

MEGAMAN® DINO with PIR sensor

Integrated Waterproof LED Batten

F50200SM/F50400SM/F50800SM



Instruction Manual


IR 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 |
| K rating | IK08 | IK08 | IK08 |
| Length | 1300mm | 1600mm | 700mm |
| Maximum number of loop-through connection | 30 | 19 | 21 |
| 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. It is recommended that the installation or replacement be performed by a licensed and qualified electrician. 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. 


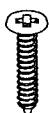

- The luminaire is not suitable to be used in dimmer circuits.
- The manufacturer accepts no liability for any damage resulting from the misuse of the luminaire or from when it is used with inappropriate equipment.
- Consult your dealer if you have any enquiries.

ATTENTION

Instant start is allowed. Designed for indoor and outdoor applications. The operating temperature is -20°C to +40°C. To optimise the waterproof performance, it is recommended to use oil resistant rubber cable (power cable), H07RN-F/2G1.5.

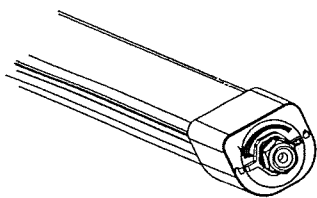
- If the external flexible cable of the luminaire is damaged, it should be replaced by a licensed and qualified electrician to avoid any accidents.
- DO NOT REMOVE the plastic clip on the MEGAMAN® DINO.
- MEGAMAN® DINO is a Class II luminaire and NO EARTH function in the luminaire.

PART LIST

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

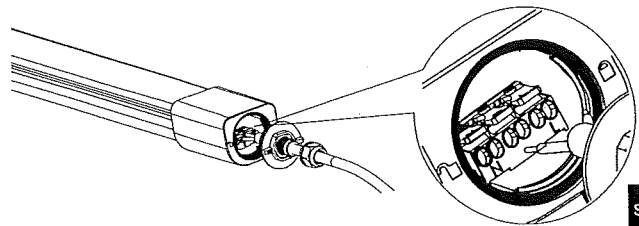
Wiring

Open waterproof socket.



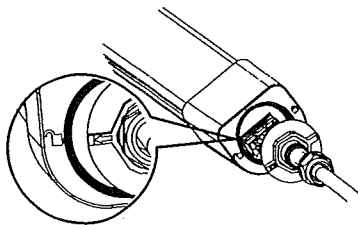
Step1

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



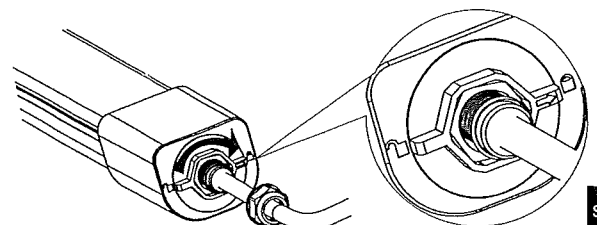
Step2

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



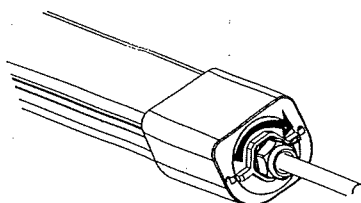
Step3

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



Step4

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



Step5

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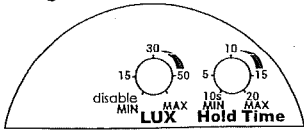


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PIR sensor specification:

| | |
|---------------------|---------------------------|
| 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.

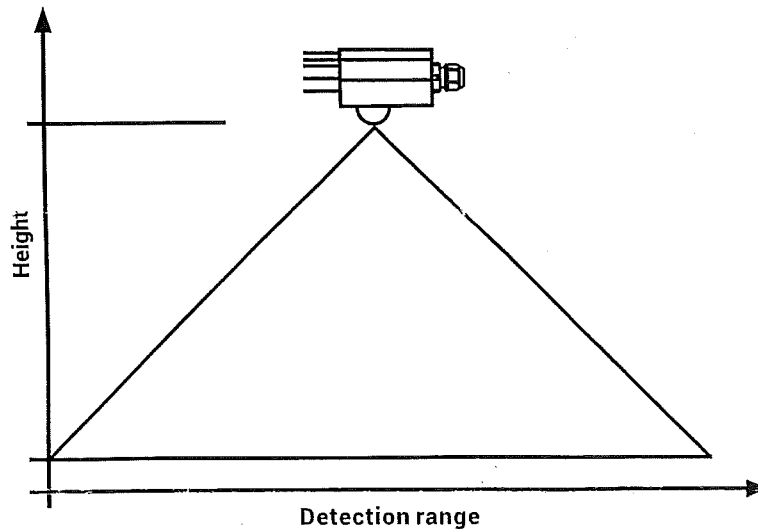
Stand by mode:

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

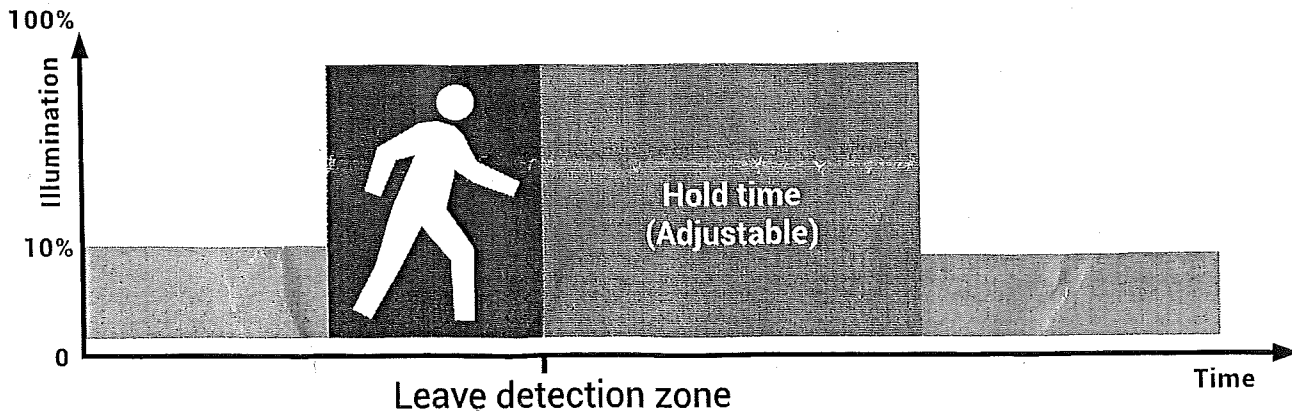
Detection range:

| 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

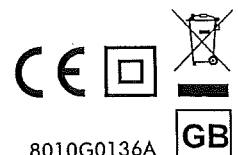


Correct Disposal of This Product

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.

Neonlite Electronic & Lighting (HK) Ltd.

