IMPORTANT SAFEGUARDS
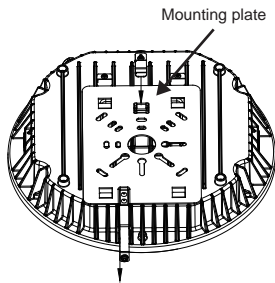# READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

When using electrical equipment, basic safety precautions should always be followed including the following:

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition. Any modification or use of non-original components will void the warranty and product liability.
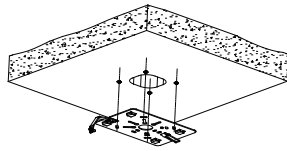- Do not use this equipment for other than intended use.

SAVE THESE INSTRUCTIONS!

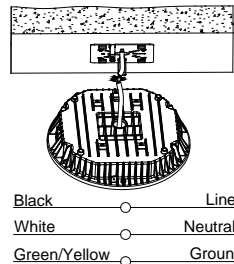## Surface-mounted with recessed junction box

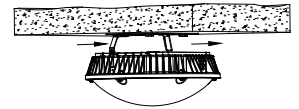1. Loosen the screws on both side of the mounting plate to release it.

2. Install the mounting plate to the ceiling and route wires through center hole.

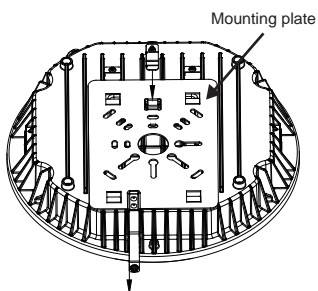3. Hang fixture from mounting plate using the safety clip then make electrical connections as shown.

4. Slide fixture back onto the mounting plate and re-install both screws to secure canopy to the ceiling.

Mounting plate

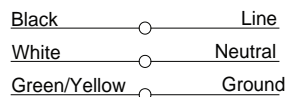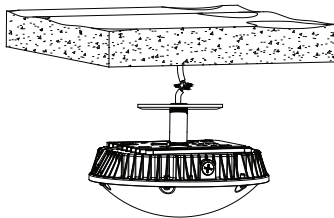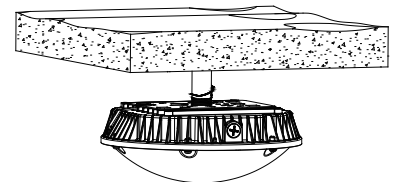| Black | Line |
| White | Neutral |
| Green/Yellow | Ground |

Pendent installation with 3/4" conduit

1. Loosen the screws on both side of the mounting plate to release it.

2. Route wires thru 3/4" conduit then make electrical connections as shown. Attached pendant hardware (provided by other) to fixture.
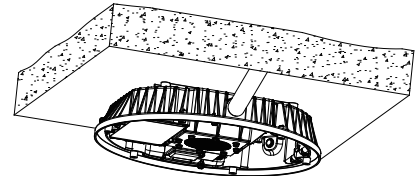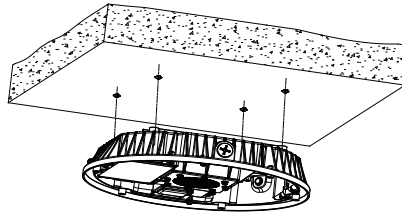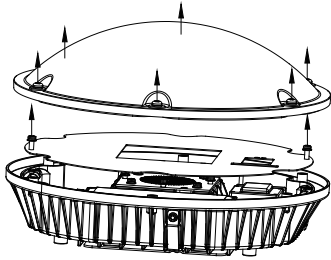
3. Secure pendant to junction box.

Mounting plate

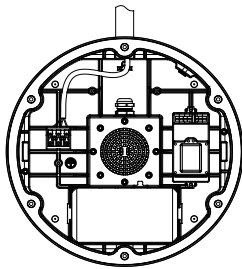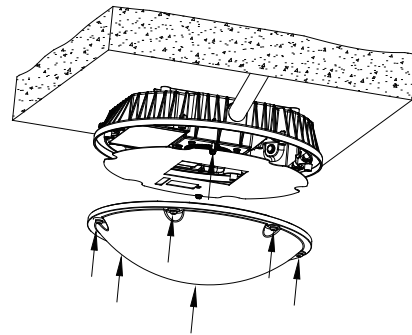| Black | Line |
| White | Neutral |
| Green/Yellow | Ground |

Surface-mounted with side-wiring conduit

1. Remove lens and metal cover from unit and set aside.

2. Disconnect wires coming out of 3/4" hole and seal hole with provided plug. Drill 4 holes in desired surface area and fix unit securely with suitable screws.

3. Remove desired 1/2" knockout and connect conduit.

4. Route wires through 1/2" hole and conduit. Make electrical connections as shown.

5. Re-install metal cover and lens. Make sure no wires are pinched or exposed.
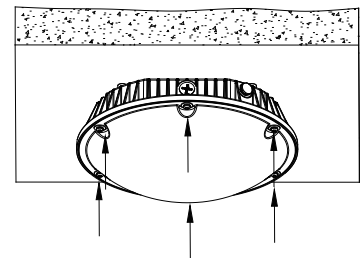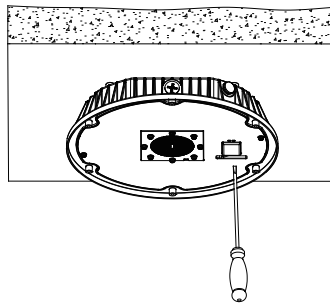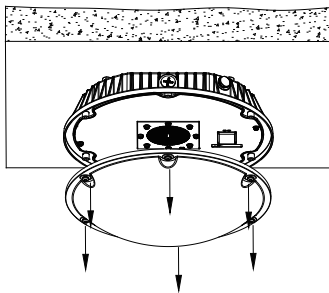
Black	Line
White	Neutral
Green/Yellow	Ground

Sensor set-up

1. Remove lens and set aside.

2. Adjust DIP switches according to programing needs. Refer to **Sensor settings**.

3. Re-install lens and test.

Sensor settings

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

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

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application. Default set at 100%

	3	4	5	
I	ON	ON	ON	5S
II	–	ON	ON	30S
III	ON	–	ON	90S
IV	–	–	ON	3min
V	ON	ON	–	20min
VI	–	–	–	+∞

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected. Default set at 30 seconds.

	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	–	1h
VII	–	–	–	Disable

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to "+∞" mode, the low light is maintained until motion is detected. Default set to 5 minutes.

	1	2	3	4	
I	–	–	ON	ON	2Lux
II	–	–	–	ON	5Lux
III	–	ON	ON	–	10Lux
IV	–	–	ON	–	25Lux
V	–	ON	–	–	50Lux
VI	ON	–	–	–	100Lux
VII	–	–	–	–	Disable

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux, 30lux: twilight operation, 10lux, 5lux: darkness operation only. Default set to disable.

Note that daylight sensor is active only when lamp totally switches off.

	5	6	
I	ON	ON	50%
II	–	ON	30%
III	ON	–	20%
IV	–	–	10%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people. Default set as 30%.