

# KT-CLEDXXPS-X1-8CSB-VDIM-X

## LED CANOPY LIGHT FIXTURE

### 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 fixture installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation; contact a qualified electrician.
- 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.
- 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 fixture 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.

#### 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 servicing.

#### NOTES

- Specifications and dimensions subject to change without notice.
- Suitable for wet locations.

#### NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, 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.

**Caution:** The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

#### COMPONENTS INCLUDED IN KIT

| Part                     | Quantity |
|--------------------------|----------|
| LED Canopy Light Fixture | 1        |



KT-CLED60PS-M1-8CSB-VDIM  
KT-CLED40PS-S1-8CSB-VDIM  
KT-CLED25PS-S1-8CSB-VDIM

KT-CLED40PS-S1-8CSB-VDIM-W  
KT-CLED60PS-M1-8CSB-VDIM-W

ELECTRICAL SPECIFICATIONS

| Catalog Number                                         |                 |        |          |               |         |      |                         |                    |                  |              |                   |
|--------------------------------------------------------|-----------------|--------|----------|---------------|---------|------|-------------------------|--------------------|------------------|--------------|-------------------|
| Selectable Wattage                                     | Selectable CCT* | Lumens | Efficacy | Input Voltage | Dimming | CRI  | Distribution Pattern ** | Photocell Included | Housing Color    | Nominal Size | Legacy Equivalent |
| KT-CLED60PS-M1-8CSB-VDIM<br>KT-CLED60PS-M1-8CSB-VDIM-W |                 |        |          |               |         |      |                         |                    |                  |              |                   |
| 60W                                                    | 3000K           | 7500   | 125 lm/W | 120-277V      | 0-10V   | > 80 | 160°                    | Yes                | Bronze/<br>White | 10" square   | 250W MH           |
|                                                        | 4000K           | 8400   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 7800   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| 50W                                                    | 3000K           | 6250   | 125 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 4000K           | 7000   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 6500   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| 40W                                                    | 3000K           | 5000   | 125 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 4000K           | 5600   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 5200   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| KT-CLED40PS-S1-8CSB-VDIM<br>KT-CLED40PS-S1-8CSB-VDIM-W |                 |        |          |               |         |      |                         |                    |                  |              |                   |
| 40W                                                    | 3000K           | 5000   | 125 lm/W | 120-277V      | 0-10V   | > 80 | 160°                    | Yes                | Bronze/<br>White | 8" square    | 175W MH           |
|                                                        | 4000K           | 5600   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 5200   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| 30W                                                    | 3000K           | 3750   | 125 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 4000K           | 4200   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 3900   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| 20W                                                    | 3000K           | 2500   | 125 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 4000K           | 2800   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 2600   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| KT-CLED25PS-S1-8CSB-VDIM                               |                 |        |          |               |         |      |                         |                    |                  |              |                   |
| 25W                                                    | 3000K           | 3125   | 125 lm/W | 120-277V      | 0-10V   | > 80 | 160°                    | Yes                | Bronze           | 8" square    | 100W MH           |
|                                                        | 4000K           | 3500   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 3250   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| 20W                                                    | 3000K           | 2500   | 125 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 4000K           | 2800   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 2600   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |
| 15W                                                    | 3000K           | 1875   | 125 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 4000K           | 2100   | 140 lm/W |               |         |      |                         |                    |                  |              |                   |
|                                                        | 5000K           | 1950   | 130 lm/W |               |         |      |                         |                    |                  |              |                   |

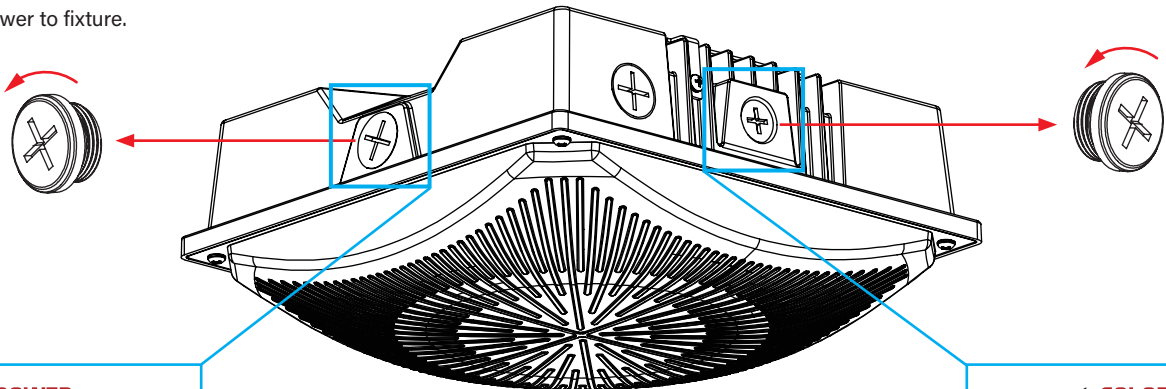
\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

\*\* 110° distributions available. See Optional Accessories on Page 7 for ordering information

POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

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

- 1. Ensure power is off to the fixture.
- 2. Remove knockouts.
- 3. Adjust dip switches to desired settings.
- 4. Replace knockouts.
- 5. Restore power to fixture.



