RIMiT mr (magnet), Mounting clip D, Mounting clip F

Recommended mounting position (pitch: 20mm to 300mm, quantity: 2 to 5 pieces) depends on the length of the LED fixture.

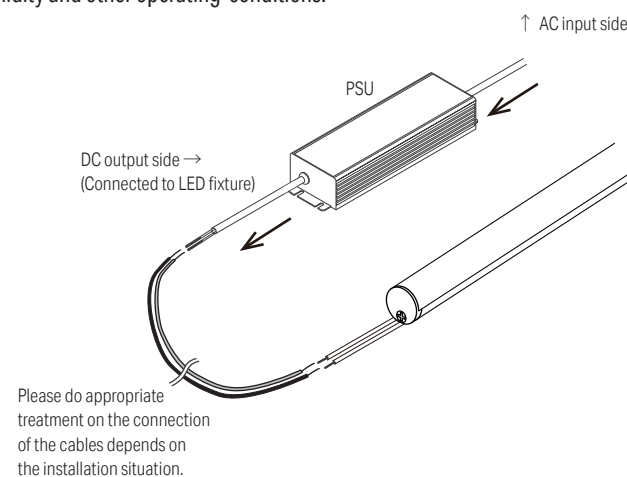


Connecting to the power supply

Caution : Must choose suitable power supply

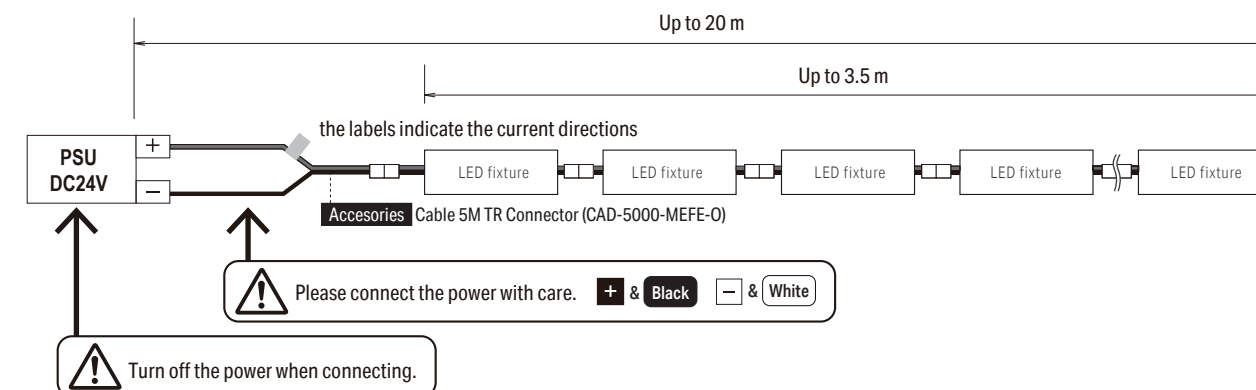
- Cables used for connecting LED fixtures and Power supply must be a suitable type and gauge.
- Cables should be joined with suitable terminal block or methods as appropriate to the installation and operating environment.
- Caution: When using a long cable with thin dimension, the resistance of cable will increase. Voltage drop and heat dispatching may occur and result in a drop in brightness.
- Caution: When separating one cable to multiple circuits in the same gauge, the current loading focuses on the junction of the branch circuit and high temperature will liberate on there. Please consider the loading of the power supply (quantity of LED fixture) and review the wiring system to avoid the above problem.
- When connecting the dimmer driver with power supply, unpredicted noise might occur. It is a characteristic of electronic devices, not a malfunction of the LED fixture. Please choose an appropriate power supply and consider to have enough space to install. Reducing the loading factor of LED fixture might improve the noise from the power supply while the noise for the LED fixtures might be improved by splitting the circuit of LED fixtures into multiple.
- When you adjust the length of the power supply cable, please be careful not to damage the core wire.
- When the cable is bundled, heat dissipation becomes poor and the temperature becomes extremely high. When bundling 5 cables or more, connect less number of LED fixture for one cable.

Refer to the power supply manual for temperature, humidity and other operating conditions.



System configuration diagram

Series connection



Parallel connection Up to 3.5 m

