
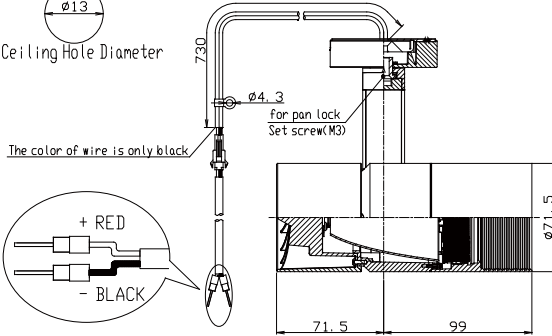
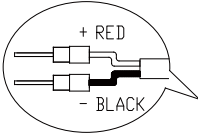


MMP-100S/3H/MC/30B/DL/3

<div><div>[mm]</div><div></div><div>Ceiling Hole Diameter</div></div> <div><div></div><div><div>for pan lock Set screw (M3)</div><div>for tilt lock Set screw (M3)</div><div>730</div><div>71.5</div><div>99</div><div>71.5</div><div>35.7</div><div>53.1</div><div>118.2</div><div>23.4</div><div>71.5</div></div><div><div>The color of wire is only black</div><div></div><div>+ RED</div><div>- BLACK</div></div></div> <td>Weight</td> <td>Lamp</td> <td>LED</td>	Weight	Lamp	LED
	0.66kg	input voltage	37.9V
		Input current	0.9A MAX.
Rotate degrees	Driver	Sold separately	
<div><div>10°</div><div>90°</div></div>	Please use constant current driver.		
<div><div><div><div>⚠ Caution</div><div>Be sure to use the isolated power supply that matches the rating of the LED module.</div></div></div></div>			
<div><div>OPTION</div><div><div>Full diffuser lens</div><div>MLA-100/DF01</div></div><div><div>Semi diffuser lens</div><div>MLA-100/DF02</div></div><div><div>Full spread lens</div><div>MLA-100/SF01</div></div><div><div>Semi spread lens</div><div>MLA-100/SS01</div></div><div><div>Edge control filter</div><div>MLA-100/EC02</div></div><div><div>Sharpener lens filter</div><div>MLA-100/SH01</div></div><div>(available only for narrow distribution)</div></div>			

ModuleX

Installation Guide

Lighting Fixture

MMP-100S/3H/MC/30B/DL/3

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 persona l injury.		🚫 : Prohibited	
⚠ Caution : Failure to install the fixture properly could result in property damage.		❗ : Strict observance	
Before installation	⚠ Warning	🚫	<div>The fixture is for indoor use only in general conditions. Can not be used following conditions (Causes of falling, electrocution and fire)</div> <div><div>●Areas get direct sunlight</div><div>●On the floor</div><div>●Outside</div><div>●Near fire</div><div>●High humidity</div><div>●Inclined, uneven surface</div></div> <div><div>●Plases affected by wind or air-conditioner mashine</div><div>●Vibrated or shocked areas</div><div>●Ambient temperature under 0℃ and over 35℃</div><div>●Ceiling which can't hold the fixture weight</div><div>●Dusty areas, corrosive gas outbreaks areas</div></div> <div>●Insulated inside of ceiling</div> <div></div> <div>Please contact if you are not able to judge whether installation environment is suitable to the places or not.</div>
			🚫 Keep equipment away from electronic medical devices such as pacemakers
			🚫 When it is lit, it becomes hot immediately after it is turned off. Install it in a place that cannot be easily touched.
	⚠ Caution	❗	Even when using it indoors, do not use it in a place where there is a sulfur component around the equipment. (Sulfur components may also be contained in some foods, chemicals, papers, rubber products, and car exhaust gas.)
			❗ 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)
		❗	Please use a compatible power supply and compatible driver. (Cause of non-lighting / fire)
		❗	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)
		🚫	Do not perform live-line construction. There is a risk of electric shock or product failure.
		🚫	Do not install other electronic devices (devices that use a motor such as a ventilation fan) in the same circuit as it may lead to equipment failure.
At lighting fixture installation	⚠ Warning	❗	Please follow the fixtures' instruction or this guide to installthe fixture and lamp. (Causes of falling•electrification•fire)
		❗	For models that come standard with a safety clip to prevent dropping due to an earthquake, etc., be sure to follow the instructions in this manual and install the product securely.
		❗	Be sure to turn off the power when installing the fixture or lamp. (Cause of electric shock)
		🚫	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 put metal or burning objects in the gaps of the equipment. (Causes of electric shock, fire, and equipment failure)
		🚫	Do not dismount or remodel fixtures. (Cause of electrification • fire • falling • broken fixtures)
		🚫	Do not operate with wet hands.
		🚫	Do not grab and lift wires or cables that are not the product itself. It may be damaged.
		❗	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	❗	Use protective equipment such as clean gloves when installing and removing equipment. (Cause of injury)
		❗	Install so that the heat of the equipment does not affect the fire protection equipment such as sprinklers. (Cause of malfunction)
		❗	Please note that noise may enter the device if it is lit near a communication device such as a radio.

