

MEGAMAN® DINO with PIR sensor

Integrated Waterproof LED Batten

F50200SM/F50400SM/F50800SM

Instruction Manual

PIR sensor specification:

Model number	F50200SM	F50400SM	F50800SM
Wattage	41.5W	63W	19.5W
Voltage	220-240V~	220-240V~	220-240V~
Frequency	50/60Hz	50/60Hz	50/60Hz
Power factor	>0.9	>0.9	>0.9
IP rating	IP66	IP66	IP66
IK rating	IK08	IK08	IK08
Length	1352mm	1652mm	752mm
Maximum number of loop-through connection (Maximum current = 6A)	30	19	63
Maximum length of cable* connection	410m	410m	410m

*Remarks: including power cable and cable for inter-connecting MEGAMAN® DINO.

CAUTIONS

- Read the entire manual carefully before installation and operation.
- Before installation, replacement and cleaning of the luminaire, turn it off and allow it to cool down. Heat-resistant gloves are mandatory when handling the luminaire.
- The suggested installation height is above 2.5m and the minimum safety distance from the illuminated object is 0.1m.
- The luminaire is not suitable to be used in dimmer circuits.






- The manufacturer accepts no liability for any damage resulting from the misuse of the luminaire or from when it is used with inappropriate equipment.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- Caution to the risk of electric shock during installation or maintenance. ⚠
- Consult your dealer if you have any enquiries.

ATTENTION

- Instant start is allowed.
- Designed for indoor and outdoor applications.
- The operating temperature is -20°C to +50°C.
- To optimise the waterproof performance, it is recommended to use oil resistant rubber cable (power cable), H07RN-F/2G1.5.

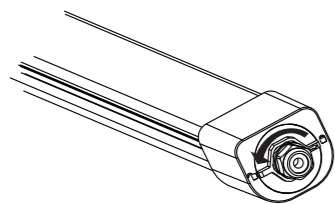
- If the external flexible cable of the luminaire is damaged, it should be replaced by a licensed and qualified electrician to avoid any accidents.
- DO NOT REMOVE the plastic clip on the MEGAMAN® DINO.
- MEGAMAN® DINO is a Class II luminaire and NO EARTH function in the luminaire.

PART LIST

A1	A2	A3
Mounting Clips	Screw	Raw Plug
		
2 pcs	2 pcs	2 pcs

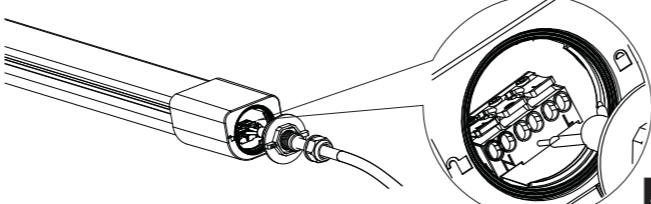
Wiring

• Open waterproof socket.



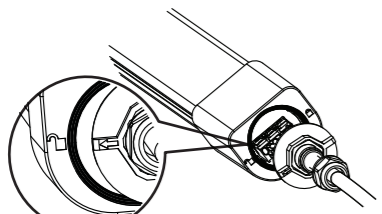
Step1

• The power cable is passed through the cable gland. Wire is connected to the terminal block as shown below.



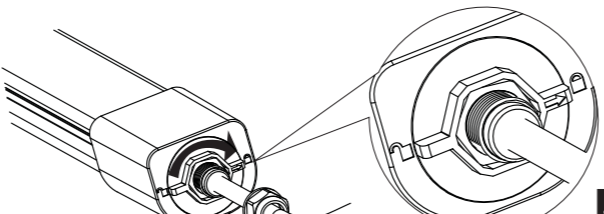
Step2

• Arrow mark (↔) on the knob should adjust toward the unlock mark (🔓) on the luminaire.



