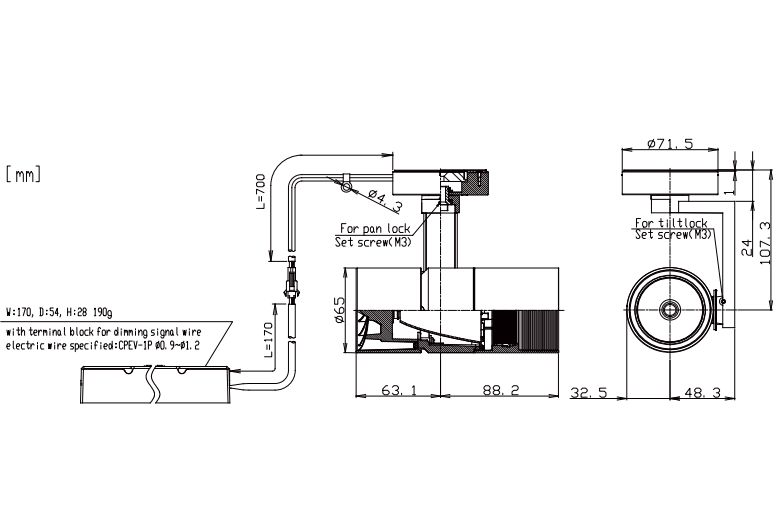


MMP-080S/3H/MS/10B/Z2/3


	Weight	Light Source LED module
	0.74kg	Dedicated Driver Constant Current
	Rotate degrees	Input Voltage 220V/240V±6% 50Hz/60Hz
	10°	Input Current 0.102A/0.095A
	90°	Power Consumption 20.6W/20.7W
		Dimming method 0-10V
		Fixture
		Input Voltage 37.1V
		Input Current 0.5A
		Dimmer
		SR-2830AS-1-10V
		OPTION
		Full diffuser lens MLA-080/DF01
		Semi diffuser lens MLA-080/DS03
		Full spread lens MLA-080/SF01
		Semi spread lens MLA-080/SS01
		Edge control filter MLA-080/EC02
		Sharpener lens filter MLA-080/SH01
		(available only for narrow distribution)

ModuleX

Installation Guide

Lighting Fixture

MMP-080S/3H/MS/10B/Z2/3

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	🚫	The fixture is for indoor use only in general conditions. Can not be used following conditions (Causes of falling, electrocution and fire) <div>●Areas get direct sunlight ●Plases affected by wind or air-conditioner mashine ●On the floor ●Vibrated or shocked areas ●Outside ●Ambient temperature under 0℃ and over 35℃ ●Near fire ●Ceiling which can't hold the fixture weight ●High humidity ●Dusty areas, corrosive gas outbreaks areas ●Inclined, uneven surface</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-080S/3H/MS/10B/Z2/3

	Installation Details	Installation Diagram • Caution
	<div>Installation</div> <div><div>1</div><div>Prepare a mounting surface with no irregularities and a magnet attached</div></div> <div><div>2</div><div>Attach the magnet case slowly close to the mounting surface</div></div> <div><div>3</div><div>Secure the included safety clip securely with screws within 300 mm from the fixture</div></div>	<div><div>1</div><div>Mounting surface</div><div><div>2</div><div>↑</div></div><div><div>3</div><div>within 300mm</div></div></div>
	<div>After installing the fixture, make sure that it is securely attached</div> <div><div>⚠</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><div>1</div><div>Connect the bundled dedicated Driver to the connector of Luminaire</div></div> <div><div>2</div><div>Please connect according to the description of the power supply.</div></div> <div><div>3</div><div>Install a dedicated driver on the ceiling</div></div>	<div><div><div>⚠a</div><div>Driver side</div><div>Lock</div><div>Luminaire side</div></div><div>Wiring diagram</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>Dips to set the operation current 1 2 3 4</div><div>⚠ Do not change settings</div></div>
	<div>Be sure to turn off the power before working</div> <div><div>⚠a</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)</div></div> <div><div>⚠</div><div>Do not touch the metal terminals on the inside of the connector directly with your hands.</div></div>	
	<div>Adjustment of irradiation direction</div> <div><div>1</div><div>Grasp the fixture and adjust the irradiation direction</div></div>	<div><div>Range of movement</div><div><div>10°</div><div>90°</div><div>380°</div></div><div><div>⚠</div><div>Direction of irradiation</div><div>Do not expose instruments upwards It is dangerous because dust etc. will be heated and accumulated</div></div></div>
	<div>Do not forcibly move beyond the movable range</div> <div><div>⚠</div><div>Please adjust the fixture after turning off the power and cooling the fixture</div></div>	

	Installation Details	Installation Diagram • Caution
	<div>Optional parts installation</div> <div><div>1</div><div>Turn around the hood.</div></div> <div><div>2</div><div>Pull out the hood from the body.</div></div> <div><div>3</div><div>Turn around the option holder, and put out .</div></div> <div><div>4</div><div>Put a filter in hood.</div></div> <div><div>5</div><div>Turn around the option holder, and put in.</div></div>	<div><div><div>Body</div><div>Hood</div><div>OPTION HOLDER</div><div>UP to 2FILTERS</div><div>FILTER</div><div>cut</div></div><div><div>⚠b</div><div>UP to 2FILTERS</div><div>OPTION HOLDER</div><div>Sharpner lens</div></div><div><div>⚠c</div></div></div>
	<div><div>⚠b</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. 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>⚠c</div><div>Align the markings of the hood and the body, please turn it clockwise until it clicks.</div></div>	
	<div>Tilting angle setting</div> <div><div>1</div><div>Please loose a screw by the hexagonal wrench,and unrock.</div></div> <div>Please regulate a point of view to a scale.</div>	<div><div>Pan lock</div><div>Tilt lock</div></div>
	<div><div>⚠</div><div>Please use an attached hexagon wrench by all means.</div></div>	