By selecting the combination on the DIP switches, sensor data can be precisely set for each specific application.

SETTINGS (DIP SWITCH) ＊ - Factory default setting

Detection area, hold time, stand-by period, stand-by DIM level and daylight sensor can be set by using DIP switches on the sensor. Note that reducing the detection area will also reduce the sensitivity.

Detection area

I: up to 100%
II: up to 75%
III: up to 50%
iv: up to 10%

	1	2	
I	ON	ON	100% ＊
II	ON	–	75%
III	–	ON	50%
IV	–	–	10%

ON ↑

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

I: 5s
II: 30s
III: 1min
IV: 3min
V: 20min
VI: 30min

	3	4	5	
I	ON	ON	ON	5s
II	–	ON	ON	30s ＊
III	ON	–	ON	1min
IV	–	–	ON	3min
V	ON	ON	–	20min
VI	–	ON	–	30min

ON ↑

Stand-by period

Refers to the time period the lamp remains at a pre-setting dimming level before it completely switches off in the long absence of people.

I: 0s
II: 5s
III: 5min
IV: 10min
V: 30min
VI: 60min
VII: +∞

	6	7	8	
I	ON	ON	ON	0s
II	–	ON	ON	5s ＊
III	ON	–	ON	5min
IV	–	–	ON	10min
V	ON	ON	–	30min
VI	–	ON	–	60min
VII	–	–	–	+∞

ON ↑

*When set to 0s, the lamp will work as on/off function
*When set daylight sensor to "Disable" and stand-by period to "+∞ ".
  the lamp will work as 2-step dimming control (Motion detected, 100% lumens, no motion, remains at pre-setting level lumens)

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. The settings are as follows:
I: 5lux, darkness operation only
II: 15lux, darkness operation only
III: 30lux, twilight operation
IV: 50lux, twilight operation
V: 100lux, twilight operation
VI: 150lux, twilight operation
VII: Disable*

	1	2	3	4	5	
I	ON	ON	ON	ON	ON	5Lux
II	–	ON	ON	ON	ON	15Lux
III	ON	–	ON	ON	ON	30Lux
IV	ON	ON	–	ON	ON	50Lux
V	ON	ON	ON	–	ON	100Lux
VI	ON	ON	ON	ON	–	150Lux
VII	–	–	–	–	–	Disable ＊

ON ↑

*When set to Disable Mode, the sensor will switch on the lamp when motion is detected regardless of ambient light levels.

Mode
I: HS (high sensitive)
II: LS (low sensitive)

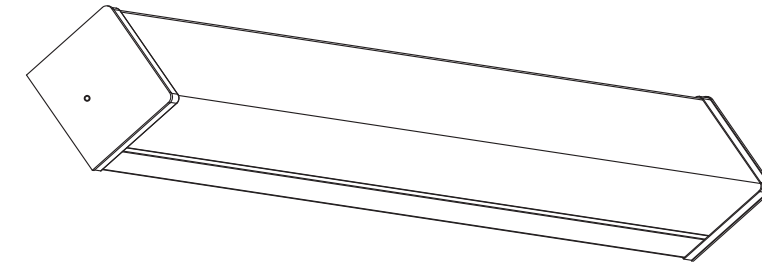|	6	
I	ON	HS ＊
II	–	LS

ON ↑

Stand-by dimming level
This is the pre-setting dimming level you would like to have after the hold time in the long absence of people.

I: 50%
II: 20%
III: 10%

	1	2	
I	–	ON	50% ＊
II	ON	–	20%
III	–	–	10%

ON ↑

FAQ

Question	Cause	Remedy
The load will not illuminate	Incorrect daylight sensor setting selected.	Adjust setting.
	Load has failed.	Replace load.
	Power is switched off.	Switch on.
The load is permanently illuminated.	Continuous movement in the detection area.	Check detection area setting.
	The lamp (containing sensor) is installed in an area too close to reflective surfaces, i.e. metal, glass or concrete walls.	1, Make sure installation area suitable with at least 100cm space between lamp and surrounding reflective surfaces. 2, Reduce sensitivity (detection area).
The load will not illuminate despite movement.	Speed of moving object is not in the range of 0.5-3m/s or the detection radius is too small.	Check detection area setting.
The remote control is not working.	The battery on the remote control is run out.	Change the battery.
	The remote control is not aligned with sensor.	Change the remote angle.