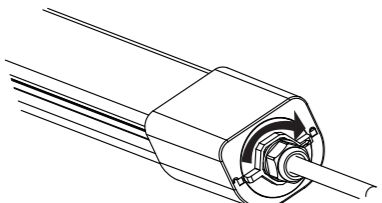
Step3

• Turn clockwise until the arrow mark (↔) pointed to (🔒) to ensure securely locked.



Step4

• To ensure waterproof protection of luminaire, the cable gland should be tighten properly with minimum torque of 1.2Nm.



Step5

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MEGAMAN® DINO with PIR sensor

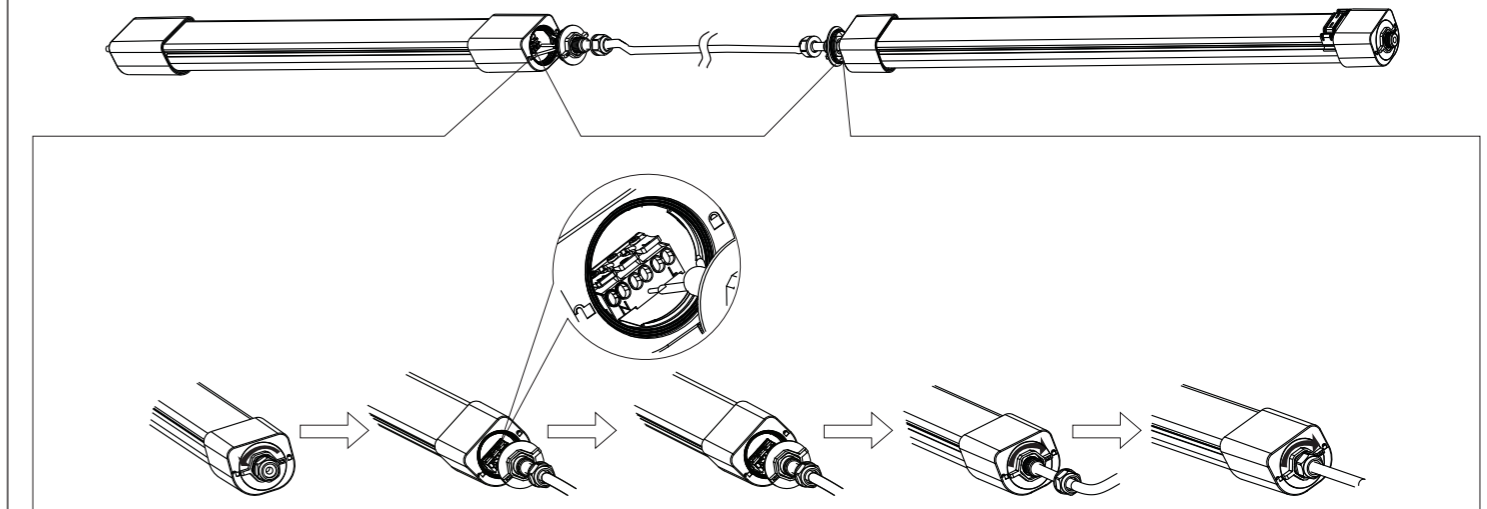
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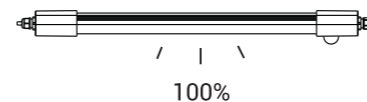
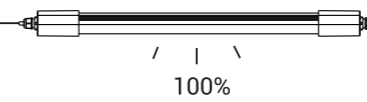
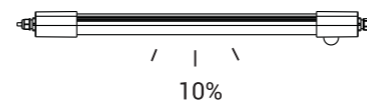
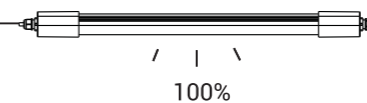
F50200SM/F50400SM/F50800SM