**POWER SELECT ADJUSTMENT SWITCH**  
Set dip switch to adjust between wattages. Wattage options vary by model. Fixture preset at highest wattage.



KT-CLED60PS-M1-8CSB-VDIM  
KT-CLED60PS-M1-8CSB-VDIM-W

| Wattage | CCT   |
|---------|-------|
| 60W     | 3000K |
| 50W     | 4000K |
| 40W     | 5000K |

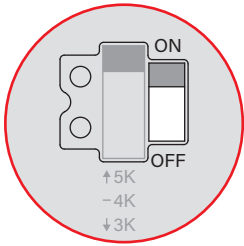
KT-CLED40PS-S1-8CSB-VDIM  
KT-CLED40PS-S1-8CSB-VDIM-W

| Wattage | CCT   |
|---------|-------|
| 40W     | 3000K |
| 30W     | 4000K |
| 20W     | 5000K |

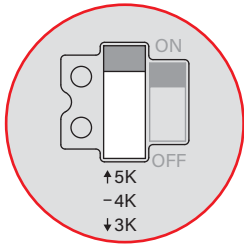
KT-CLED25PS-S1-8CSB-VDIM

| Wattage | CCT   |
|---------|-------|
| 25W     | 3000K |
| 20W     | 4000K |
| 15W     | 5000K |

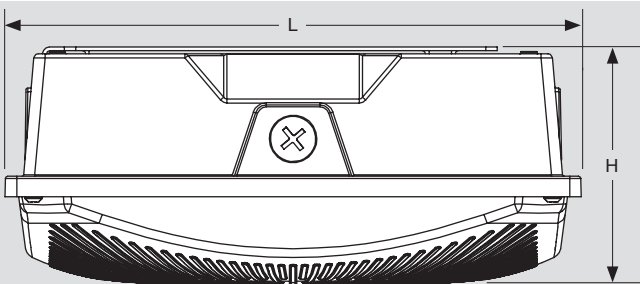
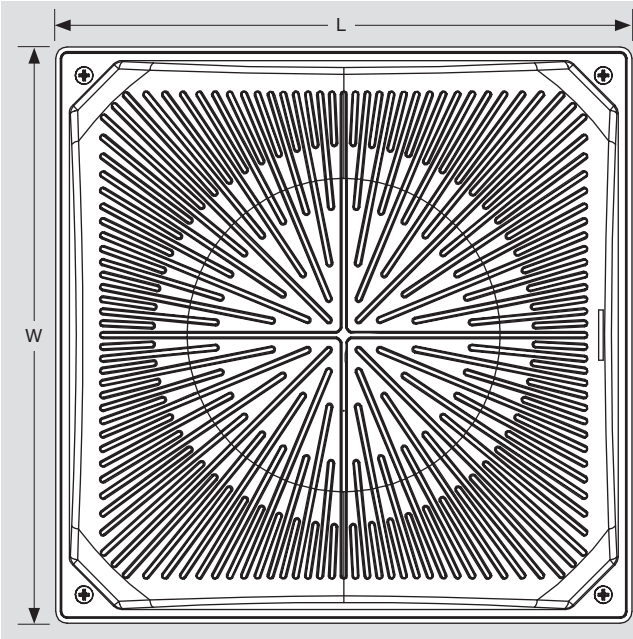
**PHOTOCELL ON/OFF SWITCH**  
Set dip switch to turn on or turn off built-in photocell.



**COLOR SELECT ADJUSTMENT SWITCH**  
Set dip switch to adjust CCT between 3000K, 4000K, and 5000K. Fixture preset at 5000K.