LED STAIRWELL LIGHT

Model	Length	Watts	Input Volt.	Micro. sensor	Dimmable
4115DM-WH	2 FT	20W	120V/277V	N/A	0~10V Dimming
4116DM-WH 1	4 FT	40W	120V/277V	N/A	0~10V Dimming
4115DM-WH-OS	2 FT	20W	120V/277V	with sensor	0~10V Dimming
4116DM-WH-OS 1	4 FT	40W	120V/277V	with sensor	0~10V Dimming

SAFETY INFORMATION

⚠ WARNING – Turn off the main power at the circuit breaker before installing and servicing the fixture to prevent possible injury from electric shock.

- All electrial connections must be in accordance with local and National Electrical Code (N.E.C.) standards.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

ASSEMBLY & INSTALLATION (see FIG.1)

Carefully unpack the fixture. Lay out all parts on a clean surface and make sure there is no parts missing.

1. Pull the supply wires (4 & 5) and house ground wire (6) out from the outlet box (1) before attaching wall plate to outlet box (1).

2. Place the mounting wall plate (3) over the outlet box, align the mounting slots of wall plate with holes of outlet box as shown. Use level to ensure wall plate (3) is straight.

3. Mark the location of the keyhole slots of the wall plate on the wall. Drill a ¼" holes at the narrow end of each keyhole slot marking on the wall. Carefully hammer a wall anchor into each drilled hole.

4. Replace the mounting wall plate(3) over outlet box, align the narrow end of each keyhole slot with its respective wall anchor. Feed the anchor screws (8) through the keyholes slots and thread them into the wall anchors until wall plate is flush against the wall. Additionally, fasten wall plate to thread holes in outlet box by using two outlet box screws (2).

5. See Fig. 2 to make electrical connections by using wire nut (7). Wrap all wire connections with electrical tape to ensure secure connection.

