

KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

KT-CLED-LENS-X2-1X0-KIT

REPLACEMENT LENS

INSTALLATION INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the fixture.

APPLICATION

Ceiling mounted outdoor illumination needs, such as parking garages, covered walkways, entrance areas, etc.

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

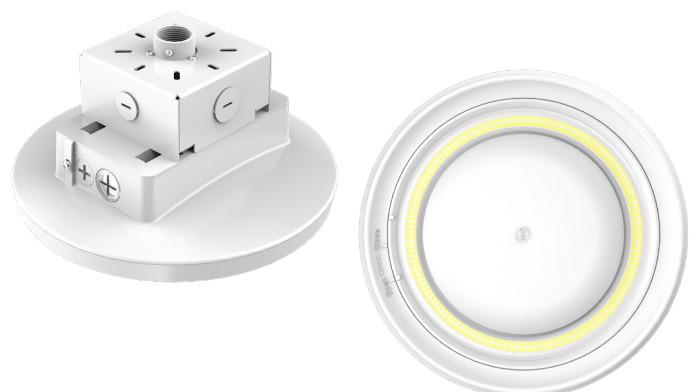
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate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



LED round canopy light fixture (pictured with optional surface mount kit *) Bronze

* Surface mount kit sold separately



LED round canopy light fixture (pictured with optional surface mount kit *) White

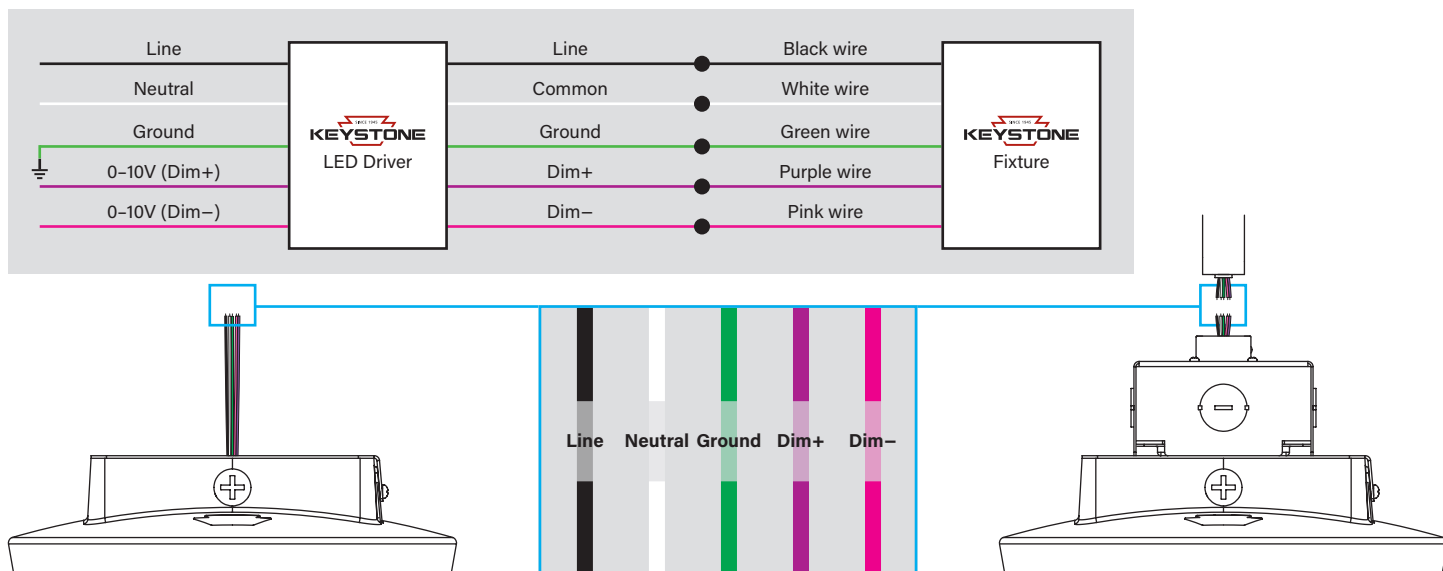
COMPONENTS

Part	Quantity
LED Round Canopy Light Fixture	1
160° Beam Angle Lens (pre-installed)	1
110° Beam Angle Lens	1

Caution: Before installing, ensure 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.