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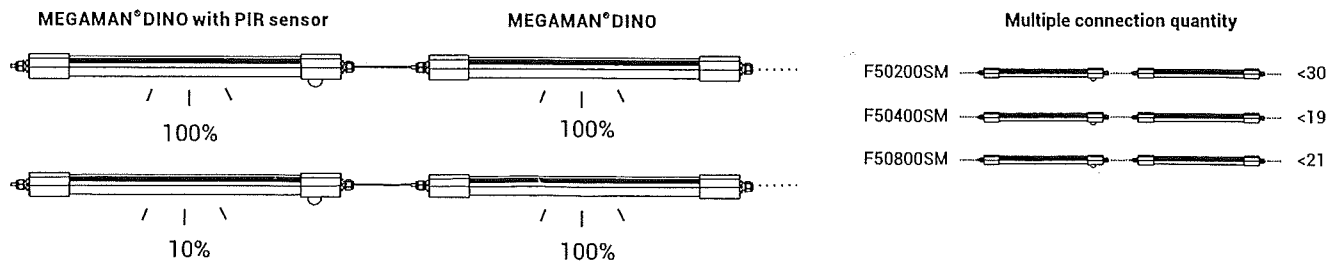
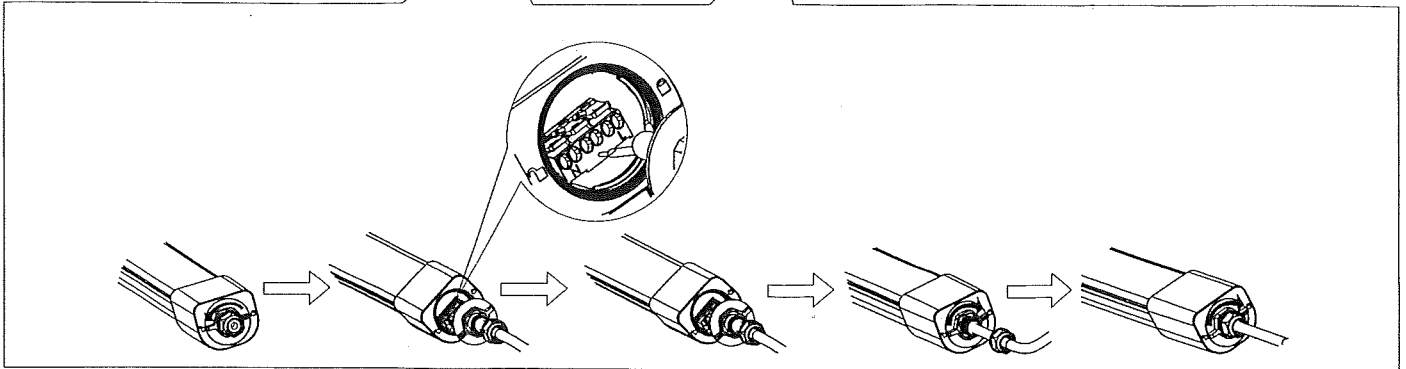
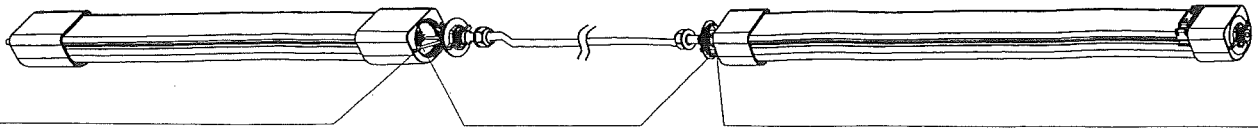
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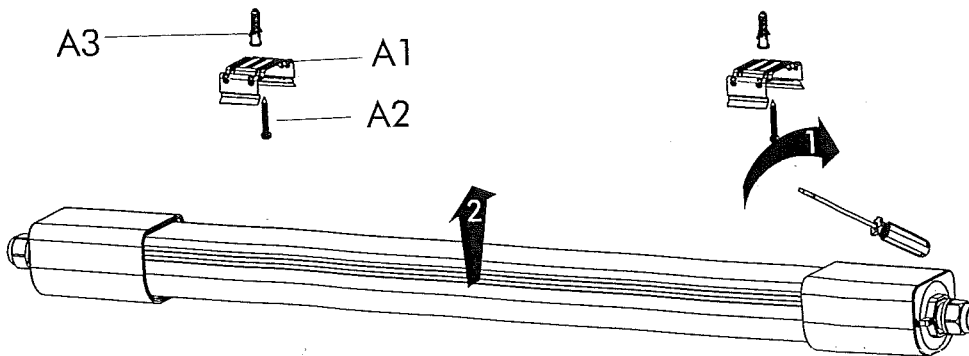
Multiple Connections

- 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.



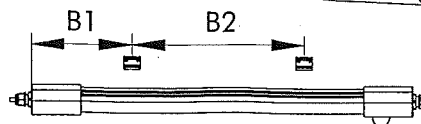
Installation

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

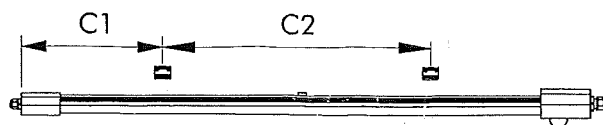


- Suggested distance between the mounting clips:

| The length of MEGAMAN® DINO | Distance for B1 (mm) | Distance for B2 (mm) |
|-----------------------------|----------------------|----------------------|
| 700mm | 172~197 | 305~355 |



| The length of MEGAMAN® DINO | Distance for C1 (mm) | Distance for C2 (mm) |
|-----------------------------|----------------------|----------------------|
| 1300mm | 172~197 | 905~955 |



| The length of MEGAMAN® DINO | Distance for D1 (mm) | Distance for D2 (mm) |
|-----------------------------|----------------------|----------------------|
| 1600mm | 172~197 | 1205~1255 |