6. Secure the fixture base(13) to the wall plate by using four wing screws (12).

7. Place the Lens (14) and attach end caps (15) to fixture, hold lens and secure firmly by using two ball nuts(16).

8. Installation is complete, restore power at the circuit breaker and turn light switch on to activate this fixture.

Care and maintenance - Use a clean, soft cloth to wipe the surface of the fixture.
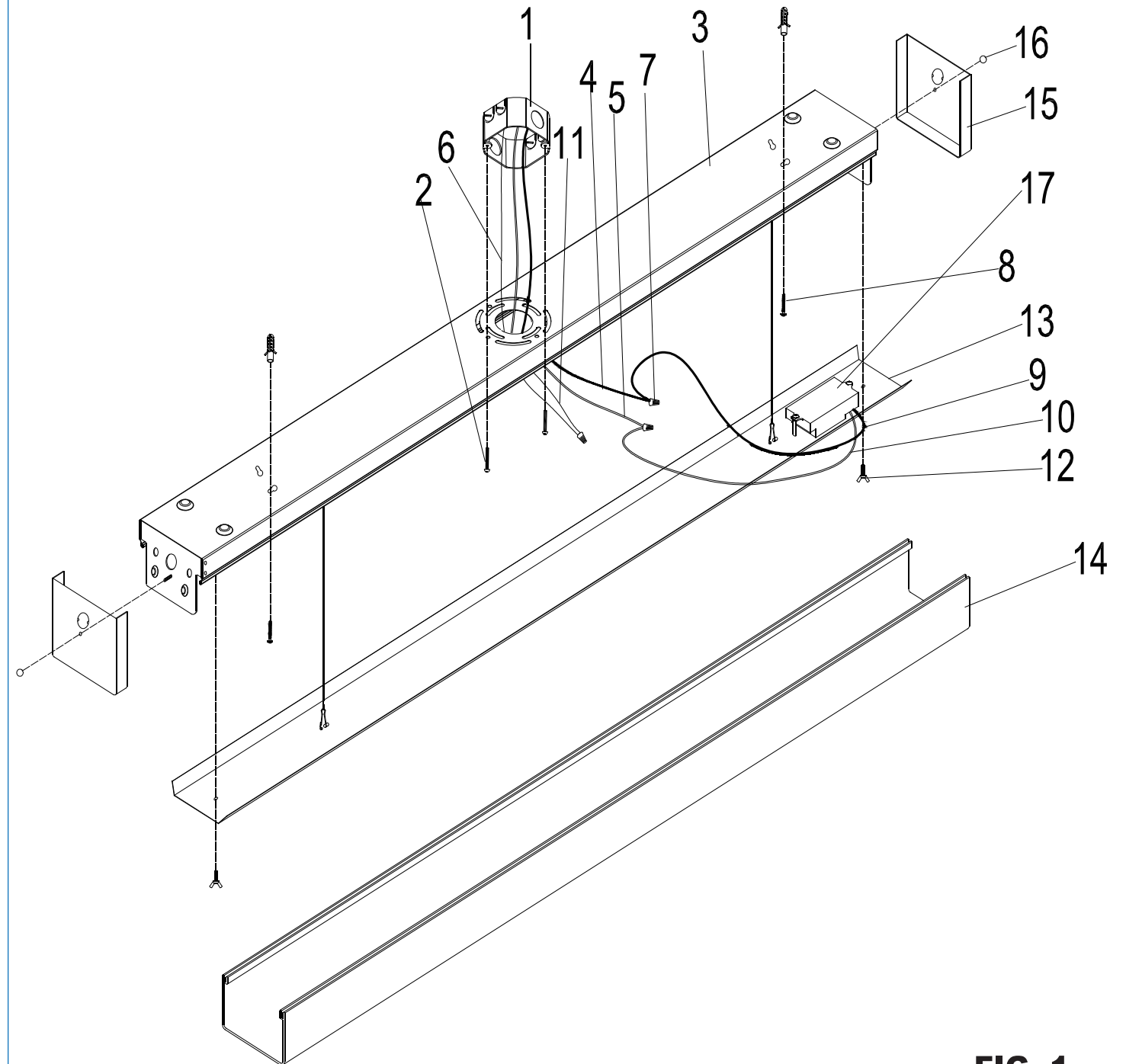DO NOT use any cleaners with chemicals, solvents or harsh abrasives.

FIG. 1

1. OUTLET BOX (not included)
2. OUTLET BOX SCREWS * 2PCS
3. MOUNTING WALL PLATE
4. WHITE SUPPLY WIRE
5. BLACK SUPPLY WIRE
6. HOUSE GROUND WIRE
7. WIRE NUTS * 3PCS
8. ANCHOR SCREWS * 4PCS
9. WHITE FIXTURE WIRE
10. BLACK FIXTURE WIRE
11. FIXTURE GROUND WIRE
12. WING SCREWS * 4PCS
13. FIXTURE BASE
14. LENS
15. END CAP * 2PCS
16. BALL NUTS * 2PCS
17. MICROWAVE MOTION SENSOR

⚠ WARNING

To avoid possible fire or electrical shock,make certain no bare wire strands are exposed outside wire connectors.

👉 **WIRE CONNECTION**　　**FIG. 2**

(4) White Supply　　　(5) Black Supply
(6) Supply Ground Wire　　(11) Fixture Ground Wire
(9) White Fixture　　　(10) Black Fixture