WIRING DIAGRAMS

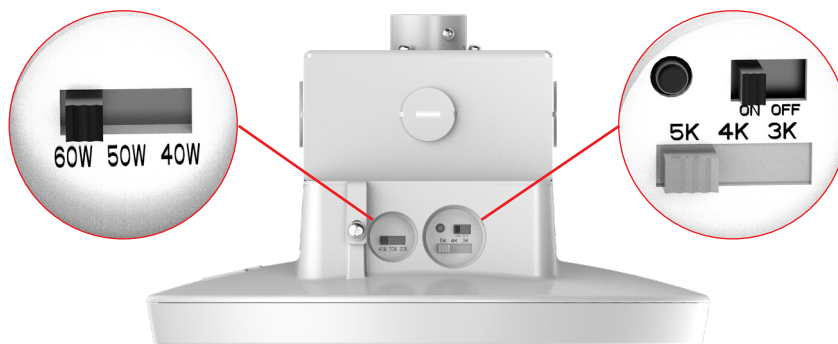


POWER SELECT (WATTAGE), COLOR SELECT (CCT), AND PHOTOCELL ADJUSTMENT

This fixture is equipped with field-adjustable selectable wattage, selectable CCT, and photocell adjustment 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.



PHOTOCELL ON/OFF ADJUSTMENT SWITCH

Set dip switch to turn on or turn off built-in photocell. Photocell preset to ON.

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

KT-CLED60PS-M2-OSH-8CSB-VDIM KT-CLED60PS-M2-OSH-8CSB-VDIM-W

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

KT-CLED40PS-S2-OSH-8CSB-VDIM KT-CLED40PS-S2-OSH-8CSB-VDIM-W

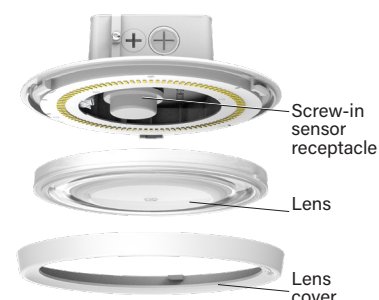
Wattage	CCT
40W	3000K
30W	4000K
20W	5000K

KT-CLED25PS-S2-OSH-8CSB-VDIM

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

TOOL-FREE LENS INSTALLATION

1. Unscrew and remove lens cover from fixture
2. Turn until notch on lens aligns with *open* and remove lens from fixture (if using screw-in sensor of controller, install after lens is removed)
3. Screw on replacement lens (twist until notch lines up with *close*)
4. Screw on lens cover



* Surface mount kit sold separately

ORDERING INFORMATION**ROUND CANOPY LIGHT FIXTURE**

Catalog Number	Description	Housing Color	Selectable Wattage	Selectable CCT	Lumens	Efficacy	CRI	UPC	Easy Code
KT-CLED60PS-M2-OSH-8CSB-VDIM	10" LED round canopy with OpticSwap Color Select Power Select Built-in photocell Microwave sensor receptacle 120-277V input 0-10V dimming	Bronze	60W	3000K	7800	130 lm/W	> 80	843654164601	VOL-27
				4000K	8400	140 lm/W			
				5000K	8100	135 lm/W			
			50W	3000K	6650	133 lm/W			
				4000K	7150	143 lm/W			
				5000K	6850	137 lm/W			
			40W	3000K	5480	137 lm/W			
				4000K	5840	146 lm/W			
				5000K	5600	140 lm/W			
KT-CLED60PS-M2-OSH-8CSB-VDIM-W	10" LED round canopy with OpticSwap Color Select Power Select Built-in photocell Microwave sensor receptacle 120-277V input 0-10V dimming	White	60W	3000K	7800	130 lm/W	> 80	843654164618	NLC-47
				4000K	8400	140 lm/W			
				5000K	8100	135 lm/W			
			50W	3000K	6650	133 lm/W			
				4000K	7150	143 lm/W			
				5000K	6850	137 lm/W			
			40W	3000K	5480	137 lm/W			
				4000K	5840	146 lm/W			
				5000K	5600	140 lm/W			
KT-CLED40PS-S2-OSH-8CSB-VDIM	9" LED round canopy with OpticSwap Color Select Power Select Built-in photocell Microwave sensor receptacle 120-277V input 0-10V dimming	Bronze	40W	3000K	5200	130 lm/W	> 80	843654164625	AMI-67
				4000K	5600	140 lm/W			
				5000K	5400	135 lm/W			
			30W	3000K	3990	133 lm/W			
				4000K	4290	143 lm/W			
				5000K	4110	137 lm/W			
			20W	3000K	2740	137 lm/W			
				4000K	2920	146 lm/W			
				5000K	2800	140 lm/W			
KT-CLED40PS-S2-OSH-8CSB-VDIM-W	9" LED round canopy with OpticSwap Color Select Power Select Built-in photocell Microwave sensor receptacle 120-277V input 0-10V dimming	White	40W	3000K	5200	130 lm/W	> 80	843654164632	AVW-02
				4000K	5600	140 lm/W			
				5000K	5400	135 lm/W			
			30W	3000K	3990	133 lm/W			
				4000K	4290	143 lm/W			
				5000K	4110	137 lm/W			
			20W	3000K	2740	137 lm/W			
				4000K	2920	146 lm/W			
				5000K	2800	140 lm/W			
KT-CLED25PS-S2-OSH-8CSB-VDIM	7" LED round canopy with OpticSwap Color Select Power Select Built-in photocell Microwave sensor receptacle 120-277V input 0-10V dimming	Bronze	25W	3000K	3250	130 lm/W	> 80	843654164649	KPX-98
				4000K	3500	140 lm/W			
				5000K	3375	135 lm/W			
			20W	3000K	2660	133 lm/W			
				4000K	2860	143 lm/W			
				5000K	2740	137 lm/W			
			15W	3000K	2055	137 lm/W			
				4000K	2190	146 lm/W			
				5000K	2100	140 lm/W			