MMP-100S/3H/MC/30B/DL/3

	Installation Details	Installation Diagram • Caution	
	<div>Installation</div> <div>1 Open a diameter of 13 mm on the mounting surface without irregularities and on which magnets are attached</div> <div>2 Pass the lead wire through the opening on the mounting surface</div> <div>3 Attach the magnet case slowly close to the mounting surface</div> <div>After installing the fixture, make sure that it is securely attached</div> <div>If the magnet case is brought closer to the mounting surface, the magnet may crack or damage the mounting surface</div>	<div><div>1</div><div>Mounting surface</div><div>2</div><div>connector</div><div>3</div><div>Safety clip</div><div>Attach closer to the fixture than the connector</div></div>	
	<div>Wiring connection</div> <div>Please connect according to the description of a power supply.</div> <div>When connecting the driver, careful attention should be paid to connecting + and −.</div> <div>Metal part in a cable point, please don't touch with bare hand directly.</div>	<div><div>Wiring diagram</div><div>PE N L</div><div>DC900mA MAX</div><div>37.9V +RED</div><div>-BLACK</div><div>LED</div><div>Driver</div><div>CAUTION !</div><div>Do not reverse polarity !</div><div>+ RED</div><div>- BLACK</div></div>	
	<div>Adjustment of irradiation direction</div> <div>1 Grasp the fixture and adjust the irradiation direction</div> <div>Do not forcibly move beyond the movable range</div> <div>Please adjust the fixture after turning off the power and cooling the fixture</div>	<div>Range of movement</div> <div>10°</div> <div>90°</div> <div>380°</div>	<div>Direction of irradiation</div> <div>Do not expose instruments upwards</div> <div>It is dangerous because dust etc. will be heated and accumulated</div>

	Installation Details	Installation Diagram • Caution		
	<div>Optional parts installation</div> <div>1 Turn around the hood.</div> <div>2 Pull out the hood from the body.</div> <div>3 Turn around the option holder, and put out .</div> <div>4 Put a filter in hood.</div> <div>5 Turn around the option holder, and put in.</div> <div><div><div>⚠a</div><div>Please attention that the sharpener lens is counted two pieces of filter lenses.</div></div><div><div>⚠</div><div>Don't put in the filters than the rule number of pieces.</div><div>Causes of falling and damage.</div></div><div><div>⚠</div><div>To rotate the holder, please wear a flat head screwdriver at the cut.</div></div><div><div>⚠b</div><div>Align the markings of the hood and the body, please turn it clockwise until it clicks.</div></div></div>	<div><div><div><div><div>Body</div><div>Hood</div></div><div>OPTION HOLDER</div><div>FILTER</div><div>UP to 2FILTERS</div><div>cut</div></div></div></div>	<div><div><div><div><div>⚠a</div><div>UP to 2FILTERS</div><div>OPTION HOLDER</div><div>Sharpner lens</div></div><div><div>×</div><div>×</div></div></div><div><div>⚠b</div><div></div></div></div></div>	
	<div>Tilting angle setting</div> <div>1 Please loose a screw by the hexagonal wrench,and unrock.</div> <div>Please regulate a point of view to a scale.</div> <div><div><div>⚠</div><div>Please use an attached hexagon wrench by all means.</div></div></div>	<div><div>Pan lock</div><div>Tilt lock</div></div>	<div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div></div></div></div>	