Stairwell Luminaire

Installation Instruction

⚠ WARNING

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.

- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.

- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

⚠ WARNING

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

⚠ CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
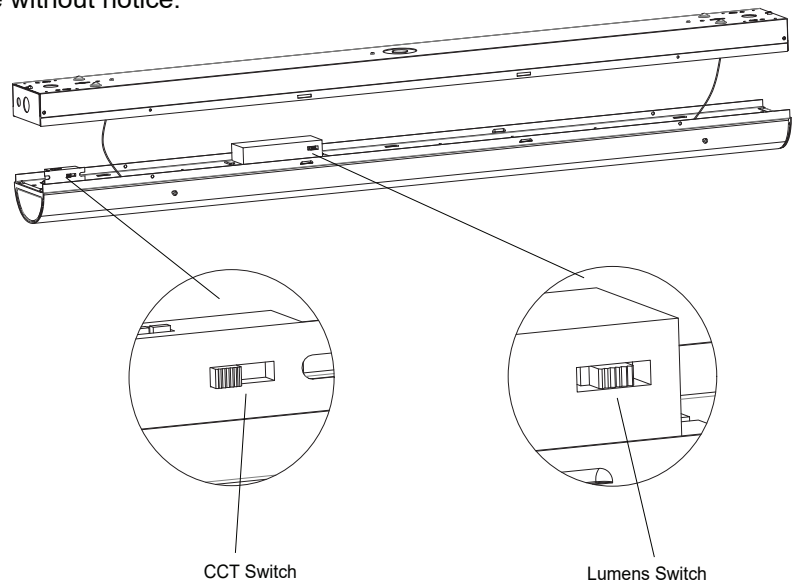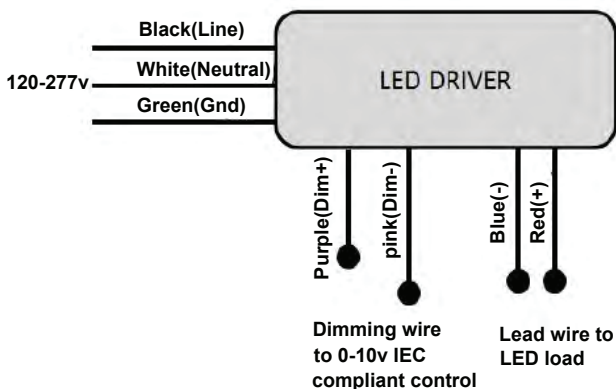- Risk of burn. Disconnect power and allow fixture to cool before changing bulb or handing fixture.

NOTICE: Green ground screw provided in proper location.Do not relocate.
NO TICE: Minimum 90° supply conductors.
NOTICE: Specifications and dimensions subject to change without notice.
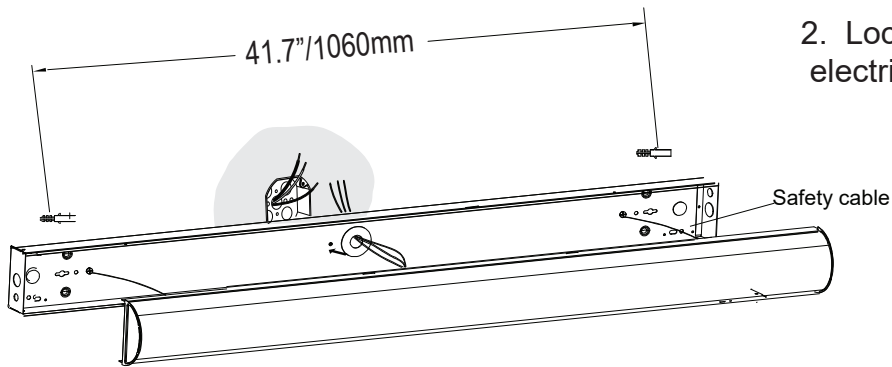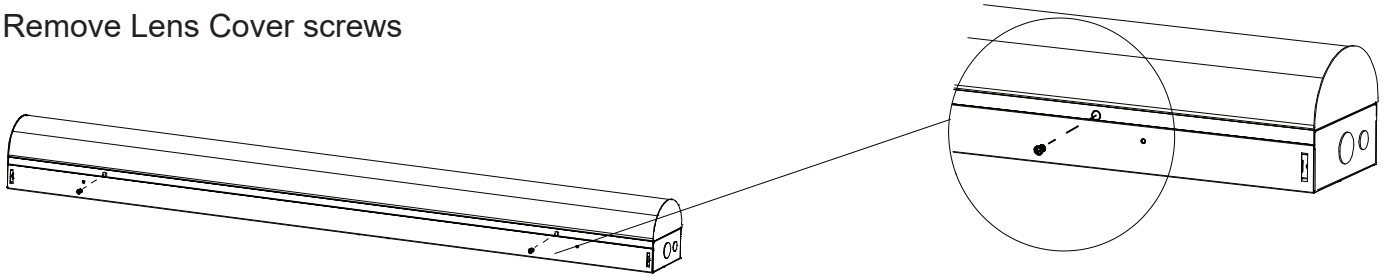NOTICE: Suitable for Dry or Damp location