(Ordering Information continues on next page)

ORDERING INFORMATION (continued)

LENSES

Catalog Number *	Description	UPC	Easy Code
KT-CLED-LENS-M2-160-KIT	160° replacement lens Used on series 2 round canopies Medium housing	843654164656	RPV-17
KT-CLED-LENS-S2-160-KIT	160° replacement lens Used on series 2 round canopies Small housing	843654164663	GHD-00
KT-CLED-LENS-M2-110-KIT	110° replacement lens Used on series 2 round canopies Medium housing	843654164670	TLG-59
KT-CLED-LENS-S2-110-KIT	110° replacement lens Used on series 2 round canopies Small housing	843654164687	MCU-12

* For replacements only

PACKAGING DIMENSIONS

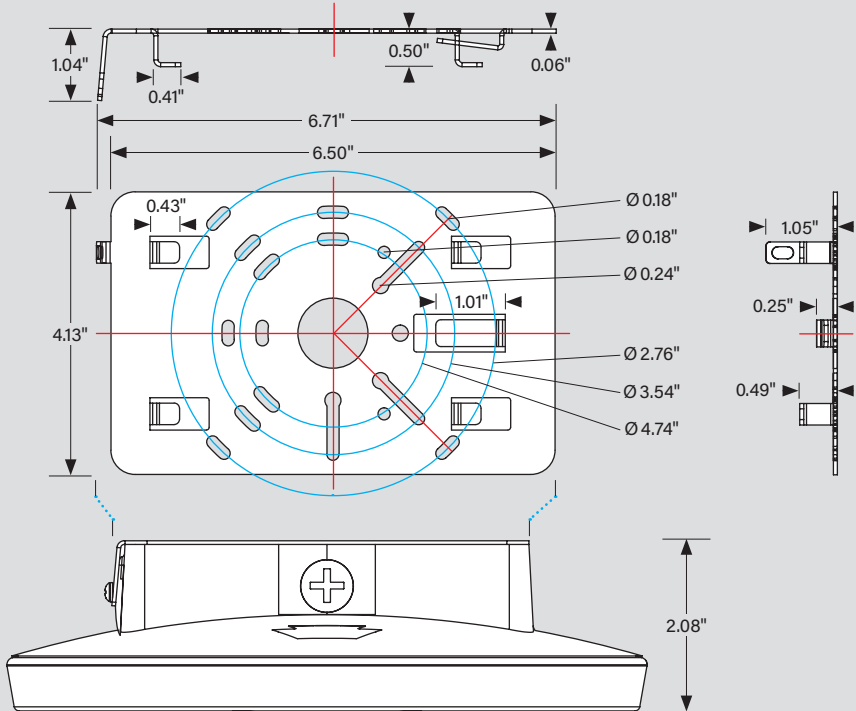
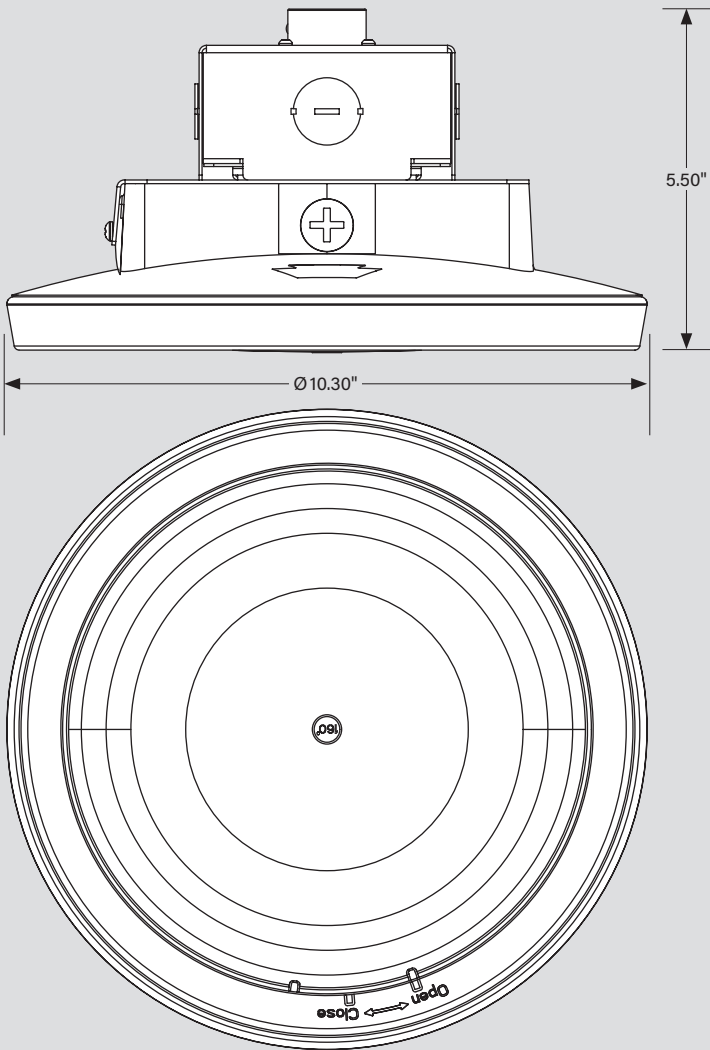
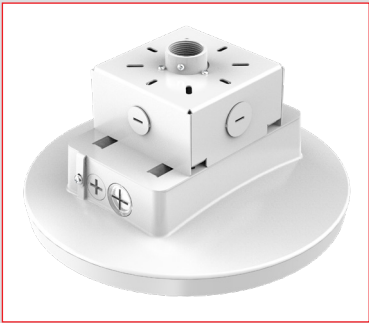
Catalog Number	Carton Dimensions	Carton Weight	Quantity
KT-CLED60PS-M2-OSH-8CSB-VDIM-X	10.63" × 10.43" × 3.94"	4.31 lbs	1
KT-CLEDXXPS-S2-OSH-8CSB-VDIM-X	9.45" × 9.45" × 3.94"	3.69 lbs	1
KT-CLED-LENS-M2-1XX-KIT	18.70" × 12.99" × 10.63"	18.08 lbs	50
KT-CLED-LENS-S2-1XX-KIT	17.32" × 12.99" × 9.65"	16.87 lbs	50