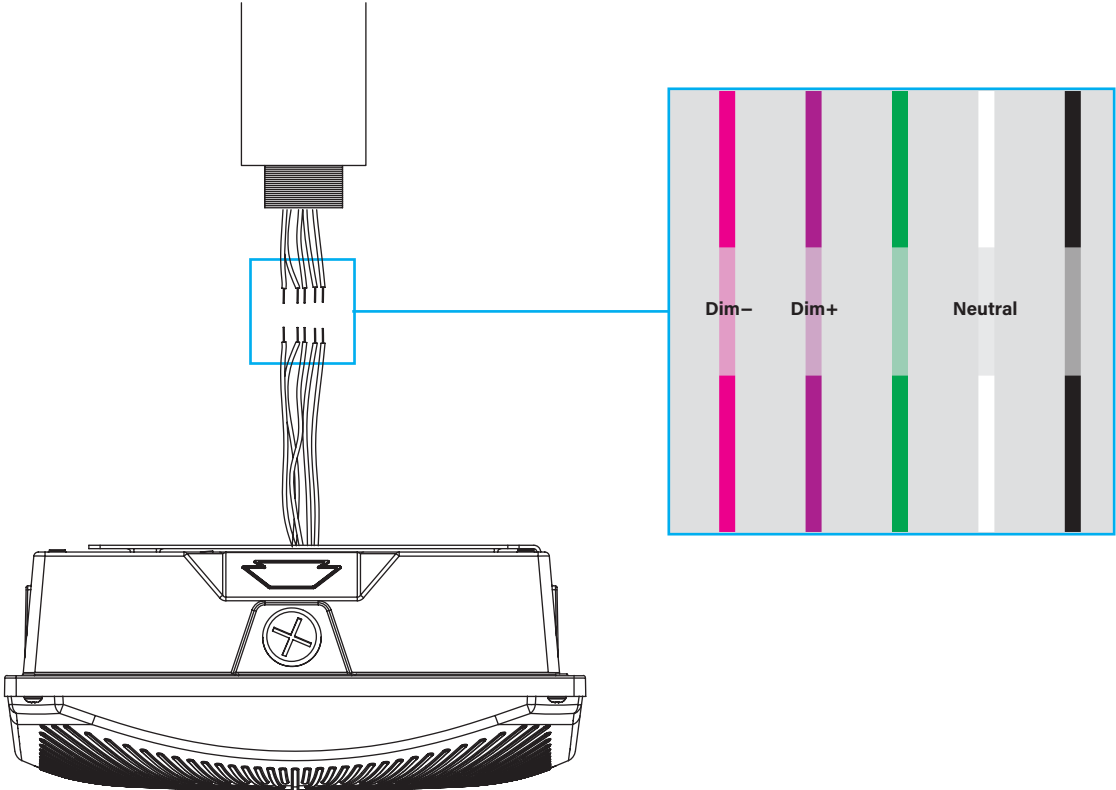
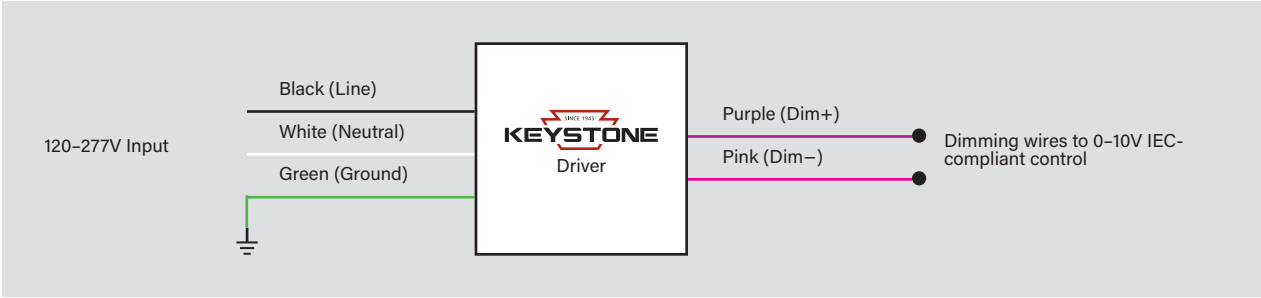