General Wiring Diagram

Black(Line)
White(Neutral)
120-277v
Green(Gnd)

LED DRIVER

Purple(Dim+)
pink(Dim-)
Blue(-)
Red(+)

Dimming wire to 0-10v IEC compliant control

Lead wire to LED load

CCT Switch
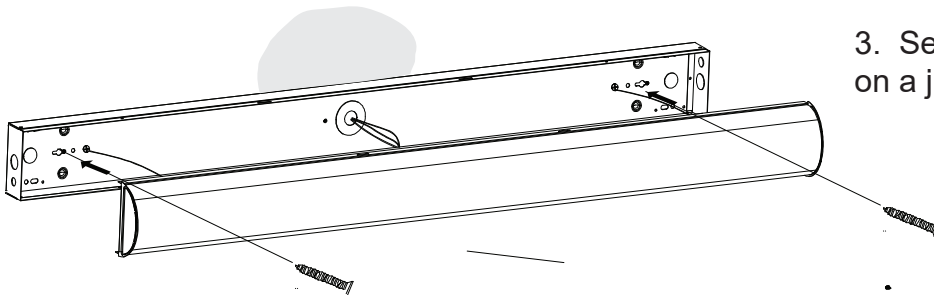
Lumens Switch
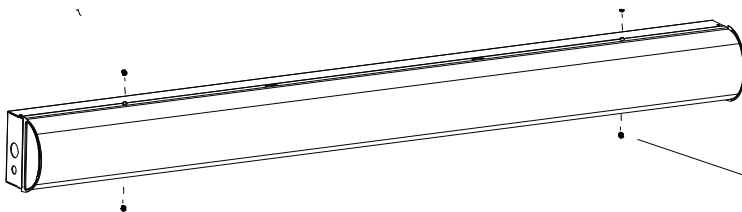
Field-Adjustable Wattage & CCT

Installation Instruction
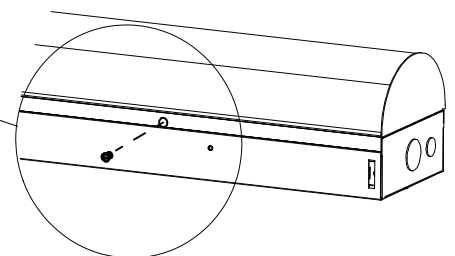
A. Wall mounting

1. Remove Lens Cover screws

2. Locate wall mounting anchors and make electrical connections (see wiring diagram)

41.7"/1060mm

Safety cable

3. Secure the luminaire body to the wall on a junction box or over a junction box.
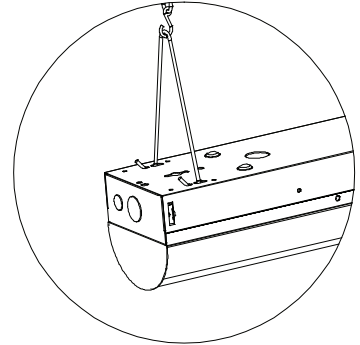
4. Close luminiare Lens Cover.

