

LED STAIRWELL FIXTURE

KT-SWLED25PS-2A-8CSA-VDIM-P / KT-SWLED45PS-4A-8CSA-VDIM-P

INSTALLATION INSTRUCTIONS

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

APPLICATION

Used in commercial and retail applications. Ideal for use in stairwells, corridors, and hallways.

SAFETY AND ELECTRICAL PARAMETERS

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 luminaire 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 handling fixture.

Notice

- Green ground screw provided in proper location. Do not relocate.
- Minimum 90° supply conductors.
- Specifications and dimensions subject to change without notice.
- Suitable for Dry or Damp location.

COMPONENTS INCLUDED IN KIT

Part	Quantity
LED Stairwell Fixture	1
Pack of (4) mounting screws	1
Metal positioning plate	1
Instruction sheet	1

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

PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Dimming	Lifetime
KT-SWLED25PS-2A-8CSA-VDIM-P	120-277V	25W	3500K	2,950 lm	119 lm/W	> 80	0-10V Dim-to-Off	50,000 hrs
			4000K	3,050 lm	121 lm/W			
			5000K	3,000 lm	120 lm/W			
		20W	3500K	2,350 lm	119 lm/W			
			4000K	2,450 lm	121 lm/W			
			5000K	2,400 lm	120 lm/W			
		15W	3500K	1,750 lm	119 lm/W			
			4000K	1,850 lm	121 lm/W			
			5000K	1,800 lm	120 lm/W			
KT-SWLED45PS-4A-8CSA-VDIM-P	120-277V	45W	3500K	5,350 lm	119 lm/W	> 80	0-10V Dim-to-Off	50,000 hrs
			4000K	5,450 lm	121 lm/W			
			5000K	5,400 lm	120 lm/W			
		35W	3500K	4,100 lm	119 lm/W			
			4000K	4,250 lm	121 lm/W			
			5000K	4,200 lm	120 lm/W			
		30W	3500K	3,550 lm	119 lm/W			
			4000K	3,650 lm	121 lm/W			
			5000K	3,600 lm	120 lm/W			

NOTE: Power Select and Color Select are preset at 5000K and highest wattage.

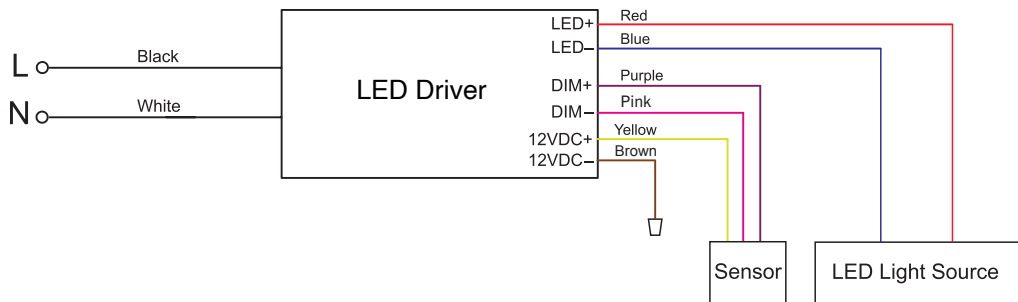
To adjust lumen output use switch labelled 45/35/30W or 25/20/15W

To adjust color temperature settings use the switch on the back of the panel labelled 3500/4000/5000K



GENERAL SETUP INSTRUCTIONS

WIRING DIAGRAM

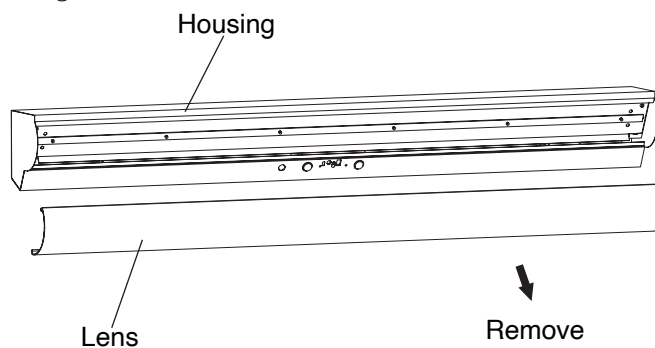


**In accordance with NEC-20 410.69 2022, all 0-10V negative wires have been updated from gray to pink. Please contact Keystone for details.*