DIMENSIONS



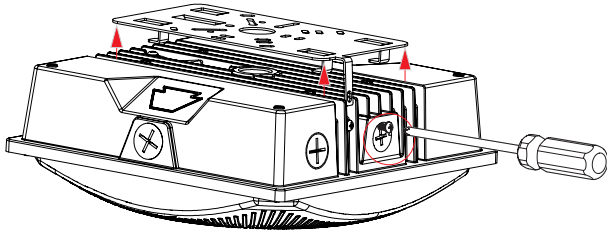
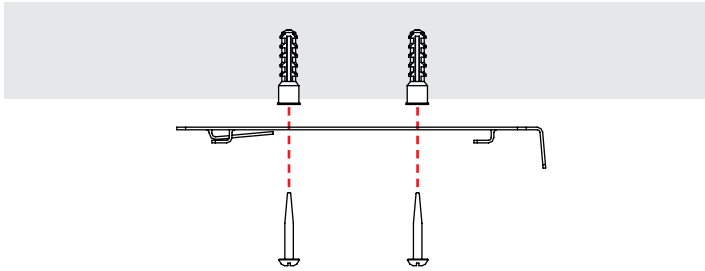
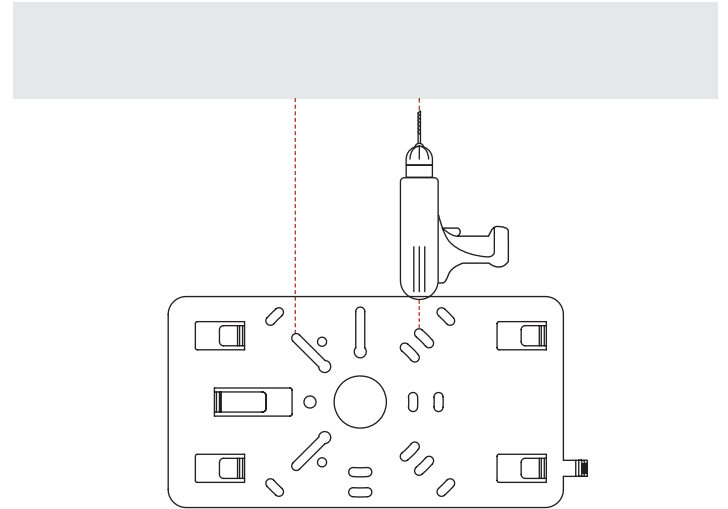
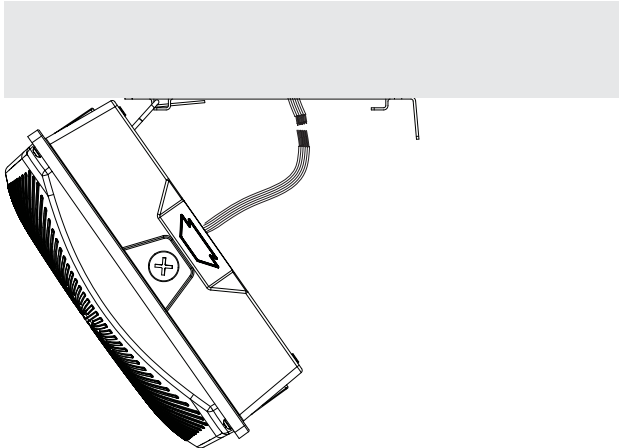
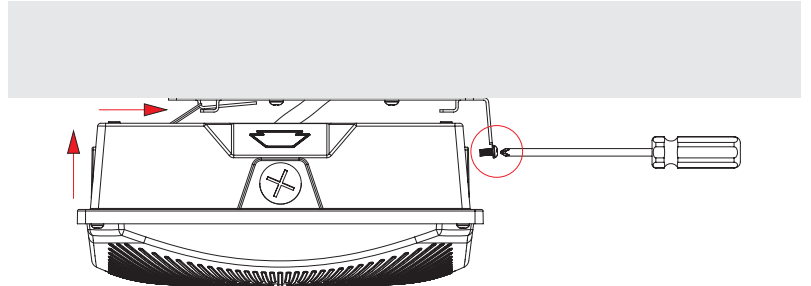
| Catalog Number             | Size       | L (Length) | W (Width) | H (Height) |
|----------------------------|------------|------------|-----------|------------|
| KT-CLED60PS-M1-8CSB-VDIM   | 10" square | 10.00"     | 10.00"    | 4.17"      |
| KT-CLED60PS-M1-8CSB-VDIM-W |            |            |           |            |
| KT-CLED40PS-S1-8CSB-VDIM   | 8" square  | 8.03"      | 8.03"     | 3.66"      |
| KT-CLED40PS-S1-8CSB-VDIM-W |            |            |           |            |
| KT-CLED25PS-S1-8CSB-VDIM   |            |            |           |            |