Instruction Manual

Multiple Connections

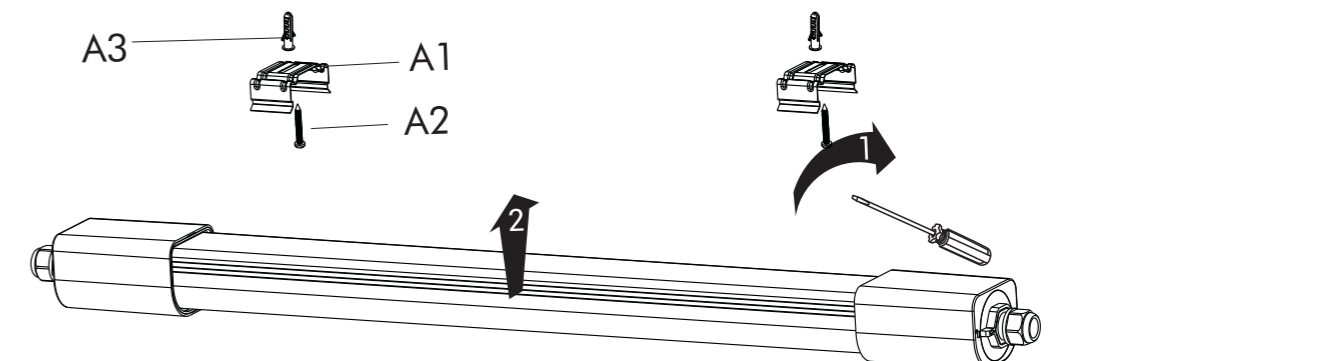
- One side of the MEGAMAN® DINO is connected to the power supply, and the other side is connected with another MEGAMAN® DINO, the loop wiring can be applied when connecting two or more MEGAMAN® DINO(s) together.
- Note that PIR sensing is independent of every MEGAMAN® DINO and will not follow the same wiring signal from previous.



MEGAMAN® DINO with PIR sensor	MEGAMAN® DINO	Multiple connection quantity
		F50200SM <30
100%	100%	F50400SM <19
		F50800SM <63
10%	100%	

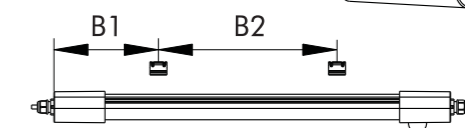
Installation

- Fasten the mounting clips (A1), to wall or ceiling surface with the screw(A2) and raw plug (A3).

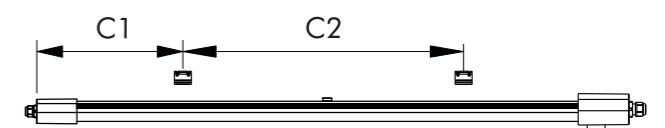


- Suggested distance between the mounting clips:

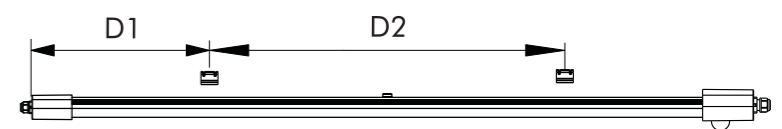
The length of MEGAMAN® DINO	Distance for B1 (mm)	Distance for B2 (mm)
752mm	172~197	305~355



The length of MEGAMAN® DINO	Distance for C1 (mm)	Distance for C2 (mm)
1352mm	172~197	905~955



The length of MEGAMAN® DINO	Distance for D1 (mm)	Distance for D2 (mm)
1652mm	172~197	1205~1255



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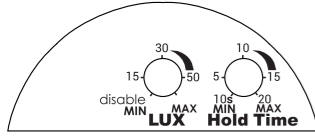


Instruction Manual

PIR sensor specification:

Detection distance:	Max. diameter 14.5m
Hold time :	10s/5min/10min/15min
Day light sensor:	15lux/30lux/50lux/disable
Detection height :	8m Max.

Setting :



Testing Mode (Happen on every first time switch on) :

When the power switch on, full brightness will be kept at 30s, followed by 10% brightness in 5sec and then full brightness another 5 sec.

