

※ Make sure to read this operating manual before use for your safety and proper use.

AUTOLIGHTING MANUAL (Motion Sensor Switch)

Rev 1.0



MODEL

- PS-12A
- PS-16A



! Warning Especially never use it where safety and property is in risk.

- Visit our website(www.hsa2000.co.kr) and find the products you need.

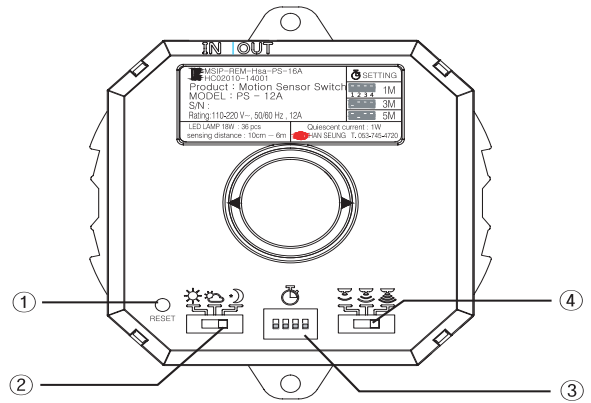
 **HAN SEUNG**



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1. Descriptions of parts

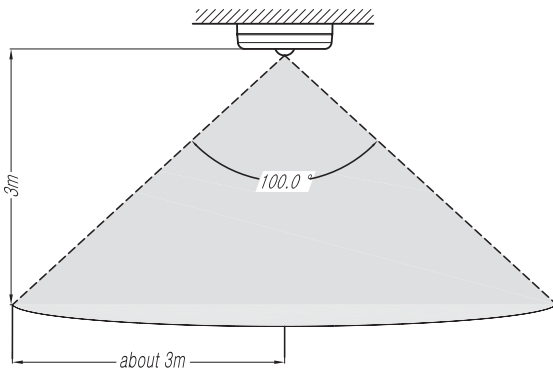


- ① **RESET** : Restart the product when malfunctioned
- ② **ILLUMINANCE SET**
 - ☀ - Sensing regardless of illuminance
 - ☁ - Sensing under 60 lux
 - ☾ - Sensing under 10 lux
- ③ **ON TIME SET**
Set how long turn the light(load) on after last sensing among 1, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 90, 120, 150, 180, 240 Min
- ④ **SENSITIVITY SET**
 - 📡 - High Sensitivity
 - 📶 - Normal Sensitivity
 - 📶 - Low Sensitivity

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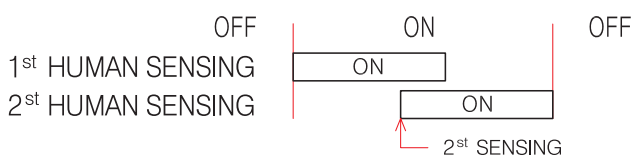
2. Operating

1) OPERATING RANGE



- ◆ OPERATING RANGE \approx INSTALLATION HEIGHT
- ◆ RECOMMENDED MAX HEIGHT = 6m

2) SWITCH ON

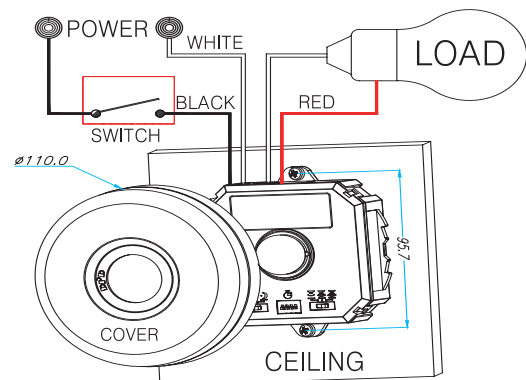


※ ON Timer (the lighting hour) Starts after last sensing

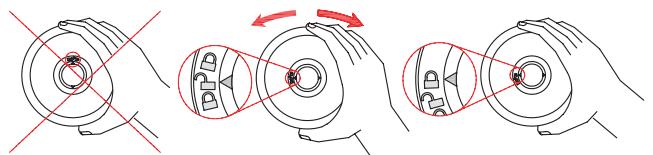
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3. Installation

- 1) When installing, switch off.
- 2) Must be installed on the ceiling.
- 3) Supply electrical power(1sec blink means normal.)
- 4) Install the cover.





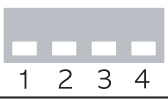
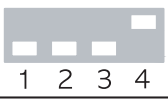














- ◆ Put the cover on and turn clockwise or counterclockwise.



- Mind the position of grab

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4. Setting

SETTING TIME		 	
1M 	40M 	1 2 3 4	1 2 3 4
3M 	50M 		
5M 	60M 		
10M 	90M 		
15M 	120M 		
20M 	150M 		
25M 	180M 		
30M 	240M 		

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5. Specifications

AUTOLIGHTING (MOTION SENSOR SWITCH)		
MODEL	PS-12A	PS-16A
SENSING DISTANCE	10cm < DISTANCE < 6m	
SENSING ANGLE	100°	
RATED VOLTAGE	AC110~220V, 50/60Hz	
RATED CURRENT	12A (1A)	16A (3A)
CURRENT CONSUMPTION	LESS THAN 1W	
OUTPUT	Voltage Output Type	
DIMENSION	External Diameter ϕ 110mm, Height 29mm	

※ Do not directly connect electric heater and the motor load. Use magnetic connector for connection.

※ Use under 80% of the rated load for long lifetime use without malfunction.

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6. Caution

- 1) Thank you purchasing this product.
- 2) Install this product indoors where it is not damped and where proper ventilation is possible. It is not usable where it is exposed directly to water.
- 3) Avoid wet, humid place for safe installation.
- 4) The manufacturer is not responsible for problems caused by customer negligence when modified or disassembled by the customer.
- 5) Make sure to attach additional magnetic contactor when load capacity is higher than rated capacity.
- 6) Strong light and high temperature from Halogen lamp, Sun light or heater may cause malfunction.
- 7) In case of fluorescent lamp, set the time longer than 10" for the durability of lamp.
- 8) Arrange safety net such as duplex circuit, if loss of wealth is expected when product malfunctions.

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7. Warranty

◆ This product has been inspected and quality managed thoroughly.

- 1) The manufacturer will repair free of charge when contacted within 18 months from manufactured date in case of malfunctions during normal operation or manufacturing defects.
- 2) Exception: Customer will be charged for repairs within warranty period in case of following conditions.
- 3) This Operating Manual will not be re-issued and should be well kept.

Charged Customer Service

- 1) After warranty period.
- 2) Malfunction or damage caused by customer negligence within warranty period.
- 3) Malfunction caused by improper handling.
- 4) Malfunction caused by natural disasters.
- 5) Product repaired and modified or damaged by other than the employee of the manufacturer.



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