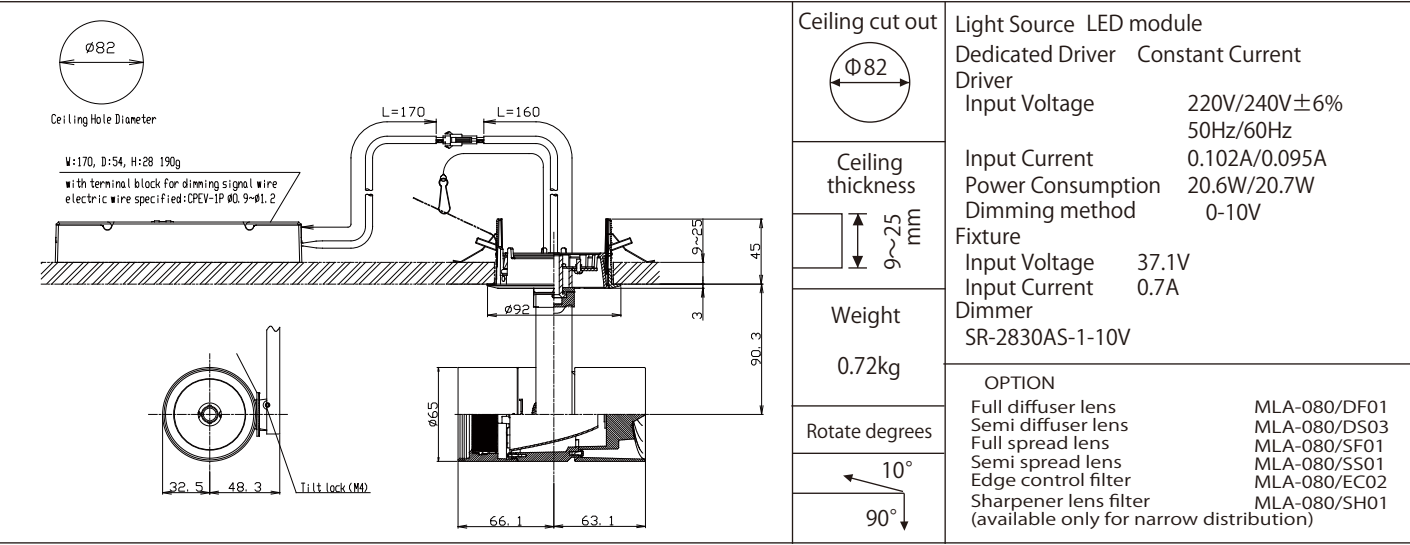


MMP-080D/1H/10B/Z2/3



ModuleX

Installation Guide | Lighting Fixture

| To install the fixture safely 《 Read carefully and follow all the instructions in the guide 》 | | | |
|-----------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| ⚠ Warning : Failure to install the fixture properly could result in personal injury. | | 🚫 : Prohibited | |
| ⚠ Caution : Failure to install the fixture properly could result in property damage. | | ❗ : Strict observance | |
| Before installation | ⚠ Warning | <p>The fixture is for indoor use only in general conditions. This fixture can only be installed on a horizontal ceiling. Can not be used following conditions (Causes of falling, electrocution and fire)</p> <div><div>●Inclined, uneven surface</div><div>●Insulated inside of ceiling</div><div>●Ambient temperature under 0°C and over 35°C</div><div>●High humidity</div><div>●Ceiling which can't hold the fixture weight</div><div>●On the wall 20cm~</div><div>●Outside</div><div>●On the floor</div><div>●Places affected by wind or air-conditioner machine</div><div>●Vibrated or shocked areas</div><div>●Near fire</div><div>●Areas get direct sunlight</div><div>●Dusty areas, corrosive gas outbreaks areas</div></div> <p>Please contact if you are not able to judge whether installation environment is suitable to the places or not.</p> | |
| | ⚠ Caution | ❗ Please follow the fixtures' indication or specification for the distance of irradiated area. (Causes of change in shape, change in color of irradiated objects) | |
| For electric wiring | ⚠ Warning | ❗ Only qualified person may work on electric wiring and equipment. (Cause of accidents) | |
| | | ❗ Use alternating current. Please follow rating plate of fixtures for power supply frequency. (Cause of electrification • fire) (50Hz • 60 Hz common use for ballasts and incandescent lamp fixtures) | |
| | | ❗ Be sure power supply voltage is within ±6% mentioned in rating plate or the guide. (Causes of short life of lamps • electrification • fire) | |
| | | ❗ Be sure all the wires and codes are not damaged. (Causes of falling • damage) | |
| At lighting fixture installation | ⚠ Warning | ❗ Please follow the fixtures' instruction or this guide to install the fixture and lamp. (Causes of falling • electrification • fire) | |
| | | ❗ Switch off the power when installing the lamp. (Causes of electrification) | |
| | | 🚫 Do not touch the fixture when switch is on or just turn off the switch because of high temperature. | |
| | | 🚫 Do not put or cover the fixture by any cloths, papers, or insulators.(Causes of not lighting • fire) | |
| | | 🚫 Do not place any metallic or flammable objects. (Cause of electrification • fire • broken fixture) | |
| | | ❗ Make sure to install all the parts of fixtures besides installation and mounting parts will not touch with any objects both inside and outside of ceiling such as lighting track, etc. (Causes of falling • electrification • fire) | |
| | | 🚫 Do not dismount or remodel fixtures. (Cause of electrification • fire • falling • broken fixtures) | |
| | | 🚫 Do not operate with wet hands. | |
| | ❗ | If you smell smoke, see smoke, or find anything unusual, please turn the switch off and ask construction companies to repair. (Cause of electrification • fire) | |
| | ⚠ Caution | ❗ Make sure the construction will not affect any fire prevention systems such as sprinkler by heat from the fixture. (Causes for improper operation) | |

