KT-VTLEDXXPS-XA-8CSA-VDIM
LED VAPORTIGHT FIXTURE

INSTALLATION INSTRUCTIONS

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

APPLICATION
Used for commercial and industrial rugged or outdoor applications.

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 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.
- All wiring connections should be capped with UL approved wire connectors.
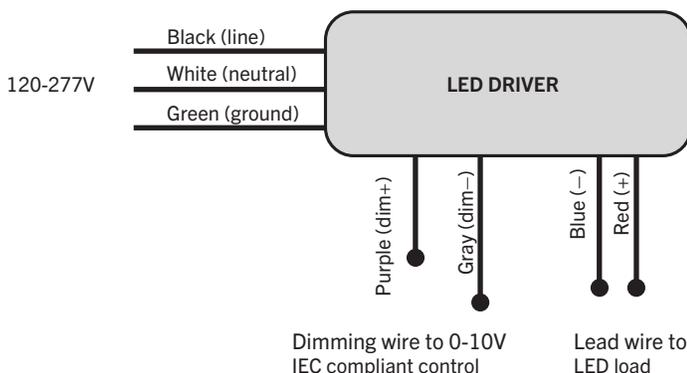
Caution
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Risk of Burn. Disconnect power and allow fixture to cool before changing handling fixture.

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

General Wiring Diagram

120-277V

Black (line)
White (neutral)
Green (ground)

LED DRIVER

Purple (dim+)
Gray (dim—)
Blue (—)
Red (+)

Dimming wire to 0-10V
IEC compliant control

Lead wire to
LED load

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PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumens	Efficacy	Rated Life	CRI	Power Factor
KT-VTLED25PS-2A-8CSA-VDIM	120-277V	25W	3500K	3,200 lm	128 lm/W	50,000 hrs	>80	>0.9
			4000K	3,250 lm	130 lm/W			
			5000K	3,225 lm	129 lm/W			
		20W	3500K	2,560 lm	128 lm/W			
			4000K	2,600 lm	130 lm/W			
			5000K	2,580 lm	129 lm/W			
		15W	3500K	1,920 lm	128 lm/W			
			4000K	1,950 lm	130 lm/W			
			5000K	1,935 lm	129 lm/W			
KT-VTLED44PS-4A-8CSA-VDIM	120-277V	44W	3500K	5,852 lm	133 lm/W	50,000 hrs	>80	>0.9
			4000K	5,940 lm	135 lm/W			
			5000K	5,896 lm	134 lm/W			
		28W	3500K	3,724 lm	133 lm/W			
			4000K	3,780 lm	135 lm/W			
			5000K	3,752 lm	134 lm/W			
		18W	3500K	2,394 lm	133 lm/W			
			4000K	2,430 lm	135 lm/W			
			5000K	2,412 lm	134 lm/W			
KT-VTLED75PS-4A-8CSA-VDIM	120-277V	75W	3500K	9,975 lm	133 lm/W	50,000 hrs	>80	>0.9
			4000K	10,125 lm	135 lm/W			
			5000K	10,050 lm	134 lm/W			
		64W	3500K	8,512 lm	133 lm/W			
			4000K	8,640 lm	135 lm/W			
			5000K	8,576 lm	134 lm/W			
		44W	3500K	5,852 lm	133 lm/W			
			4000K	5,940 lm	135 lm/W			
			5000K	5,896 lm	134 lm/W			
KT-VTLED90PS-8A-8CSA-VDIM	120-277V	90W	3500K	11,970 lm	133 lm/W	50,000 hrs	>80	>0.9
			4000K	12,150 lm	135 lm/W			
			5000K	12,060 lm	134 lm/W			
		75W	3500K	9,975 lm	133 lm/W			
			4000K	10,175 lm	135 lm/W			
			5000K	10,050 lm	134 lm/W			
		54W	3500K	7,182 lm	133 lm/W			
			4000K	7,290 lm	135 lm/W			
			5000K	7,236 lm	134 lm/W			