OPTIONAL SURFACE MOUNT KIT (sold separately)

Catalog Number	Description	Housing Color	UPC	Easy Code
KT-CLED-SM-1-KIT	Surface mount kit Used on round and square canopy fixtures Attaches to pre-installed mounting plate	Bronze	843654160368	HRA-27
				
KT-CLED-SM-1-KIT-W	Surface mount kit Used on round and square canopy fixtures Attaches to pre-installed mounting plate	White	843654160375	ZDU-78
				

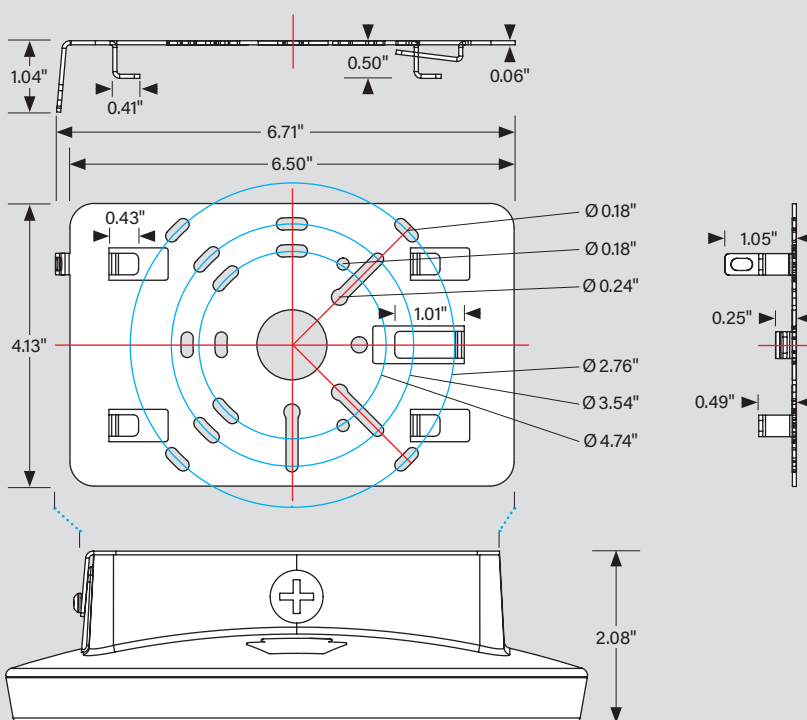
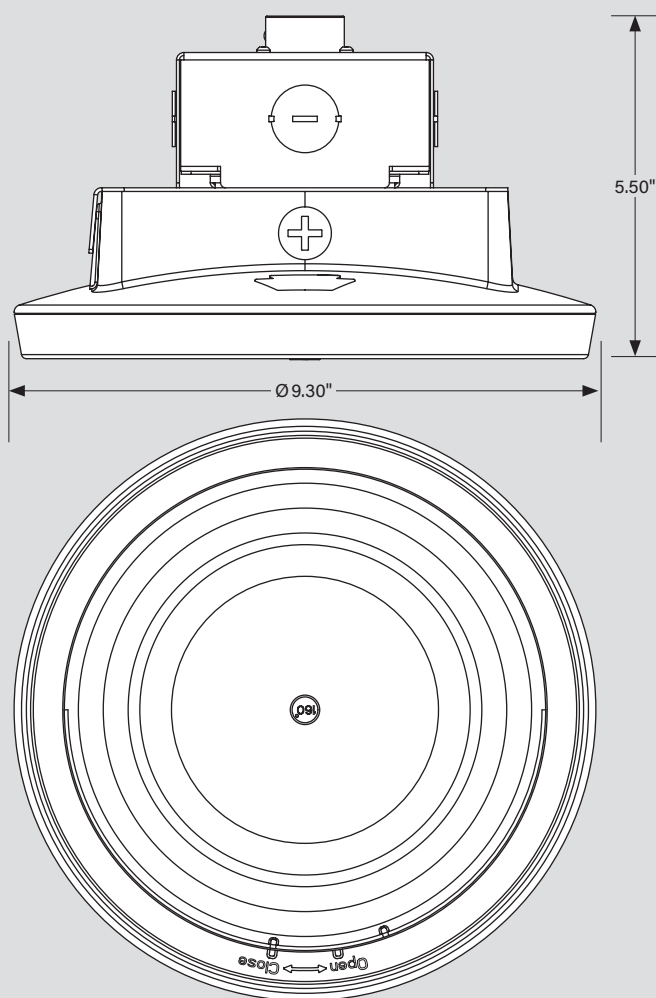
PHYSICAL SPECIFICATIONS

