

HARRIS Lumen Select Canopy Square, Gen 1

Instruction Number: P-INT-X-454

Product Series: LSCS1



WARNING!

Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.

1. This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes
2. Use only UL (or other NRTL) approved wire for input/output connections
3. Minimum 90°C supply conductors
4. Make sure LEDs and drivers are cool to touch when performing maintenance
5. Make sure the supply voltage is the same as the rated voltage of the luminaire



CAUTION:

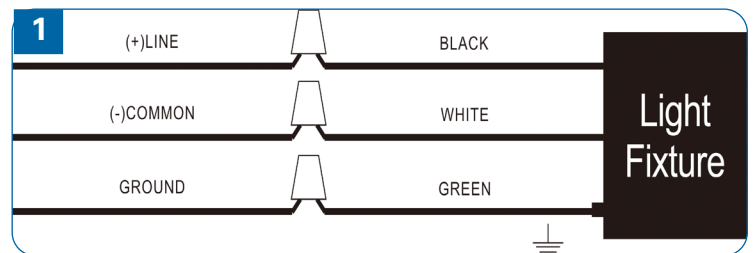
1. Use weatherproof silicone sealant between the ceiling plate and mounting surface
2. Wear gloves and safety goggles at all times when removing luminaires from carton, installing, servicing or performing maintenance
3. Avoid direct eye exposure to the illuminated light source
4. Put aside small parts and dispose packing material properly
5. To avoid hazards and unnecessary failures due to misuse, please read carefully all warnings and instructions included and all labels
6. Before installing, servicing, or performing routine maintenance upon this equipment, pay attention to: Supply voltage input 120-347V, frequency 50/60 Hz
7. This fixture is intended to be connected to a properly installed and grounded UL listed junction box
8. Always check the product before installation. Do not install damaged product

Tools Required for Installation

- Cordless drill
- Wire stripper/cutter
- Wire nuts

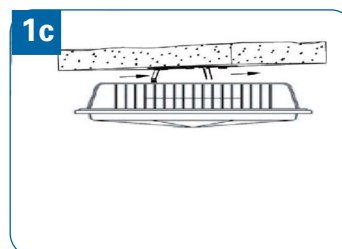
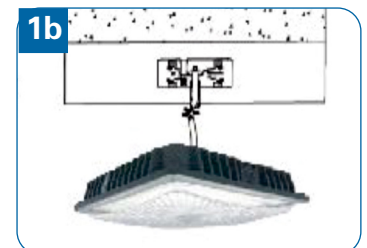
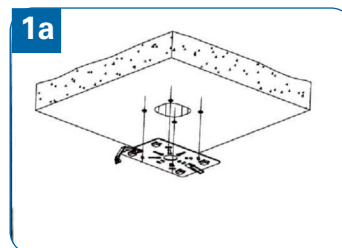
Standard Wiring Diagram and Instruction

- 1 Turn off power supply before installation. Review product label for voltage and amperage load per fixture.
- 2 Make all electrical connections per NEC and local codes. For dimming wire, use class 1 wiring methods. Cap each dimming wires separately if not used.
- 3 Restore power to fixture.



Surface Mount J Box

- 1 Install the connecting plate onto the ceiling or junction box (supplied by customer) and pull the wire through the center hole. (See Fig. 1a)
- 2 Make connection per diagram and NEC and local codes and mount the fixture onto the connecting plate. (See Fig. 1b)
- 3 Slide fixture back into the connecting plate and tighten the screw. (See Fig. 1c)



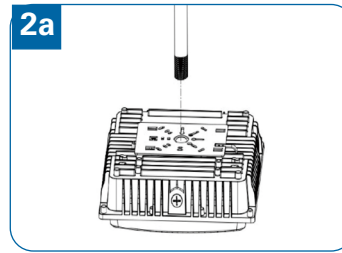
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Pendent Installation with 3/4" Conduit