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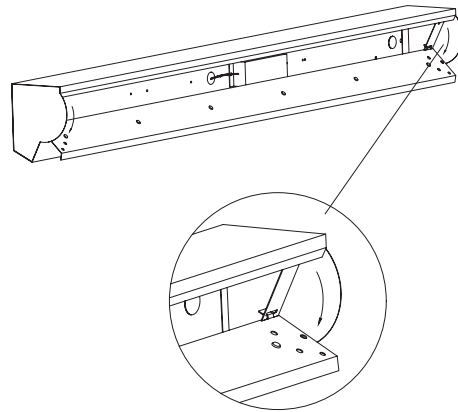
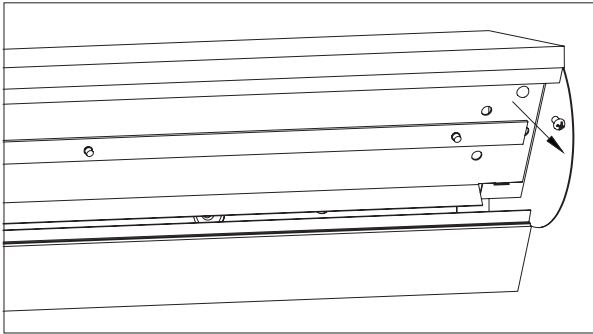
1. Remove the lense from the housing.



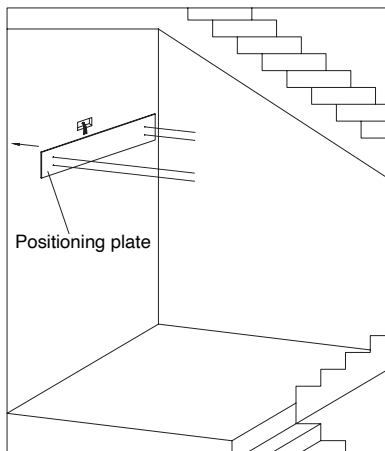
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INSTALLATION INSTRUCTIONS (continued)**KT-SWLED25PS-2A-8CSA-VDIM-P / KT-SWLED45PS-4A-8CSA-VDIM-P**

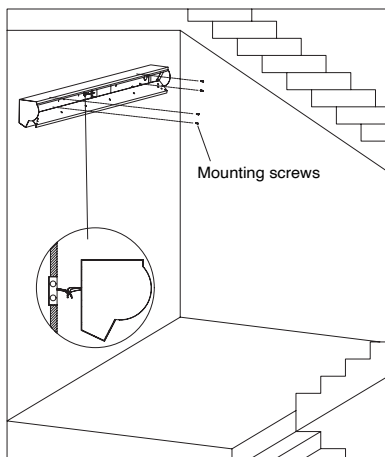
2. Remove screws that hold metal pan onto fixture and swing down to appropriate position.



3. Drill four holes in corresponding positions using included positioning plate. Remove plate and insert appropriate anchoring bolts (not included).



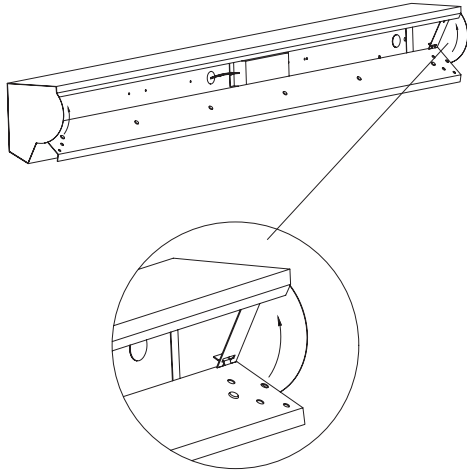
4. Attach fixture to wall by screwing four mounting screws through the fixture holes into each anchoring bolt. Connect AC wires.