MEDIUM HOUSING CANOPY *



* Surface mount kit sold separately

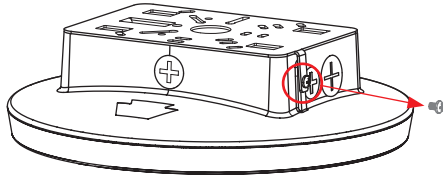
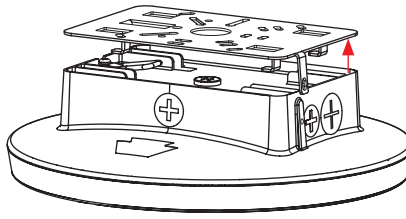
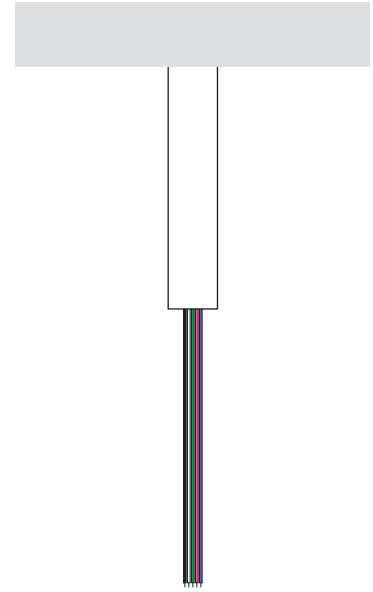
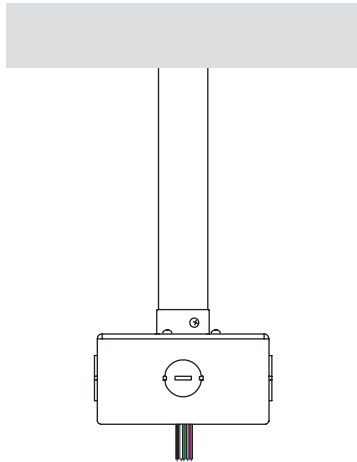
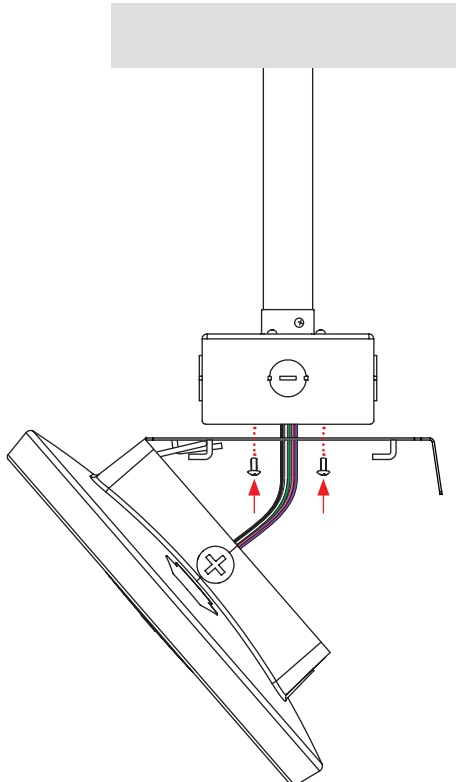
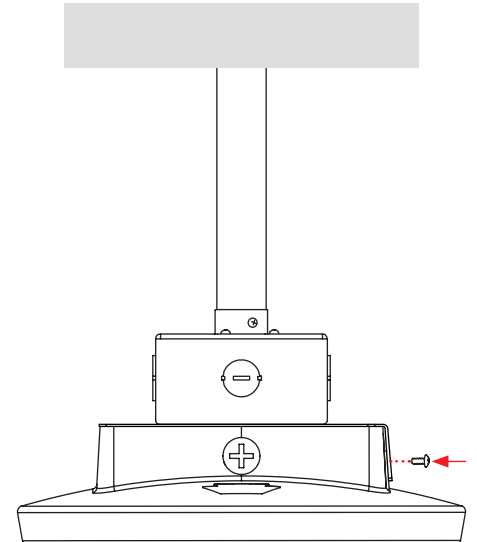
(Physical Specifications continue on next page)