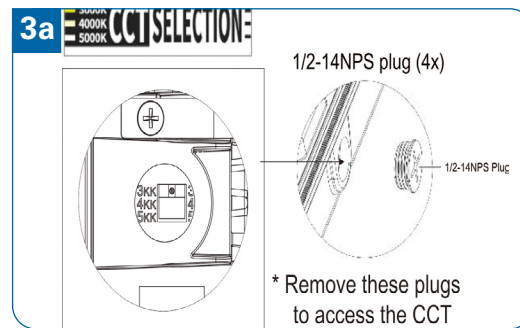
- 1 Feed incoming power leads through pendent pipe (supplied by customer).
- 2 Make wiring connections per diagram and NEC and local codes.
- 3 Wrap pipe using Teflon tape or silicone gel on thread to prevent moisture from entering and screw pendent pipe to the back of the fixture. (See Fig. 2a)



CCT Field Adjustment

Note: To ensure the protection of the fixture and its performance, the 1/2-14NPS plugs must be assembled with a torque of no less than 1.7N.m. Reassemble with these settings after adjusting the CCT or FAO switching for ingress prevention. (See Fig. 3a for removing the plugs)

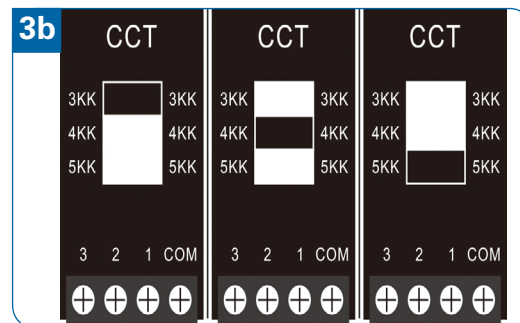
- 1 See switch settings in Fig. 3b for CCT configurations.



Field Adjustable Output (FAO)

Note: To ensure the protection of the fixture and its performance, the 1/2-14NPS plugs must be assembled with a torque of no less than 1.7N.m. Reassemble with these settings after adjusting the CCT or FAO switching for ingress prevention. (See Fig. 3a for removing the plugs)

- 1 See switch settings below to the left for LSCS1A 60w (8000lm), 40w (5000lm), 28w (4000lm) FAO adjustments. (See Fig. 4a)
- 2 See switch settings below to the right for 90w LSCS1B1 (12,000lm), 80w (10,000lm) and 70w (9000lm) FAO adjustments. (See Fig. 4b)



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Sensor Function

1 Initialization:

Power on, the sensor automatically turns on light at 100% brightness. 10 seconds later, it turns off the light. During the initialization, the sensor is not able to detect movement. It is recommended that the installation height of the fixture <50ft

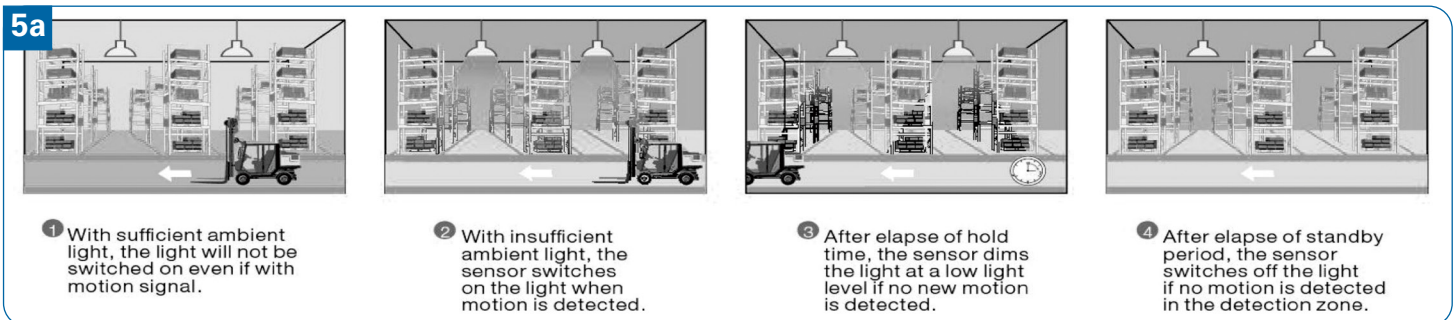
- The sensor programming always goes through the process of initialization and Daylight Priority + 3-leveled dimming operational mode; to get customized setting, it is recommend to utilize the sensor remote LMH10-MRC.
- The parameters of the sensor may need to be reconfigured to adapt different installation environments, please refer to the remote instruction or contact the manufacturer.