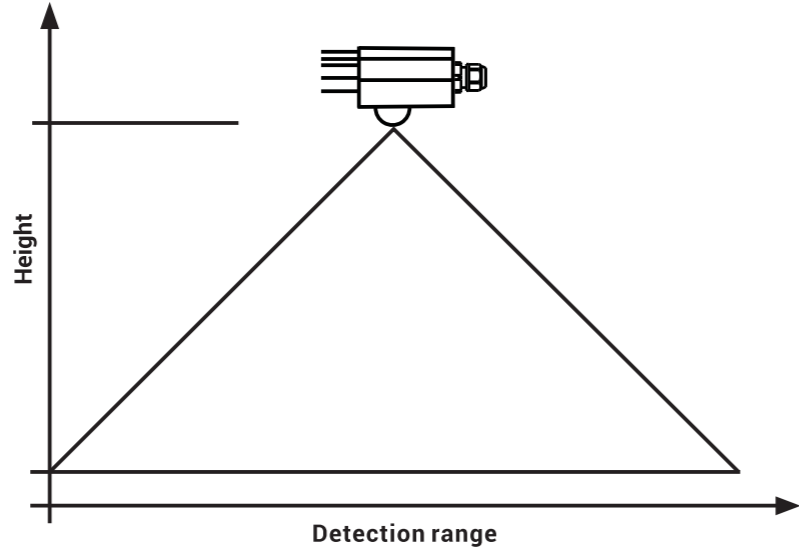
Stand by mode :

After testing mode, luminaire is dimmed to 10% brightness. Luminaire can be activated to full brightness when object detected by PIR sensor.

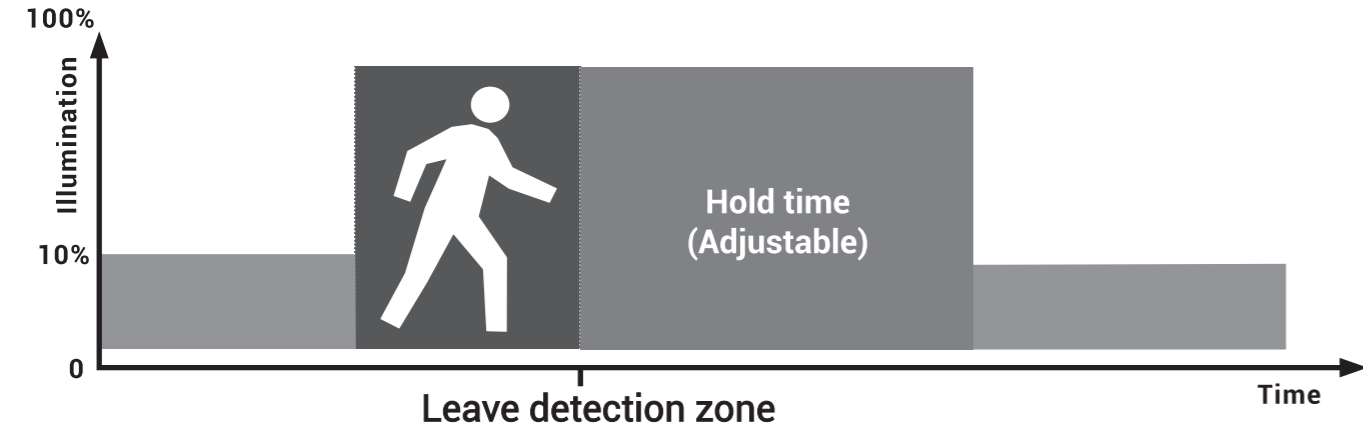
Detection range:

Height(m)	Detection range (Diameter)(m)
2	5
3	7
4	11
5	13
6	13
7	14
8	14

*20% tolerance subject to the environment conditions.



Operation Summary



Correct Disposal of This Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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