Installation Instruction

B: Chain Suspended Mounting

flexible metallic conduit

1. Attach V-Hooks to each end of the luminaire base.
2. Attach chain to the mounting surface and V-hooks

C. Ceiling mounting

Safety cable

1. Remove Lens Cover screws.
2. Locate ceiling mounting anchors and make electrical connections (see wiring diagram).
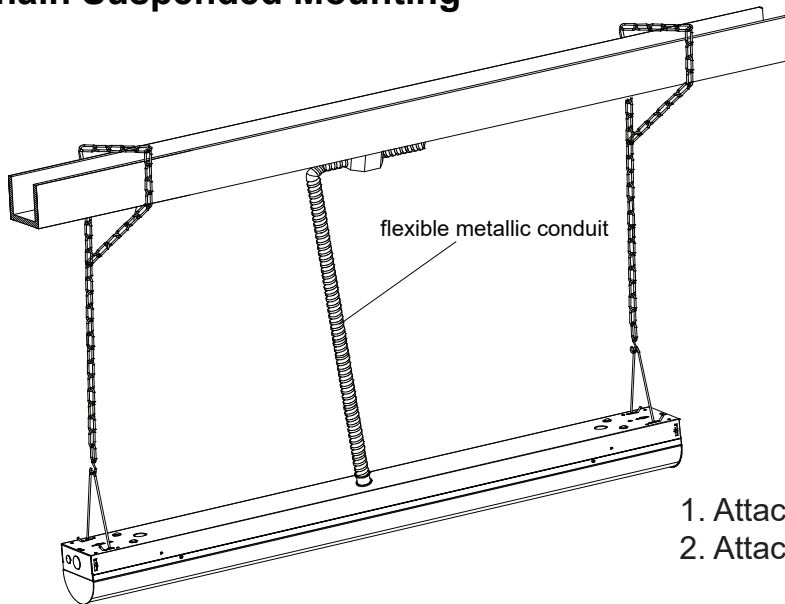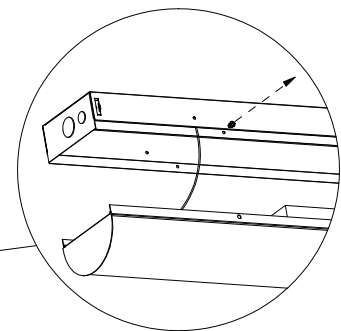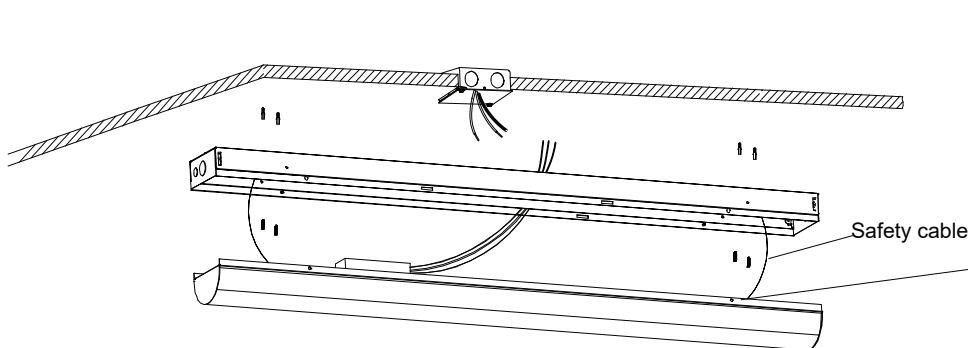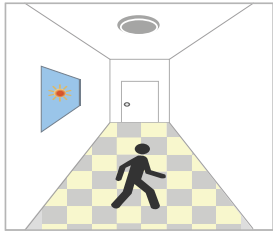3. Secure the luminaire body to the ceiling on a junction box or over a junction box.
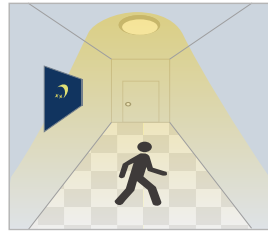4. Close luminaire lens cover.

Application

1. Automatically ON/OFF function:
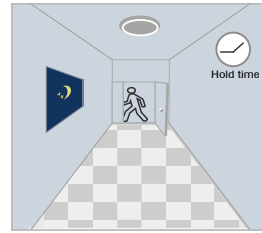
The Stand-by period is set to "0s".
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.

With sufficient daylight,
even when motion detected,
light remains OFF.

With insufficient daylight,
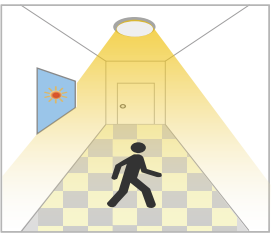when motion detected, light
ON.

After the last detection and
the present hold time
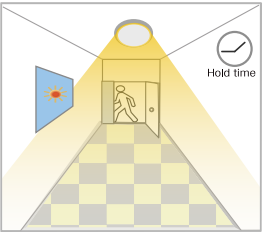elapsed, light OFF.

2. No daylight function

The daylight threshold is set to "Disable".
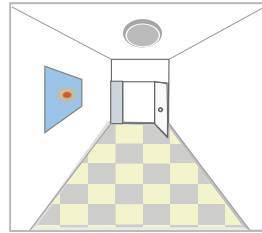Light on when detect movement, After people leave, Light off after stand-by period.
Applications: Dim places such as Basement Parking, Underpass.

When motion is detected,
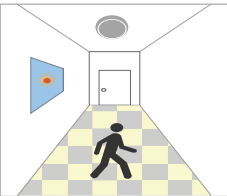the sensor will switch on the
light to 100% brighteness.

After people leave the detection
area, light remains 100%
brightness within hold time.

