

LED Area Light Installation Instruction

SAFETY INSTRUCTIONS

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

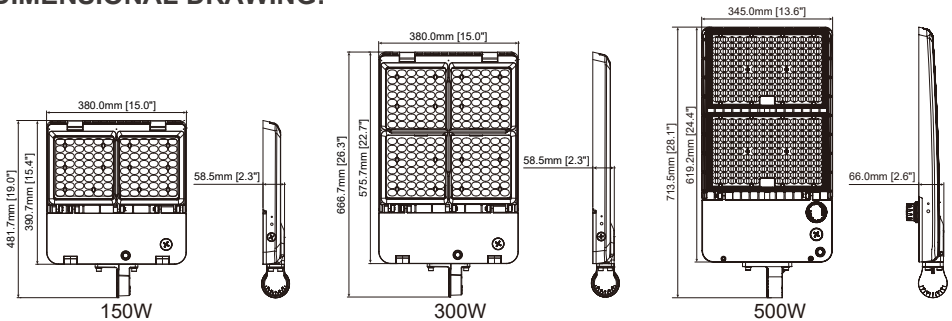
WARNING: TURN OFF POWER BEFORE INSTALLATION.

1. Review the diagrams before beginning, and make sure the fixture is grounded properly.
2. This fixture has to be installed or maintained in accordance with the application code by a professional person who is familiar with the construction and operation of the product and the hazards involved.
3. This fixture must be wired in accordance with the international electrical code and applicable local codes and ordinances.
4. Proper grounding is required to ensure personal safety. Carefully observe the correct grounding procedure under the installation section.
5. Check that the voltage is compatible with the fixture driver, and use approved connectors for all electrical connections.
6. Please do not disassemble, repair, or modify the light fixtures without permission. Avoid causing damage to the light fixtures and other undesirable consequences.

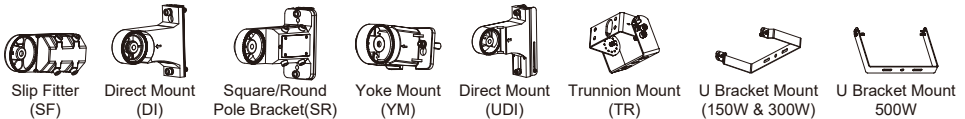
BRACKETS OPTIONS:

Part No.	Input Voltage	CCT	Power	Rated Current(max)
A-AL300/350/400/450/500W-NVS-345KP	120-277VAC 50/60Hz	3000/4000/5000K	300/350/400/450/500W	2.75/3.2/3.66/4.13/4.58A

DIMENSIONAL DRAWING:

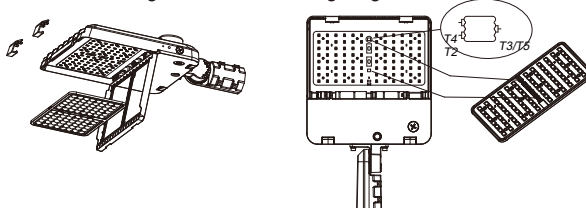


BRACKETS OPTIONS:



CHANGEABLE OPTICS (150W and 300W only, 500W is not available.)

1. Undoing a pair of clasps, take out the lens.
 2. Let the lens correspond to different positions to meet the desired lighting distribution.
 3. Integrated lens for T2 T3 T4 lighting distribution; separate lens for T5 lighting distribution.
- Note: There is a silk-screen logo for T2 T3 T4 T5 lighting distribution on the circuit board.

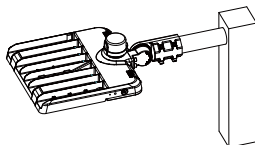
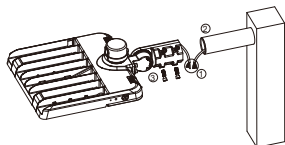




WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.

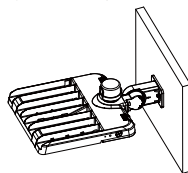
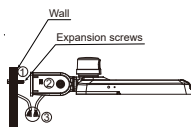
SLIP FITTER MOUNTING INSTRUCTIONS

1. Remove the bracket mounting screws on the fixture and pass the wires through the bracket. Install the bracket on the fixture. Connect the wire correctly and put the wires into the pole.
2. Fasten the locking bolts between SF and the pole.
3. Loosen the fixing bolts and adjusting bolts, and align the fixture to the required angle. Tighten adjusting bolts and fixing bolts after the angle is confirmed.



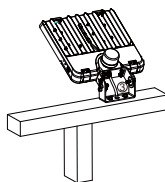
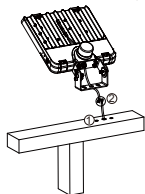
YOKE MOUNTING INSTRUCTIONS

1. Drill holes in the wall as shown. Knock the expansion screws into the wall.
2. Remove the bracket mounting screws on the fixture and pass the wires through the bracket. Install the bracket on the fixture.
3. Use the nuts to fix the fixture to the wall aiming at the expansion screws, adjust the angle of the bracket and tighten the screws; then connect the wires properly.



