

# KT-SMLEDXX-XRC-XXCSF-CDIM-EM3

## SURFACE MOUNT EMERGENCY DOWNLIGHT

### INSTALLATION INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before installation and use.

#### WARNING

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Risk of fire or electric shock. LED retrofit kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation; contact a qualified electrician.
- Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- To reduce the risk of death, personal injury or property damage from fire, electric shock, failing parts, cuts/abrasions, and other hazards, read all warnings and instructions with and on the fixture box and all fixture labels.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead, installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.
- This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.
- 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.
- This device is not intended for use with emergency exits.

#### 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 handling fixture.

#### NOTES

- Specifications and dimensions subject to change without notice.
- Suitable for damp location.
- Do not open the lamp cover, otherwise the warranty will not be valid.

#### NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation. This equipment generated, uses and can radiate radio interference energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

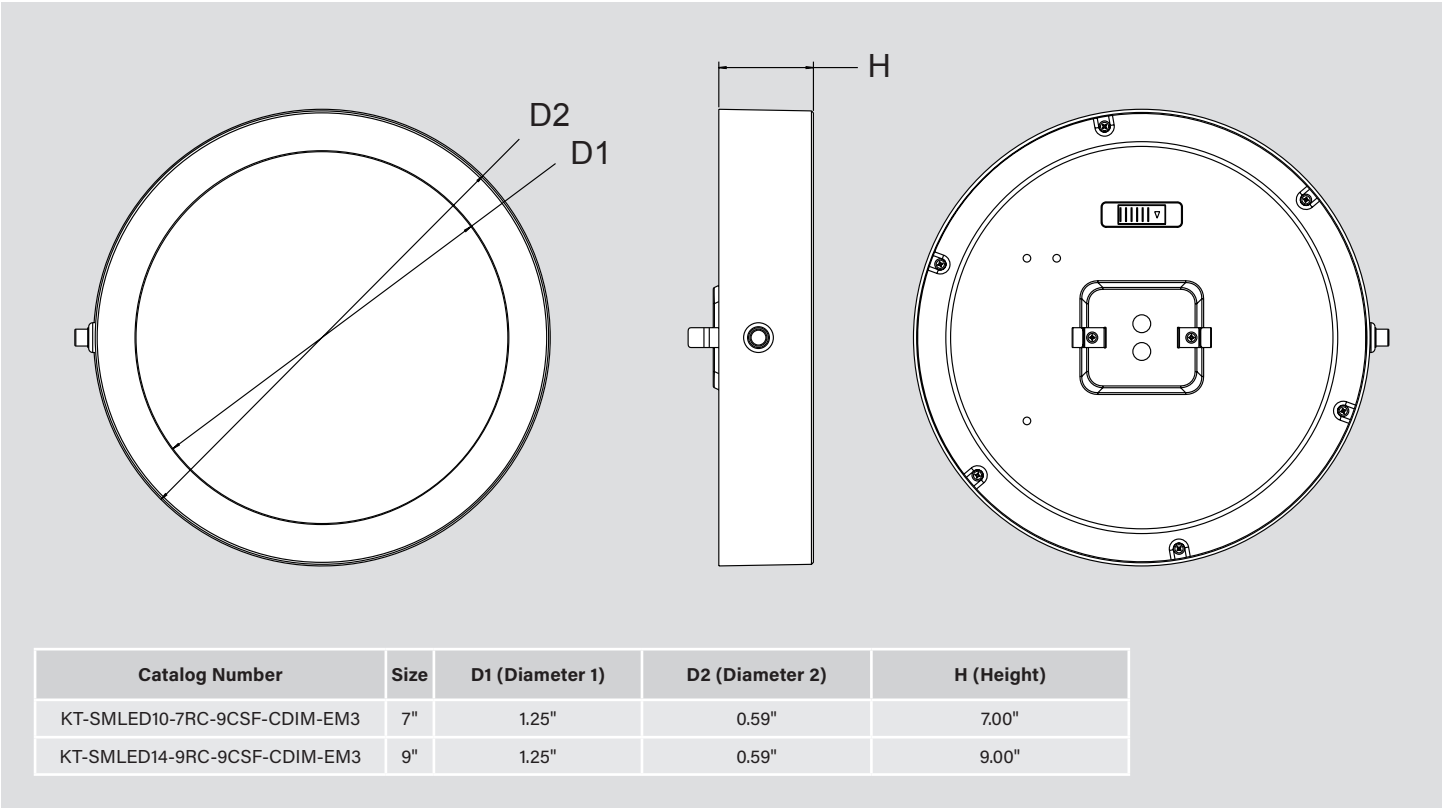
**Caution:** Before installing, make certain that AC power to the fixture is off.