PHYSICAL SPECIFICATIONS (continued)**SMALL HOUSING CANOPY ***

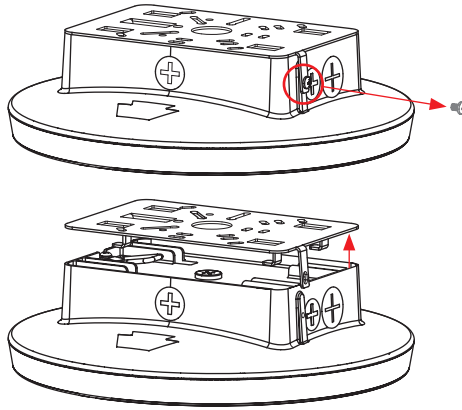
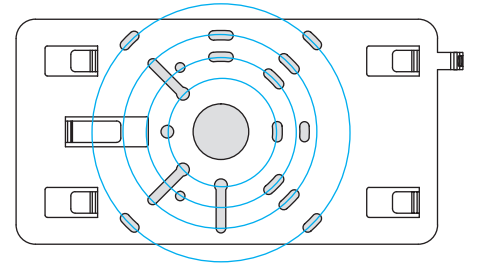
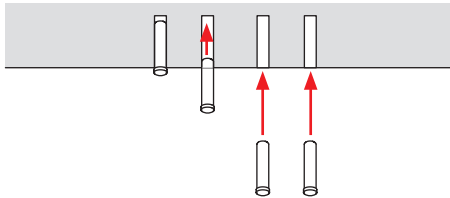
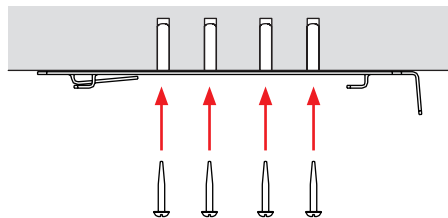
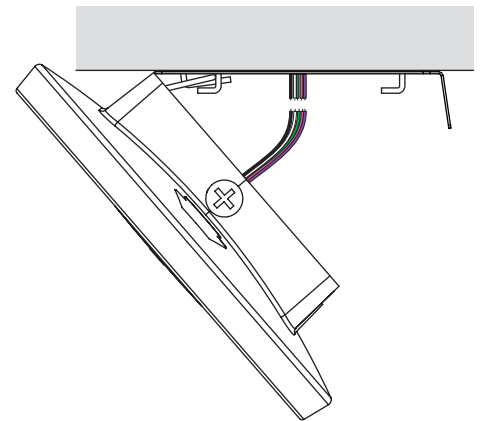
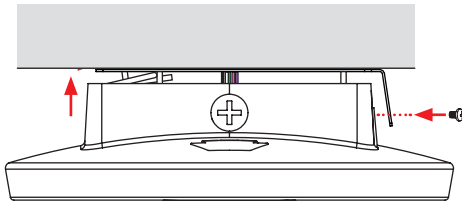
* Surface mount kit sold separately

INSTALLATION INSTRUCTIONS**NPT FITTING INSTALL****1. Shut off power at the source.**