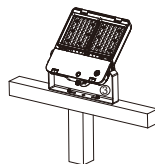
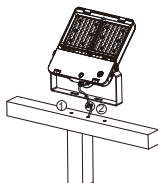
TRUNNION MOUNTING INSTRUCTIONS

1. Drill holes in the pole.
2. Install the mount to the fixture, tighten the mount, and install the screws. Connect the wires properly.
3. Connect the fixture to the pole and tighten the screws.



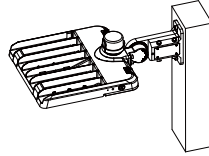
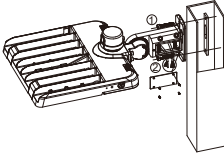
U BRACKET MOUNTING INSTRUCTIONS

1. Drill holes in the pole.
2. Install two big screws and two small screws on the bracket. Install the mount to the fixture, tighten the mount, and install the screws. Connect the wires properly.
3. Connect the fixture to the pole and tighten the screws. Loosen the screw to adjust the angle, and tighten the screws after the angle is confirmed.



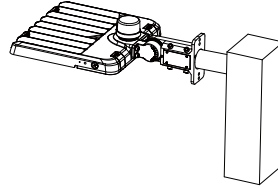
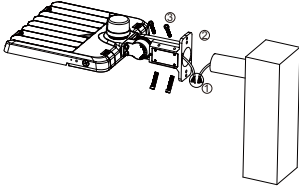
SQUARE/ROUND POLE MOUNTING ON SQUARE/ROUND POLE INSTRUCTIONS

1. Remove the bracket mounting screws on the fixture, open the side lid of the bracket, and pass the wires through the bracket. Install the bracket on the fixture.
 2. Fix the SR bracket to the square pole with the bolt, pull all wires into the junction box, and connect the wires correctly.
 3. Put the connected wires into the junction box, cover the side lid, and tighten it.
- Same as round pole installation, please remember to use the adapting plate for round pole installation.



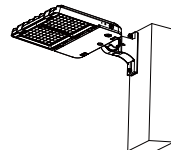
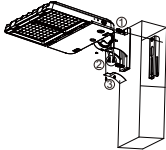
SQUARE/ROUND POLE MOUNTING INSERT ON ROUND POLE INSTRUCTIONS

1. Remove the spare parts from the SR bracket
2. Loosen the locking bolts on the SR bracket, connect the wires correctly, and pull the wires into the pole
3. Place the bracket into the pole and lock the four bolts



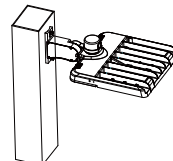
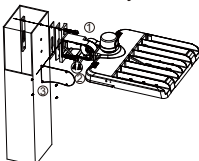
UNIVERSAL DIRECT MOUNTING INSTRUCTIONS

1. Remove the bracket mounting screws on the fixture, open the side lid of the bracket, and pass the wires through the bracket. Install the bracket on the fixture.
 2. Fix the UDI bracket to the square pole with the bolt, pull all wires into the junction box, and connect the wires correctly.
 3. Put the connected wires into the junction box, cover the side lid, and tighten it.
- Same as round pole installation, please remember to use the adapting plate for round pole installation.



DIRECT MOUNTING INSTRUCTIONS FOR SQUARE POLE

1. Remove the bracket mounting screws on the fixture, open the side lid of the bracket, and pass the wires through the bracket. Install the bracket on the fixture.
2. Fix the DI bracket to the square pole with the bolt, pull all wires into the junction box, and connect the wires correctly.
3. Put the connected wires into the junction box, cover the side lid, and tighten it.

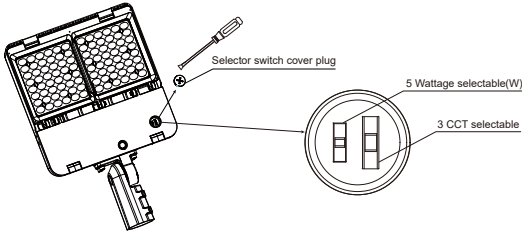


FUNCTION ADJUSTMENT

Follow the instructions below to change fixture Color Temperature (CCT), Power (W) option from the factory default settings before installation:

Factory Default Settings: Max wattage, 5000K.

1. Locate the Selector Switches on the front of the Housing as shown in the figure and remove the Selector Switch Cover Plug.
2. Select Color Temperature (CCT), Power (W) position by sliding the respective switch to the desired value.
3. Replace the Selector Switch Cover Plug. Tighten the plug to prevent water.



Do not operate with power on.
Please turn off the power when adjusting the power or color temperature.

MAINTENANCE AND CLEANING

WARNING: TURN OFF POWER BEFORE MAINTENANCE AND CLEANING.

1. Before touching the fixture, make sure the fixture is cooling.
2. Do not clean or maintain while the fixture is energized.
3. Clean the lens & fixture with a non-abrasive glass cleaning solution.
4. Do not open the fixture to clean and touch LED chips.

CONNECTION DIAGRAM

WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.

Black wire connects to L, White wire connects to N, Green wire connects to GROUND.

For 0-10V dimming, the wiring direction is as below:

1. Turn off the power.
2. Connect the BLACK wire with the LINE.
3. Connect the WHITE wire with the COMMON.
4. Connect the GREEN wire with the GROUND.
5. Connect the PURPLE wire with the (V+) DIM.
6. Connect the PINK wire with the (V-) DIM.

CAUTION: DO NOT connect the PINK (-) DIM V - wire with GROUND.