#### COMPONENTS INCLUDED IN KIT

| Part               | Quantity |
|--------------------|----------|
| LED Downlight      | 1        |
| Installation plate | 1        |
| M4*23 Screw        | 2        |



DIMENSIONS



COLOR SELECT (CCT) ADJUSTMENT

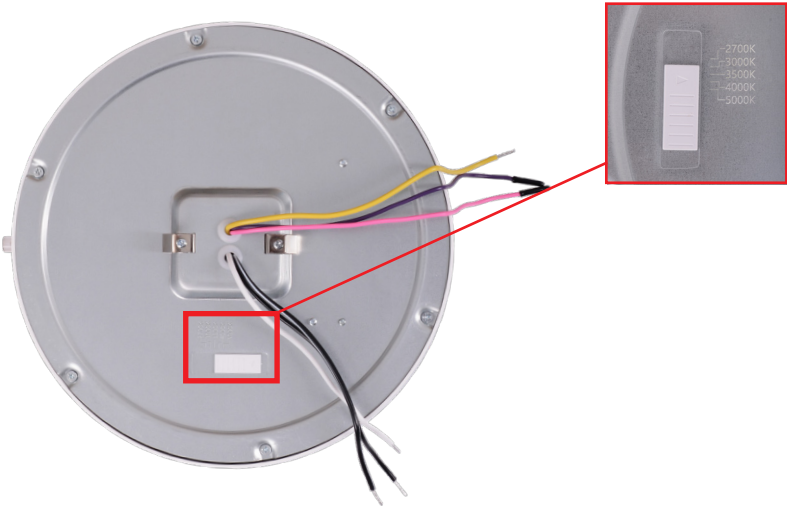
This fixture is equipped with field-adjustable Keystone Color Select technology.

- 1. Ensure power is off to the fixture.
- 2. Adjust dip switch to desired settings.
- 3. Restore power to the fixture.

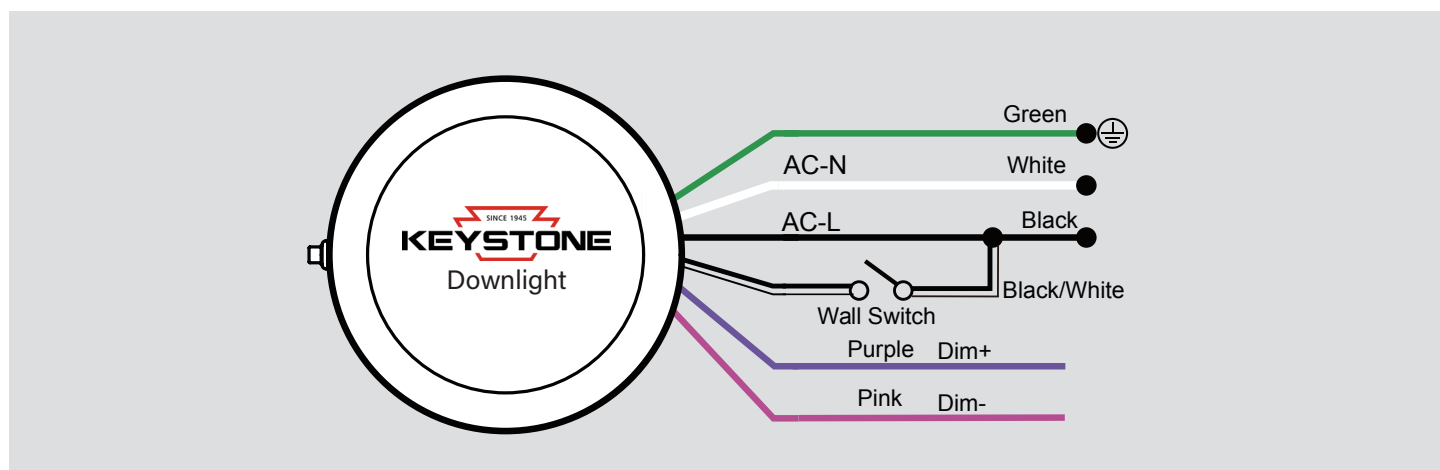


COLOR SELECT ADJUSTMENT SWITCH

Set dip switch to adjust CCT between five available CCTs. Fixture comes preset at 2700K.