After the last detection and
the present hold time
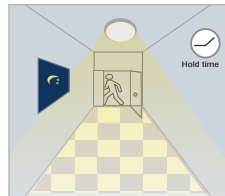elapsed, light OFF.

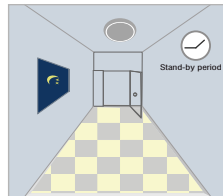### 3. Function Demo - Dimmable control/Corridor function

With sufficient daylight,
even when motion
detected, light remains
OFF.

With insufficient
daylight, when motion
detected, light ON.

After last detection, the
light will be dimmed
down to the stand-by
dimming level (10%,20%,
30%,50%) after holdtime.

After the stand-by
period, lght OFF.

Attention

1. Please read the instructions carefully before using this product and keep it well for all users to read at any time.
2. The sensor should be installed by qualified electrician and ensure power is off before the installation.
3. We reserve the right to modify any incorrect text, image and necessary technical parameters.
4. Any unauthorized modification is forbidden, otherwise all guarantees will be immediately invalid.

Installation precautions

1. Microwave sensor can be installed in any lamp except the one with full metal shell.
2. The detected surface cannot be shielded by metal objects.
3. Make sure the microwave module is completely exposed outside.
4. The detection surface of the sensor module shall be installed facing the detection area.
5. Should be kept away from the driver to avoid interference generation and lamp flashing.
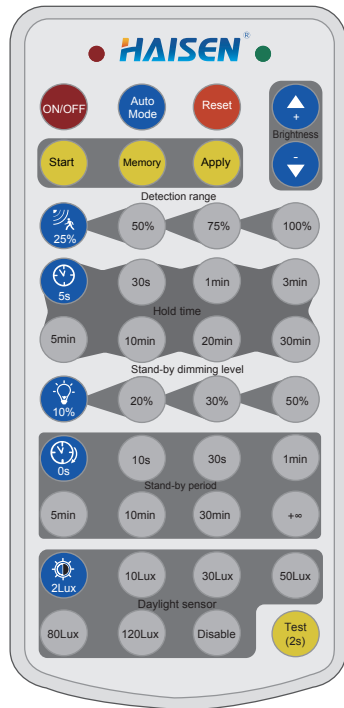6. Wiring must be strictly in accordance with the wiring diagram to avoid short circuit.

Application Environment

1. Suitable for indoor installation to avoid false triggering due to external factors such as rain, wind or tree swing.
2. Shall not be installed in the place with all four metal shelters and small space (such as galvanized-iron roof).
3. Shall note be mounted installation, so as to avoid false trigger caused by the lamp itself shaking.
4. Shall not be installed next to large operating machines such as ventilator/ceiling fan to avoid false triggering caused by machine vibration.

User Notes

1.Microwave can penetrate walls or glass thinner than 20cm and attenuate if thicker than 20cm.
2. The driver voltage shall be stable and float within 10%.
3. Detection area will be affected by speed of motion, mounting height and movement volume.
4. Conduct test on sunny days without the lampshade which will affect the tested lux value

HD03R user manual

Remote Keys	Keys Function	Keys Introduction
ON/OFF	ON/OFF	1. "ON/OFF" key only functions as a switch of the light. 2. If press this button to turn off the lamp before it's short-circuited, the lamp will remain off after power-on again.
Auto Mode	Auto Mode	Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.
Reset	Reset	1、Press "Reset" button, change brightness to max level. 2、Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range,hold time 5S, no stand-by time and daylight threshold disabled.
▲ ▼ (+/-)	+/-	1. To adjust brightness 10-100% in on/off mode. 2. To adjust highest brightenss 60-100% in sensor mode.
Start	Start	Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.
Memory	Memory	1. Press "Memory" to save all the settings. 2. The settings remained as the last time if not get resetted values.
Apply	Apply	1. Press "Apply" to deliver the saved setting. 2. Press "Apply" without "memory"will make all the setting one-time operation. 3. Settings should be done within 30S, otherwise it exits memory mode.
	Detection area	Detection area (Press to define detection area 100%/75%/50%/25%.)
	Hold time	Hold time (Press to define holdtime 5s/30s/1min/3min /5min/10min/20min/30min .)
	Daylight Threshold	Stand-by dimming level (Press to define stand-by dimming level 10%/20%/30%/50%.)
	Stand-by period	Stand-by period (Press to define stand-by period 0s/10s/30s/1min/5min/10min/30min/+∞.) Note: "0s" means no standby period; "+∞" means unlimited standby period.
	Stand-by dimming level	Daylight threshold (Press to define daylight level 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable.) Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.
Test (2s)	Test mode	The button "Test (2s)" is for testing purpose after commissioning.Pressing this button, the sensor goes to test mode (hold time is only 2s)