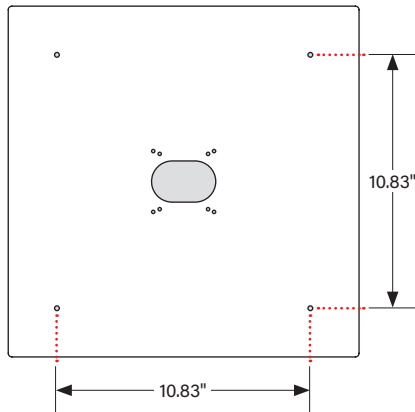
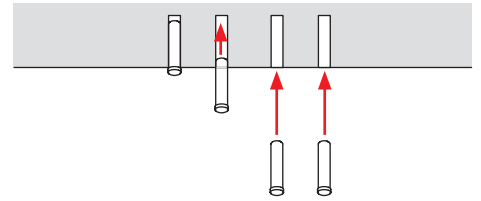
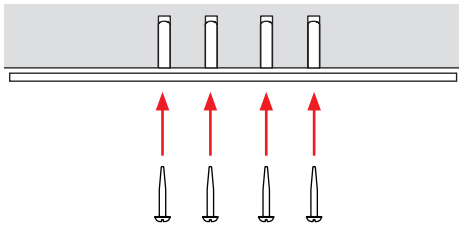
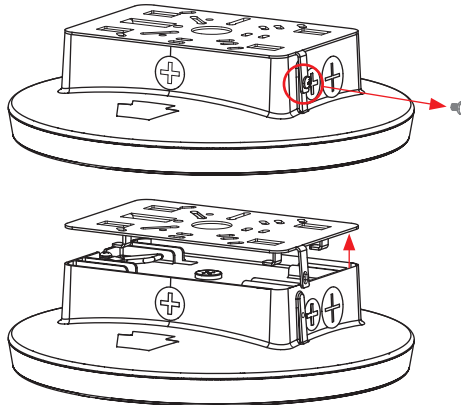
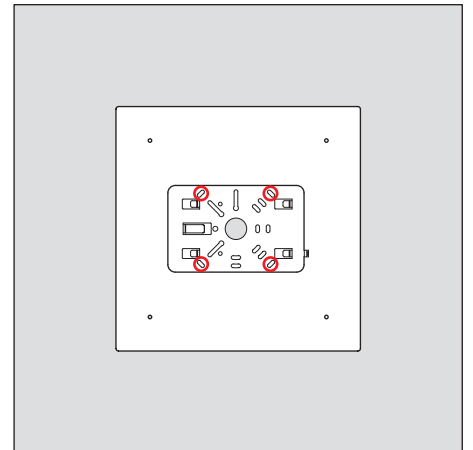
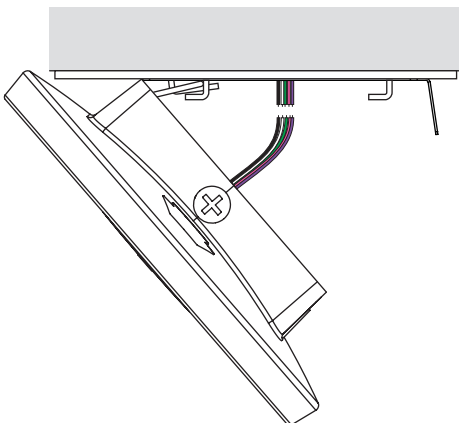
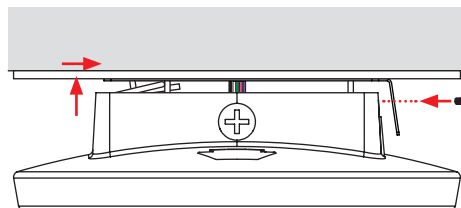
Remove the PM4*6MM screw holding pre-installed fixture plate to canopy.

**2. Remove fixture plate from canopy.****3. Pull source wiring from ceiling through 3/4" NPT fitting.****4. Attach surface mount kit to NPT fitting, pulling wires through surface mount.****5. Thread wires through fixture plate and secure the mounting plate to the surface mount kit. Once secured, suspend canopy from fixture plate and connect source wires to fixture wires (see **Wiring Diagrams** on page 2).****6. Push wires into surface mount kit and secure the canopy to the fixture plate by tightening the PM4*6MM screw removed in step 2. Restore power to the fixture.**

(Installation Instructions continue on next page)

INSTALLATION INSTRUCTIONS (continued)**FIXTURE PLATE INSTALL****1. Shut off power at the source.****2. Remove the PM4*6MM screw and detach fixture plate from the top of the canopy.****3. Using the fixture plate as a template, drill four 5MM holes into the ceiling that align with junction box accommodations on site. (Note: drilling template matches most standard junction box varieties).****4. Tap the rubber fasteners (provided) into the holes drilled in step 3.****5. Secure fixture plate to the ceiling with the (4) screws (included) using the holes drilled in step 3.****6. Suspend fixture from fixture plate and connect fixture wiring to power supply (see **Wiring Diagrams** on page 2). Push connected wires into junction box.****7. Install fixture tightly against fixture plate and secure by tightening the PM4*6MM screw removed in step 2. Restore power to the fixture.**