WIRING DIAGRAMS

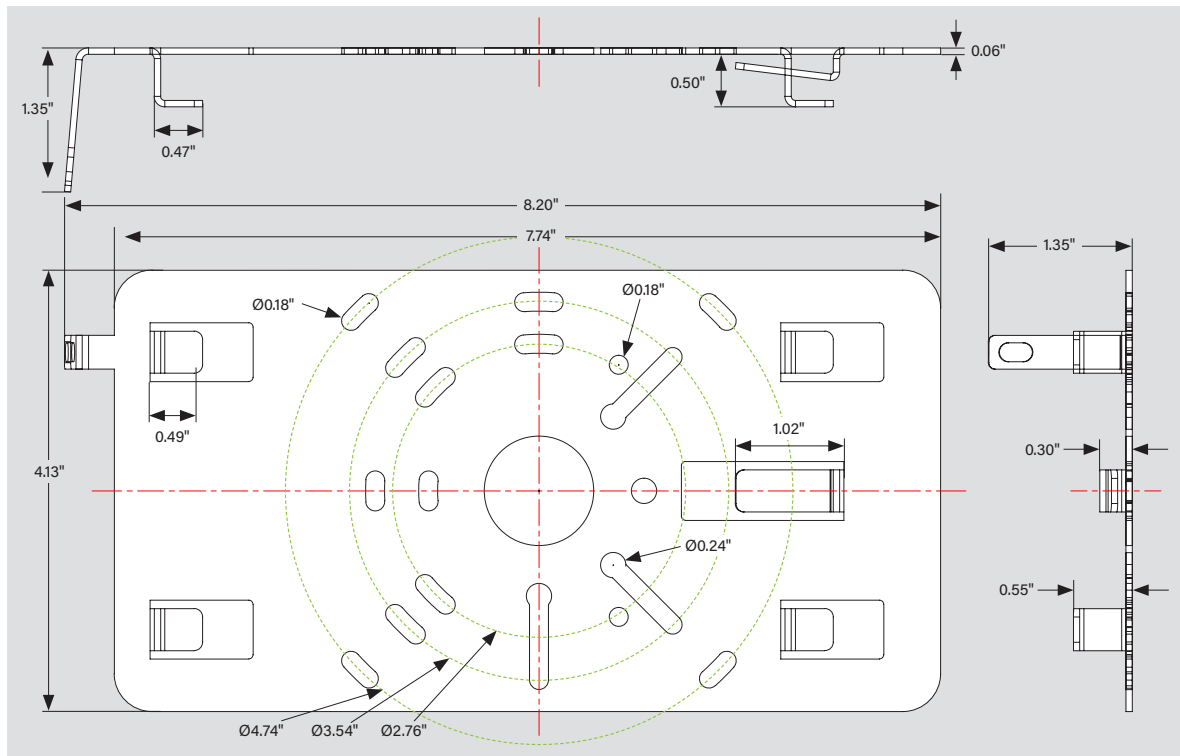
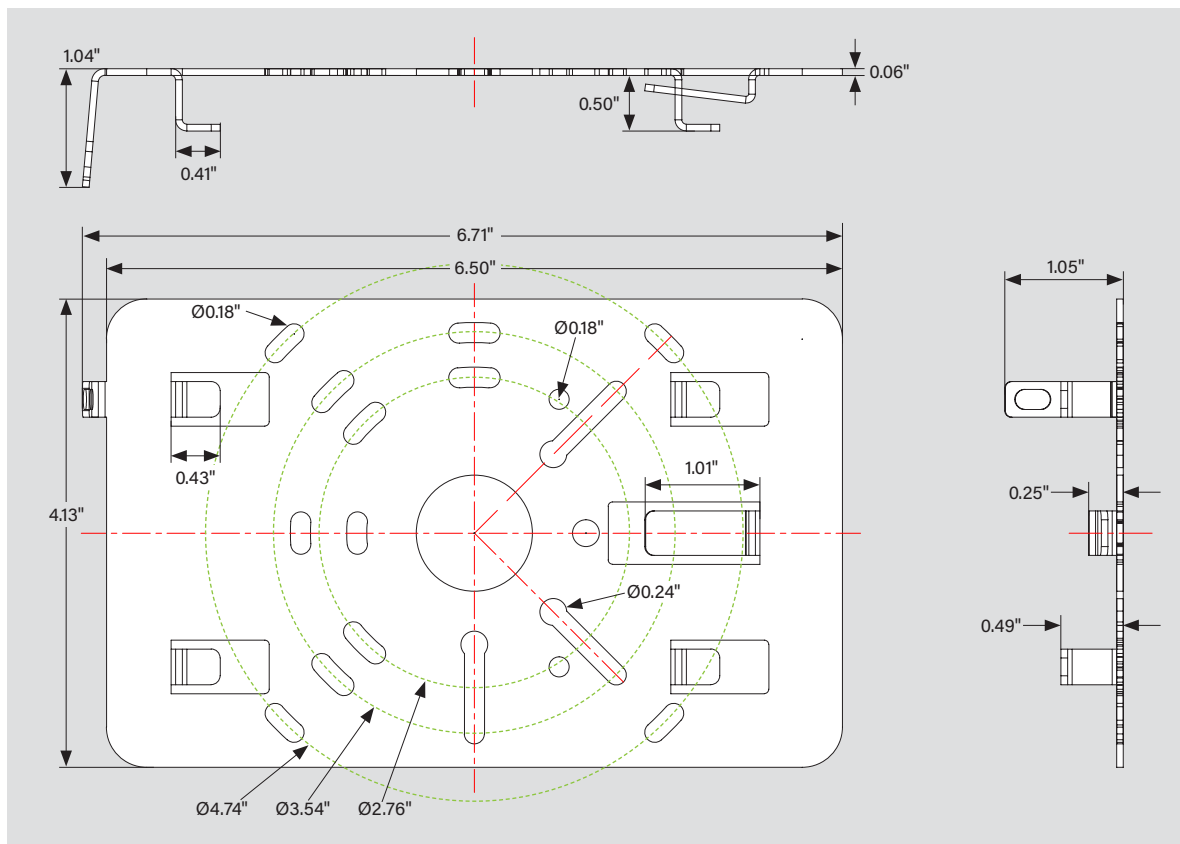


**INSTALLATION INSTRUCTIONS: PRE-INSTALLED FIXTURE PLATE****1. Shut off power at the source.**

Remove fixture plate from the top of the LED canopy light fixture.