MMP-080D/1H/10B/Z2/3

| Installation Details | | Installation Diagram | Caution | |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Install the mounting equipment for ceiling cut out | | <div>1 Ceiling cut out</div> <div><div>Φ82</div></div> <div><div>Mounting frame</div><div>2</div><div>Ceiling</div><div>3</div><div>Metal fitting</div></div> | <div><div>⚠a</div></div> | <div><div>⚠b</div></div> |
| 1 | Cut out a hole and install the mounting frame. | | <div><div>Push tight</div></div> | <div><div>Standard to screw torque 1.0~2.0N・m</div></div> |
| 2 | Slide the metal fittings from upper side. | | | |
| 3 | Use a screw driver and tighten the metal fittings. | | | |
| <div><div>⚠a</div></div> | On step 2, please fix the metal fitting firmly with your fingers. If not, it may cause falling of fixtures. | | | |
| <div><div>⚠b</div></div> | Make sure to tighten the metal fittings securely with a screwdriver. (torque 1.0 ~2.0 N・m) If it is loose, it may cause falling of the fixture | | | |
| <div><div>⚠</div></div> | Make sure to have the height at least 150mm above the ceiling to install the driver. | | | |
| Optional parts installation | | <div><div>Body</div><div>1</div><div>Hood</div><div>2</div><div>OPTION HOLDER</div><div>3</div><div>FILTER</div></div> | <div><div>⚠f</div></div> <div><div>UP to 3FILTERS</div><div><div>OPTION HOLDER</div><div>+</div></div><div><div>Sharpner lends</div><div>Sharpner lends</div></div><div><div>⚠d</div></div></div> | |
| 1 | Turn around the hood. | | | |
| 2 | Pull out the body from the hood. | | | |
| 3 | Turn around the option holder, and put out . | | | |
| 4 | Put a filter in hood. | | | |
| 5 | Turn around the option holder, and put in. | | | |
| <div><div>⚠</div></div> | Please attention that the sharpener lens is counted two pieces of filter lenses. | | | |
| <div><div>⚠f</div></div> | Don't put in the filters than the rule number of pieces. Causes of falling and damage. | | | |
| <div><div>⚠d</div></div> | Match the mark. Then,push the hood and slide it,in order to lock the body. (to prevent from falling) | <div><div>Match the mark.</div></div> | <div><div>Slide the hood.</div></div> | |

| Installation Details | | Installation Diagram | Caution | |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <div>1</div> <div>2</div> <div>3</div> <div><div>⚠</div></div> <div><div>⚠g</div></div> <div><div>⚠</div></div> | Connect the bundled dedicated Driver to the connector of Luminaire | <div>Wiring diagram</div> <div><div>AC Power 50/60Hz</div><div>NTC-SRP-2007-30CC</div><div>LIGHTING FIXTURE</div><div>0/1-10V Control Unit</div><div><div>Dips to set the operation current</div><div><div>⚠</div> Do not change settings</div></div></div> | <div><div>⚠g</div></div> <div><div>Driver side</div><div>Lock</div><div>Luminaire side</div></div> | |
| | Please connect according to the description of the power supply. | | | |
| | Install a dedicated driver on the ceiling | | | |
| | Be sure to turn off the power before working | | | |
| <div><div>⚠g</div></div> <div><div>⚠</div></div> | Connect the connector securely. If you remove it pull while holding the lock. Do not connect or disconnect the connector while the power is on. (Cause of trouble) | | | |
| | Do not touch the metal terminals on the inside of the connector directly with your hands. | | | |
| | | | | |
| | | | | |
| <div>1</div> <div>2</div> <div><div>⚠k</div></div> <div><div>⚠i</div></div> <div><div>⚠</div></div> | Installation to ceiling | <div><div>Safety wire</div><div>1</div><div>Ceiling</div><div>2</div><div>Mounting frame</div><div>Body</div></div> | <div><div>⚠k</div></div> <div><div>Safety wire</div></div> | <div><div>⚠i</div></div> <div><div>Mounting frame</div><div>Inside</div><div>Clean gloves</div></div> |
| | Install the safety wire to the mounting frame. | | | |
| | Make sure to install the safety wire to the mounting frame securely. | | | |
| | Use clean soft cloth to clean up and maintain inner side of the body. | | | |
| <div><div>⚠i</div></div> <div><div>⚠</div></div> | The description of a power supply. | | | |
| | Make sure the fixture will not touch any objects in ceiling. | | | |