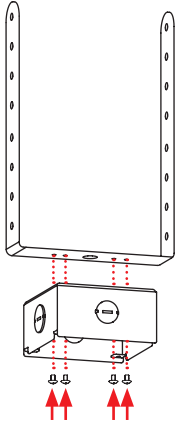
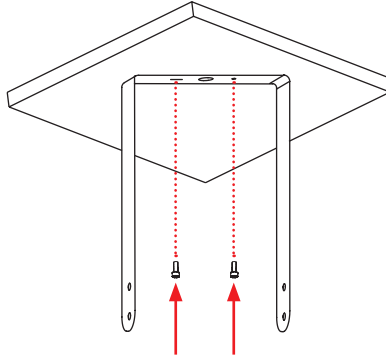
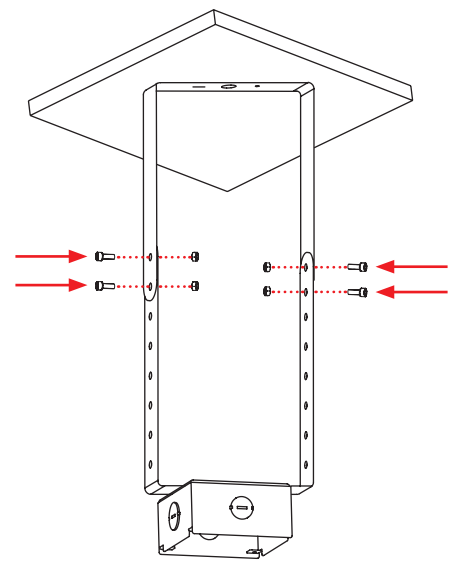
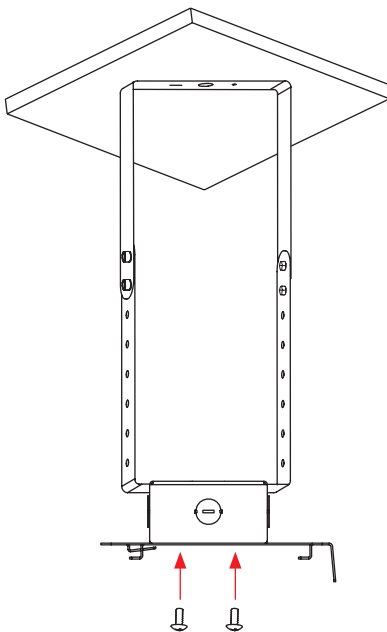
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INSTALLATION INSTRUCTIONS (continued)**15" BACK PLATE INSTALL****1. Shut off power at the source.****2. Drill four (4) 5mm holes into the ceiling according to the measurements of the back plate (sold separately).****3. Tap the rubber fasteners (provided) into the holes drilled in step 2.****4. Secure back plate to the ceiling with the four (4) screws using the holes drilled in step 2.****5. Remove PM4*6MM screw screw and then detach fixture plate from top of the LED round canopy light fixture.****6. Secure the fixture plate to the back plate with screws.****7. Suspend fixture from fixture plate and connect fixture wiring to power supply (see *Wiring Diagrams* on page 2). Push connected wires into junction box.****8. Install fixture tightly against fixture plate and secure with the PM4*6MM screw removed in step 5. Restore power to the fixture.**

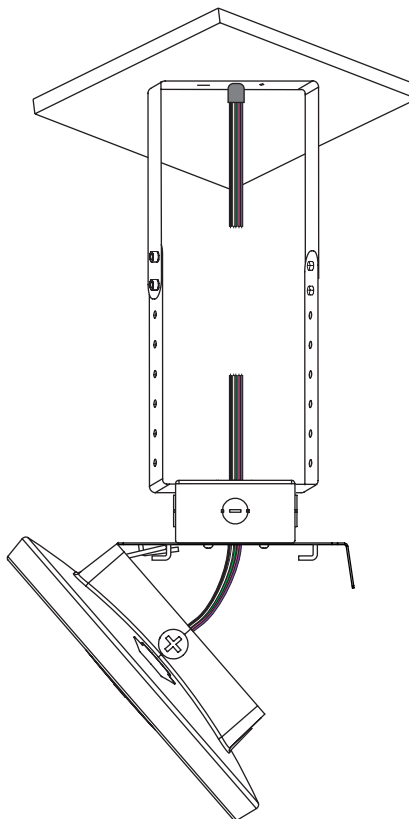
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INSTALLATION INSTRUCTIONS (continued)**TRUNNION MOUNT INSTALL****1. Shut off power at the source.**

Attach surface mount kit to lower section of trunnion mount.

**2. Drill two (2) holes into the ceiling and secure upper section of trunnion mount to the ceiling with two screws..****3. Align holes of upper and lower sections of the trunnion mount and join sections together with screws.****4. Reattach fixture plate to surface mount kit.****5. Suspend fixture from fixture plate and connect fixture wiring to power supply (see *Wiring Diagrams* on page 2).**

Ensure connections are placed in surface mount kit.

**6. Install fixture tightly against fixture plate and attach securely with screws on both sides. Restore power to the fixture.**