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INSTALLATION INSTRUCTIONS

A

B

C

A
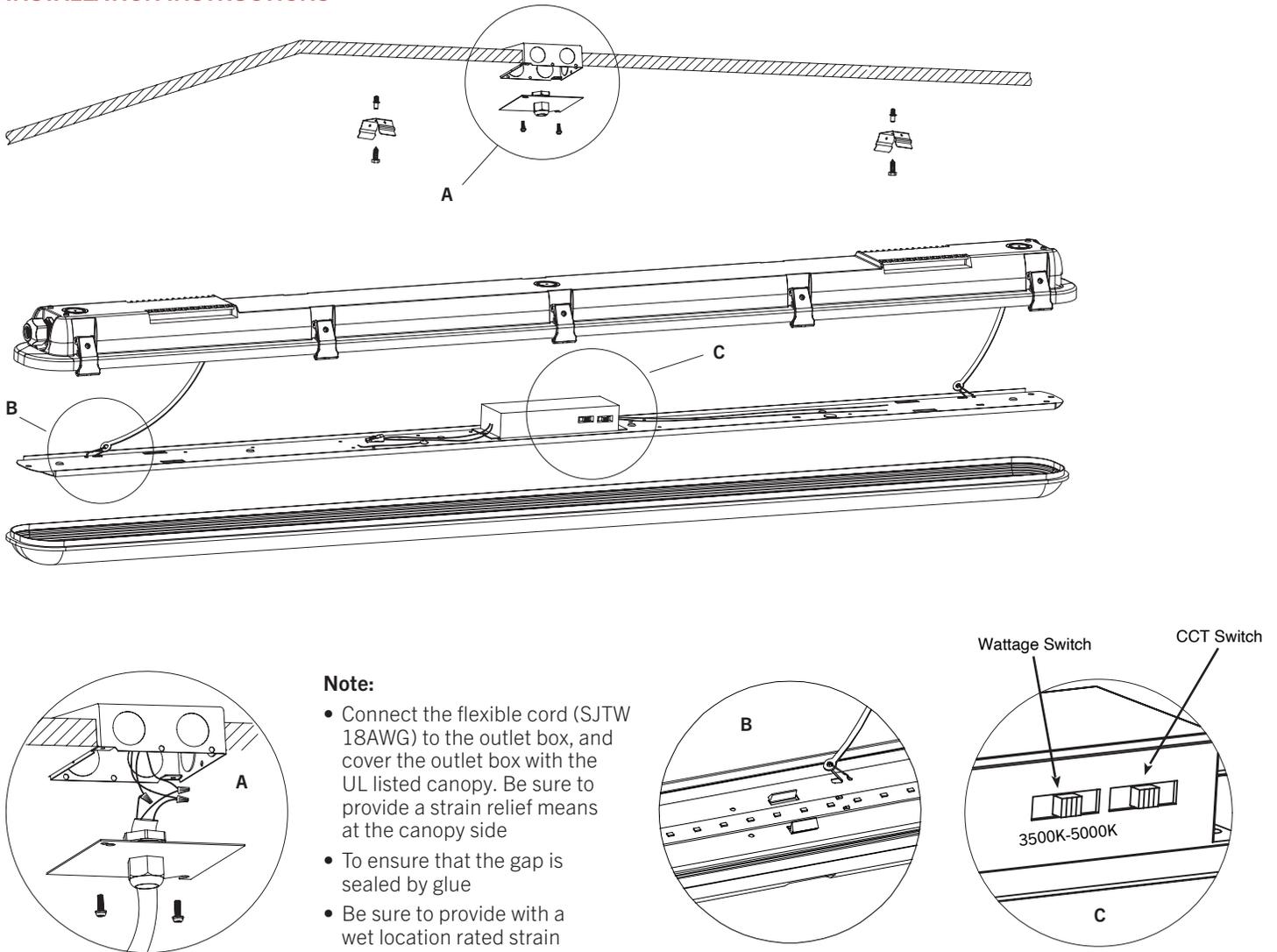
Note:
- Connect the flexible cord (SJTW 18AWG) to the outlet box, and cover the outlet box with the UL listed canopy. Be sure to provide a strain relief means at the canopy side
- To ensure that the gap is sealed by glue
- Be sure to provide with a wet location rated strain relief means

B

Wattage Switch   CCT Switch

3500K-5000K

C

Always turn off the power supply from main circuit breaker first!

Step 1: Locate drill holes for mounting brackets. Use hardware found in hardware kit. Mount bracket to surface.

Step 2: Pre-attached lens buckles to housing and Detach LED tray from fixture.