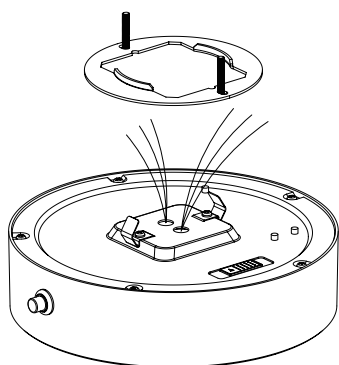


## WIRING DIAGRAM

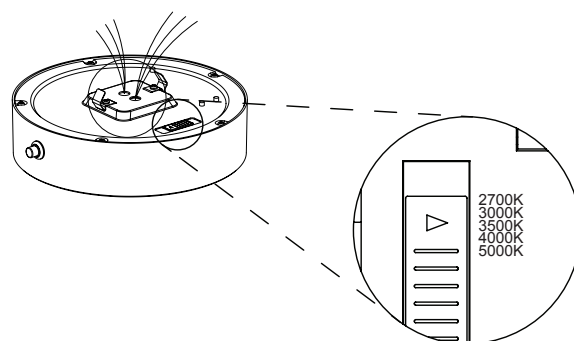


## INSTALLATION INSTRUCTIONS

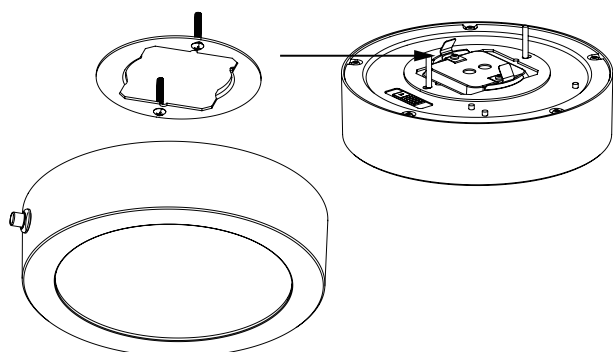
1. Attach the installation plate to the junction box with the (2) M4\*23 screws (included). Please note that the side with raised edges should be facing up towards the junction box.



2. Select desired CCT and make connections according to the wiring diagram.



3. Align the clips on the back of the fixture with the arc positions on the installation plate, then lift the fixture up until it snaps into place. Ensure the fixture has been properly seated on the installation plate and cannot move.



OPERATION

NORMAL MODE

- AC power is present.
- The AC driver operates the LED load as designed.
- The emergency pack is charging in a standby mode.
- The test button will be lit, showing that the battery is charging.
- When battery is fully charged, test button will remain lit.

EMERGENCY MODE

- When the AC power goes out, the emergency pack detects the power outage and automatically switches to the emergency mode.
- The LED load is illuminated for a minimum of 90 minutes.
- The test button will not be lit.
- When AC power is restored, the emergency pack switches back to normal mode and starts re-charging.
- If emergency driver detects battery failure due to problems such as bad contact or charging issues, the test button will not be lit.
- Please contact a qualified electrician for inspection.

TESTING PROCEDURES

1. Press the test button to cut the power to the AC driver and switch the system to emergency mode.
2. Release the test button to return to normal mode.
3. Switch off the circuit breaker to simulate a full power outage.
4. For initial testing, allow the unit to charge for approximately one (1) hour, then conduct a short discharge test.
5. Allow a 24-hour charge before conducting a one-hour test.

ROUTINE TESTING SCHEDULE

- NFPA 101, Life Safety Ocde outlines the following schedule:

MONTHLY

1. Ensure that the test button light is illuminated.
2. Conduct a 30-second discharge test by depressing the test button.
3. The LED load should operate at reduced output.

ANNUALLY

1. Ensure that the test button light is illuminated.
2. Conduct a full 90-minute discharge test.
3. The unit should operate as intended for the duration of the test.

“Written records of the testing shall be kept by the owner for inspection by the authority having jurisdiction.”

ORDERING INFORMATION

| Catalog Number               | UPC          | Easy Code |
|------------------------------|--------------|-----------|
| KT-SMLED10-7RC-9CSF-CDIM-EM3 | 843654170503 | PFY-63    |
| KT-SMLED14-9RC-9CSF-CDIM-EM3 | 843654170510 | HPP-72    |