**3. Drill rubber plugs into the ceiling, then secure the fixture plate to the ceiling or junction box.****2. Drill four 5-mm holes into the ceiling according to the fixture plate measurements (shown below), or align with holes in junction box.****4. Hang the fixture from the plate, then connect fixture wiring to local power supply (see *Wiring Diagrams*, page 4) using necessary wiring protection.****5. Secure the fixture to the plate, then fasten the screws on both sides of the fixture. Turn on power when ready.**

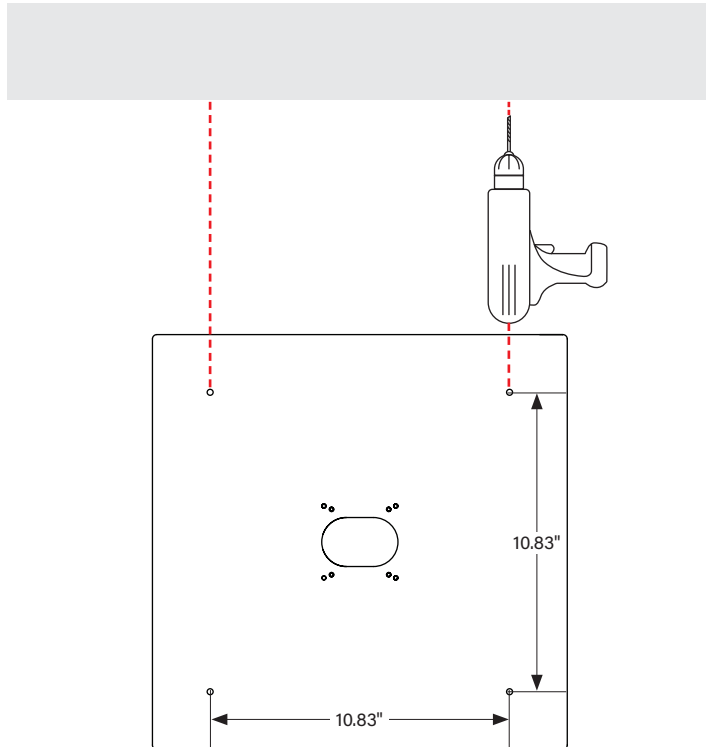
(Installation Instructions continued on next page)

**MEDIUM CANOPIES:****SMALL CANOPIES:**

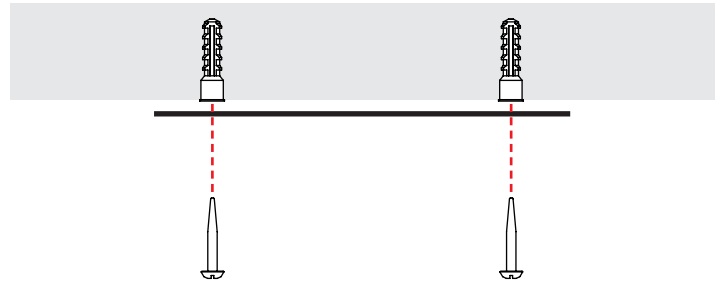
(Installation Instructions continued on next page)

**INSTALLATION INSTRUCTIONS: 15" BACK PLATE (sold separately)****1. Shut off power at the source.**

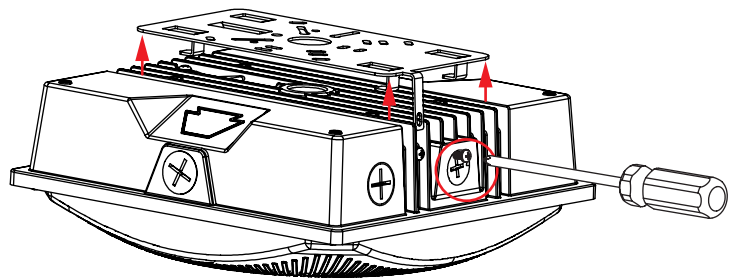
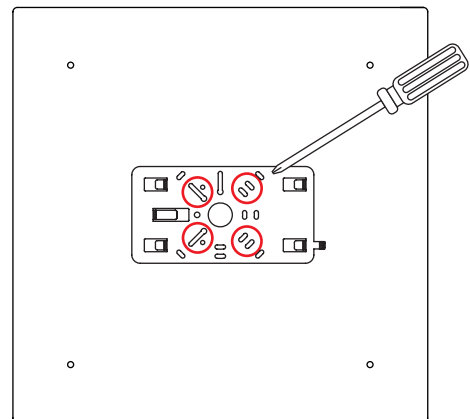
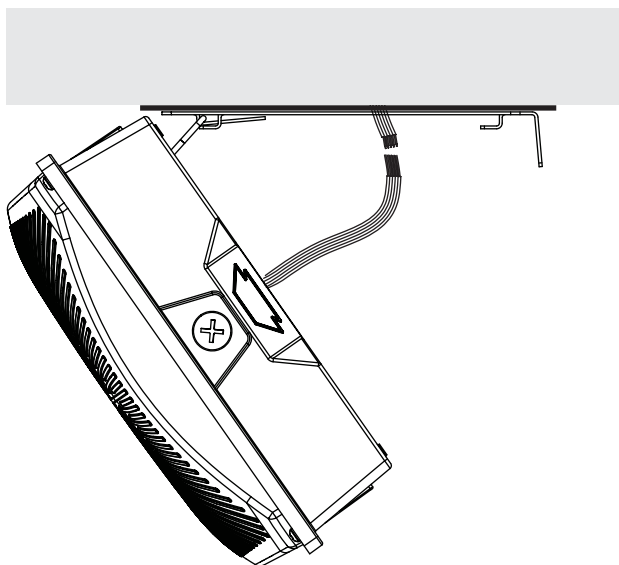
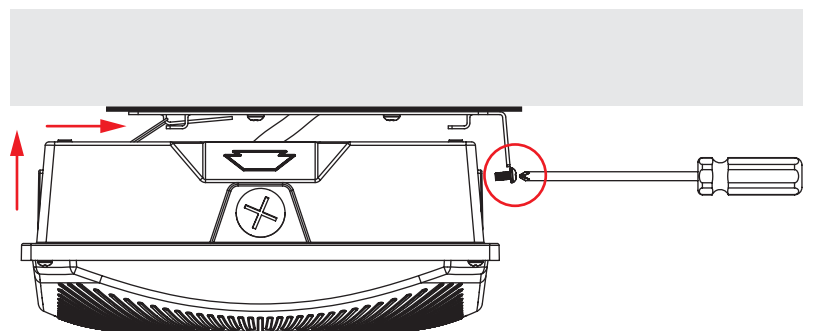
Using KT-CLED-BP-15 or KT-CLED-BP-15-W, drill four 5-mm holes into the ceiling according to the back plate measurements (shown below).