Step 3: Attach body to mounting clips

Step 4: Locate safety cable when opening to install fixture body and Snap connect tether to gear tray before making electrical connection as shown in figure B.
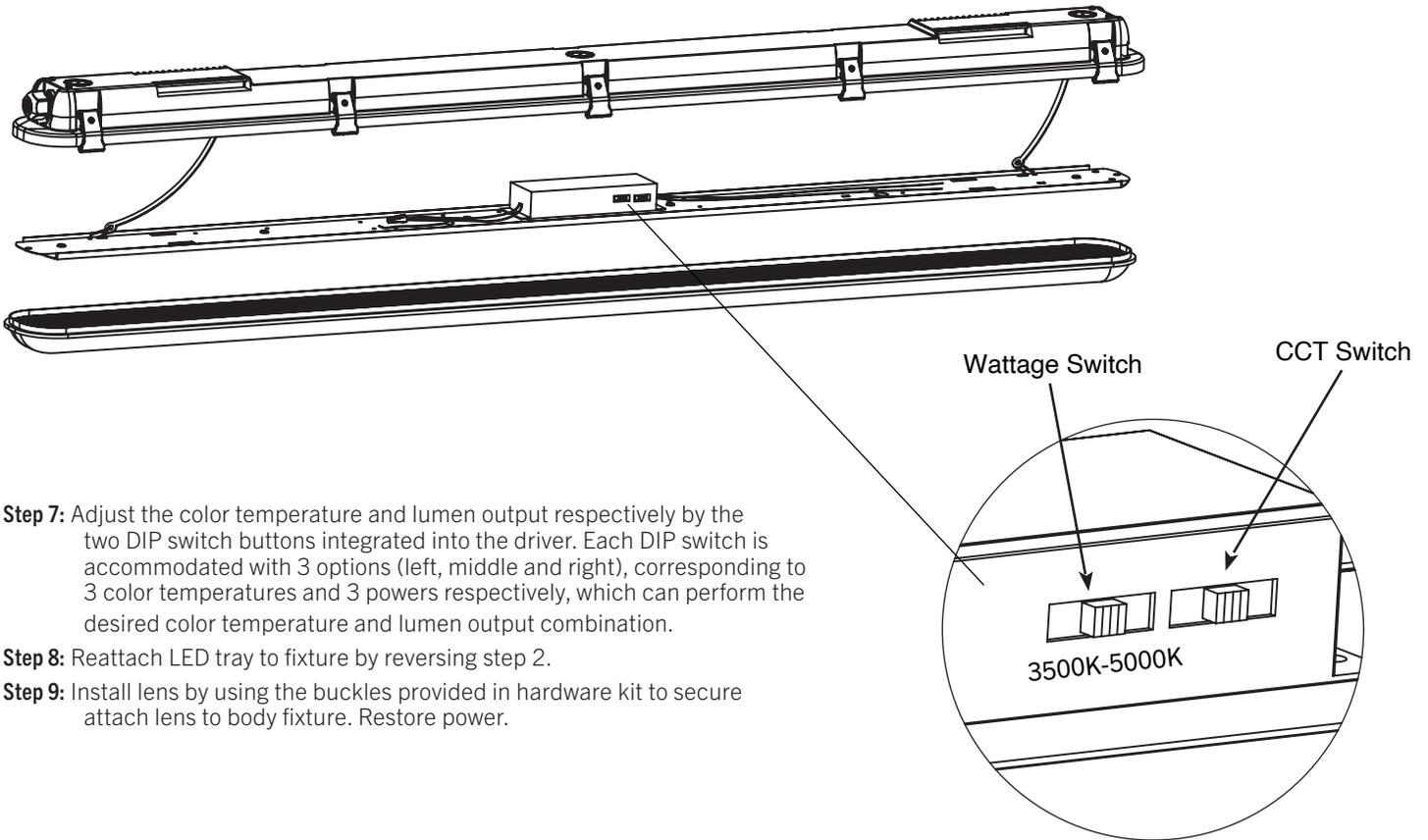
Step 5: Connect power to the driver. (Flexible cord supplied by others.)

Step 6: Follow general wiring Diagram on Figure A for reference. Make sure the power supply is disconnected before installing.

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INSTALLATION INSTRUCTIONS (continued)

Wattage Switch

CCT Switch

3500K-5000K

Step 7: Adjust the color temperature and lumen output respectively by the two DIP switch buttons integrated into the driver. Each DIP switch is accommodated with 3 options (left, middle and right), corresponding to 3 color temperatures and 3 powers respectively, which can perform the desired color temperature and lumen output combination.

Step 8: Reattach LED tray to fixture by reversing step 2.

Step 9: Install lens by using the buckles provided in hardware kit to secure attach lens to body fixture. Restore power.

SAVE THESE INSTRUCTIONS