2 Operation Mode: Daylight Priority + 3 Leveled Dimming (See Fig. 5a)

- When Daylight is enough, >150 lux, motion sensing will be switched off automatically, the light will be always off.
- With insufficient ambient light, <150 lux, motion sensing is activated automatically.
- When motion is detected, the light turns on to 100%. After 5 min, if no motion is sensed, the light dims to 50% until motion is detected again.
- Default detection area setting: LSCS1A1 100% and LSCS1B1 75%

3 Sensor Application Notice:

- The distance between any inductive sensor luminaires should be greater than 10ft. According to sensor installation height, note the sensor detection area.
- To prevent false trigger:
 - A)** Avoid high-density objects, such as: metal, glass, concrete walls, etc., beyond the sensor detection area.
 - B)** Avoid moving signals beyond the sensor detection area, such as: fan, DC motor, sewer pipe, air outlet, heavy rainfall, motion behind a thin wall, etc.
 - C)** Avoid the shock & vibration environmental application.



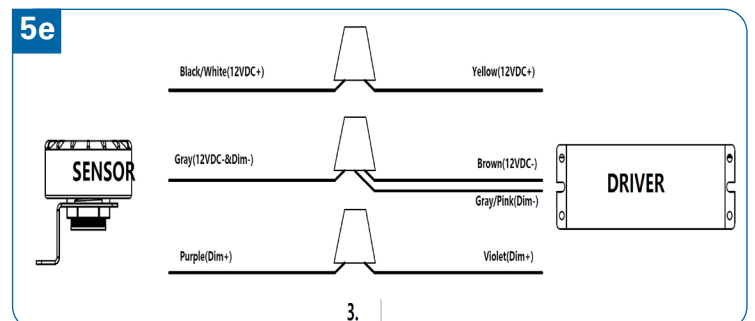
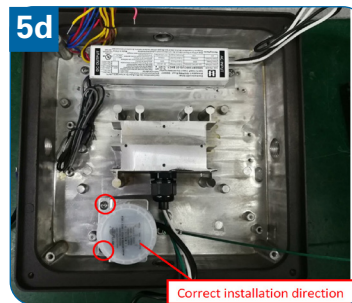
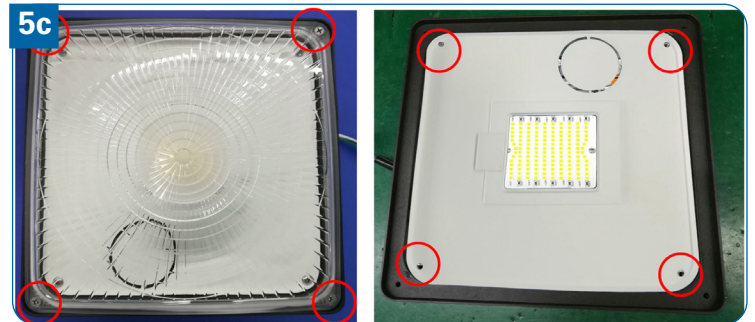
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Sensor Installation

- 1 Assemble the fixture sensor. (See Fig. 5a and Fig. 5b)
Configure settings per page 3.
- 2 Remove fixture lens and reflector. (See Fig. 5c) Remove sensor knockout from reflector.
- 3 Install fixture sensor with the (2) provided screws and make wiring connections per NEC and local codes. (See Fig. 5d and 5e)
- 4 Reinstall the reflector and fixture lens over the sensor.
- 5 Restore power and test fixture.



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Photocell Installation

- 1 Remove photocell and fixture from packaging. Remove the screws for the fixture lens and the reflector. (See Fig. 6a)
- 2 Remove knockout in fixture panel. Install the photocell in the correct position and make wiring connections per NEC and local codes. (See Fig. 6b and 6c)
- 3 Reinstall the reflector and fixture lens over the sensor.
- 4 Restore power and test fixture.