Drill rubber plugs into the ceiling, then secure the mounting plate to the ceiling.



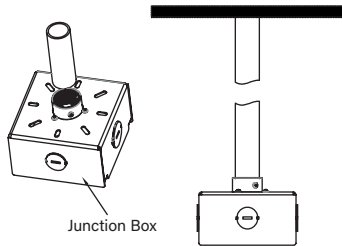
Remove fixture plate from the top of the LED canopy light fixture.

**4. Secure the fixture plate to the mounting plate with screws.****5. Hang the fixture from the plate, then connect fixture wiring to local power supply (see *Wiring Diagrams*, page 4) using necessary wiring protection.****6. Secure the fixture to the plate, then fasten the screws on both sides of the fixture. Turn on power when ready.**

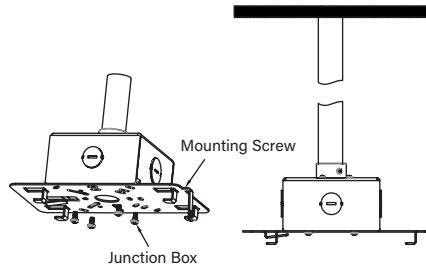
(Installation Instructions continued on next page)

**INSTALLATION INSTRUCTIONS: NPT STEM**

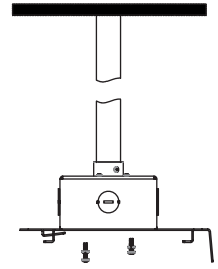
1. Affix KT-CLED-SM-1-KIT or KT-CLED-SM-1-KIT-W (sold separately) mount kit to pipe.



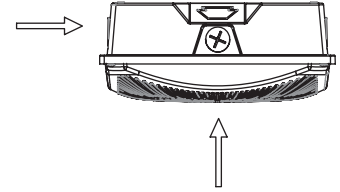
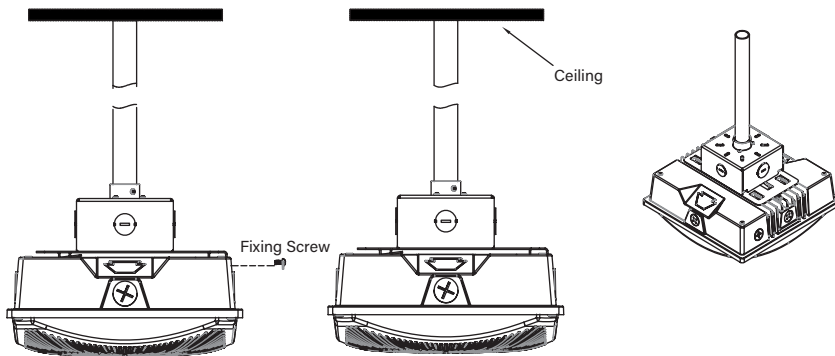
2. Remove the pre-installed fixture plate from the canopy (as shown in Step 1 on Page 5) and affix it to the surface mount kit.



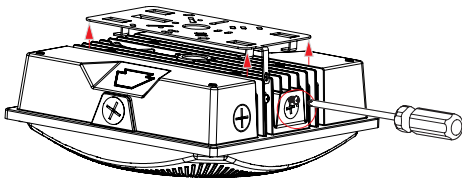
3. Reattach the fixture to the mounting plate (as shown in Step 4 on Page 5). Make connections to local power supply, and push wires into junction box/mount kit.