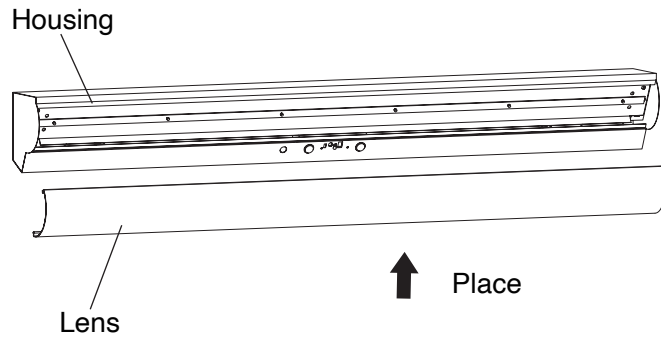
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INSTALLATION INSTRUCTIONS (continued)**KT-SWLED25PS-2A-8CSA-VDIM-P / KT-SWLED45PS-4A-8CSA-VDIM-P**

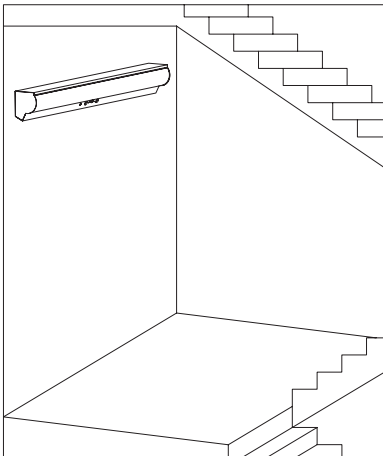
5. Push the metal pan back into its original position and screw to fixture.



6. Reinstall lens.



7. Installation is complete.



SENSOR INFORMATION

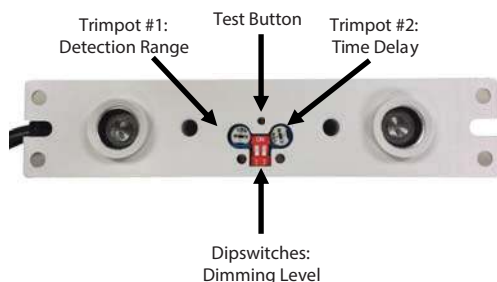
Bi-level Dimming: 0-10V dimmer connects to 0-10V control on the LED driver. When motion is detected the sensor will bring lighting up to 100% lumen output. When no motion is detected for the length of selected Time Delay, the sensor will send a signal to dim lighting to a specific level set by the end-user.)

Test Mode: Test Mode sets the time delay to five seconds and runs for 5 minutes, LED flashes 2 times to indicate Test Mode started. After 5 minutes (or push the Test Mode button again), LED flashes 3 times, the sensor returns to the selected time delay. During test mode, full output when triggered, and dimming level reflects the dip switch setting.

Sensor Type	Ultrasonic
Input Voltage Current Consumption	12-24VDC 45mA sensor
0-10V Output	100mA, up to 50LED sink drivers
High	Vin-2.5V 100mA source
Low	100mA sink current
Mounting Height	Fixture-Wall Mount or ceiling mount at 8-12ft (2.4-3.7m) high
[Low/Med/High] Max Range* (Wall Mounted)	13ft (4.0m) / 18ft (5.5m) / 35ft (10.7m)
Time Delays (TD1)	1min, 5min, 20min
Operating Temperature	-30°C/-40°F to 70°C/158°F
Storage Temperature	-40°C/-40°F to 80°C/176°F
Relative Humidity	90-95% non-condensing at 30°C/86°F
Color	White
Warranty	5 years

*Results may vary based on mounting height, angle, floor material, and line of sight.

SETTINGS ADJUSTMENTS



Dipswitch 1	Dipswitch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

SAVE THESE INSTRUCTIONS