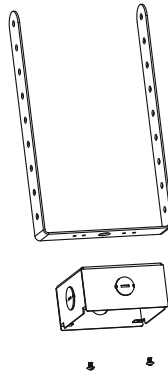
4. Secure the canopy to the pre-installed fixture plate (as shown in Step 5 on Page 5).

**INSTALLATION INSTRUCTIONS: TRUNNION MOUNT**

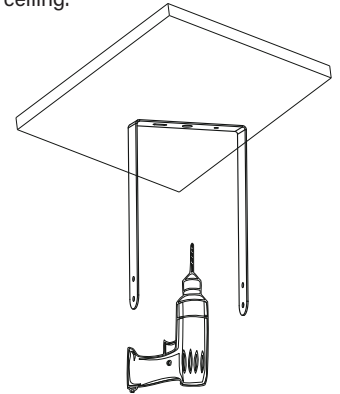
1. Remove the pre-installed fixture plate from the canopy and set aside.



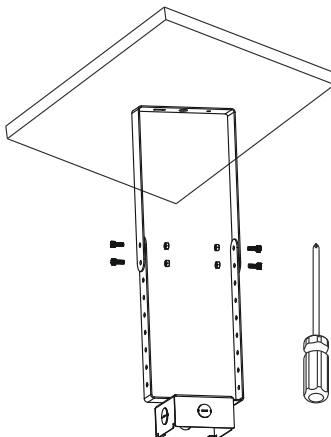
2. Attach the surface mount kit to the trunnion mount.



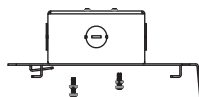
3. Attach the fixed end of the trunnion mount to the ceiling.



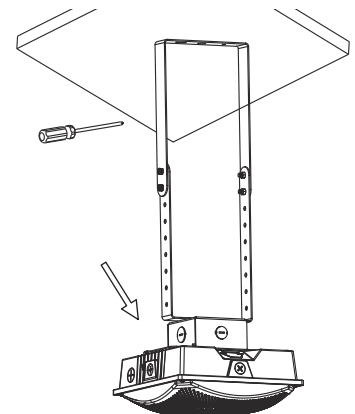
4. Attach the bracket arms with screws provided.



5. With the surface mount kit affixed to the trunnion mount, reattach the mounting plate to the surface mount kit.



6. Affix the canopy to the mounting plate and tighten the 6MM screw to secure the connection. Make connections to local power supply and push wires into surface mount kit.



**OPTIONAL ACCESSORIES** (sold separately)

| Catalog Number          | Description                                                                                                                                                          | UPC          | EASY CODE |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| KTS-MW3-12V-PKO         | 12V Microwave Occupancy Sensor                                                                                                                                       | 843654135212 | TRM-32    |
| KTSL-FC4-12V-PKO        | Bluetooth mesh wireless screw-in voltage fixture controller for SmartLoop system  | 843654149066 | RUN-10    |
| KT-CLED-LENS-M1-110-KIT | 110° beam angle lens   Used on 10" square canopy                                                                                                                     | 843654152004 | AHD-34    |
| KT-CLED-LENS-S1-110-KIT | 110° beam angle lens   Used on 8" square canopy                                                                                                                      | 843654152011 | GNA-34    |
| KT-CLED-BP-15           | 15" mounting back plate for canopy fixtures   Bronze                                                                                                                 | 843654152028 | FHA-85    |
| KT-CLED-BP-15-W         | 15" mounting back plate for canopy fixtures   White                                                                                                                  | 843654152035 | CEU-41    |
| KT-CLED-SM-1-KIT        | Surface mount / pendant mount kit   Bronze                                                                                                                           | 843654160368 | HRA-27    |
| KT-CLED-SM-1-KIT-W      | Surface mount / pendant mount kit   White                                                                                                                            | 843654160375 | ZDU-78    |
| KT-CLED-TM-1-KIT*       | Trunnion mount kit   Bronze   Used on canopy fixtures   Attaches to pre-installed mounting plate                                                                     | 843654164090 | ODY-40    |
| KT-CLED-TM-1-KIT-W*     | Trunnion mount kit   White   Used on canopy fixtures   Attaches to pre-installed mounting plate                                                                      | 843654164106 | DPP-15    |

**\*Note:** Trunnion mount may only be used with surface mount box installed.

**LED CANOPY LIGHT FIXTURE ORDERING INFORMATION**

| Catalog Number             | UPC          | Easy Code |
|----------------------------|--------------|-----------|
| KT-CLED60PS-M1-8CSB-VDIM   | 843654151953 | TDT-55    |
| KT-CLED60PS-M1-8CSB-VDIM-W | 843654160146 | XEC-85    |
| KT-CLED40PS-S1-8CSB-VDIM   | 843654151960 | YFZ-10    |
| KT-CLED40PS-S1-8CSB-VDIM-W | 843654151977 | AZF-82    |
| KT-CLED25PS-S1-8CSB-VDIM   | 843654151984 | WHH-10    |