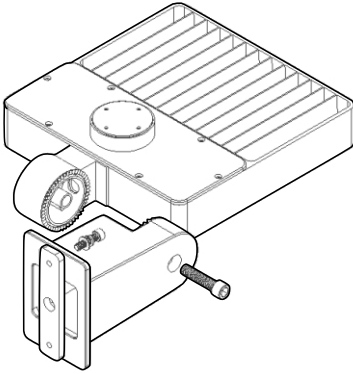


# USSLxxxWPL Series LED Area Light Installation Sheet

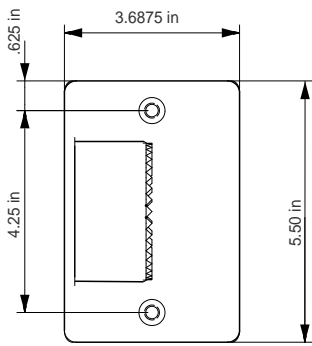
## ARM MOUNT (SQUARE POLE)



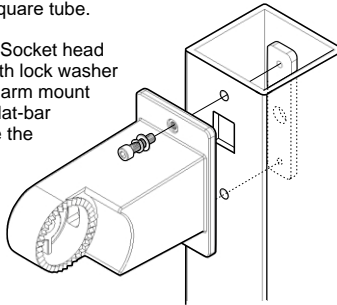
**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.  
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
 Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

### STANDARD INSTALLATION STEPS

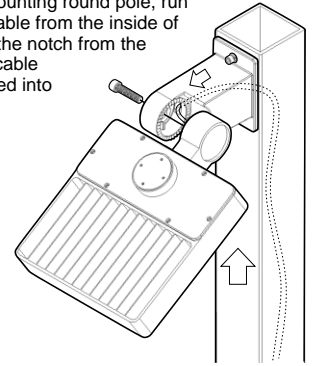
#### DRILLING TEMPLATE



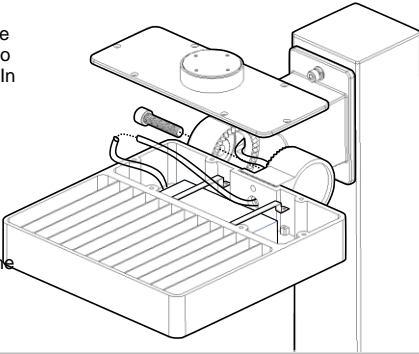
1. Use provided Hole Pattern for drilling. Make sure to make an extra notch for the power cables to run through the Square Tube.
2. Place mount against square tube.
3. Install the provided [2] Socket head M8-1.25 x 40 mm bolts with lock washer and washer to secure the arm mount firmly in place, insert the flat-bar with threaded holes inside the round tube and use the threaded holes to secure the mount. Make sure all bolts are tightened and holes are properly sealed.



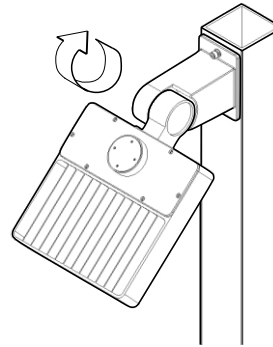
4. Once the Arm Mount is properly fastened to the mounting round pole, run the power cord cable from the inside of the pole and out the notch from the Arm Mount. This cable will then be inserted into the fixture.



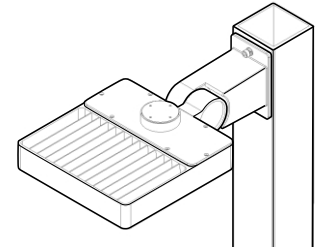
5. Run the power cord from the arm mount to the luminaire, Once the cable has been inserted inside the fixture, connect the power cable to the LED Driver inside the fixture. In order to access the LED Driver cables, the electrician must first remove the [6] screws from the service door using a #2 Phillips screw driver and make all connections inside the luminaire.



6. Once all wiring is complete, Close the service door and use the M12 bolt to fasten the Arm Mount to the fixture. Do not fasten completely.



7. Adjust the Tilt Angle on the luminaire, once the Tilt Angle is as desired, finish tightening the Socket Head bolt to firmly tighten the fixture with the Arm Mount.

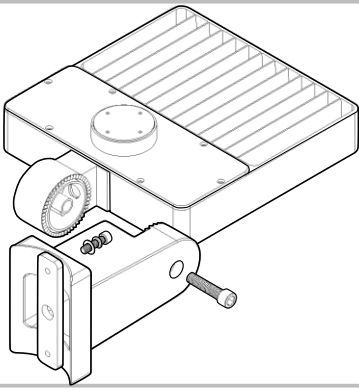


Using a J-Box (not included), Connect the ACL and the ACN from the driver to the conduit with the AC Power Supply cords. Follow the Wiring Diagram provided.



\* LED DRIVER Input Ground (green) wire only available for selected fixtures.  
 If the Ground Wire is missing and the Power Supply includes a ground wire, connect the power supply ground wire to the fixture.

# USSLxxxWPL Series LED Area Light Installation Sheet

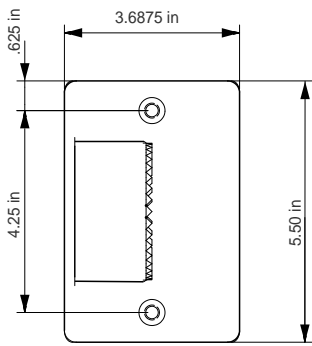


## ARM MOUNT (ROUND POLE)

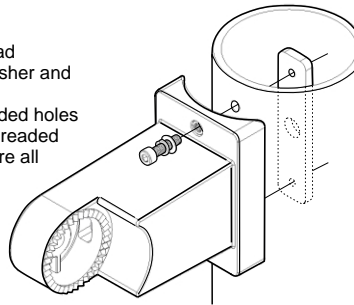
**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.  
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
 Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

### STANDARD INSTALLATION STEPS

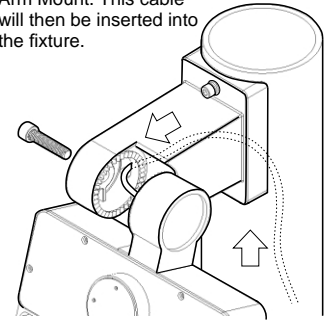
#### DRILLING TEMPLATE



1. Use provided Hole Pattern for drilling. Make sure to make an extra notch for the power cables to run through the Round Tube.
2. Place mount against round tube.
3. Install the provided [2] Socket head M8-1.25 x 40 mm bolts with lock washer and washer to secure the Mount firmly in place, insert the flatbar with threaded holes inside the round tube and use the threaded holes to secure the mount. Make sure all bolts are tightened and holes are properly sealed.

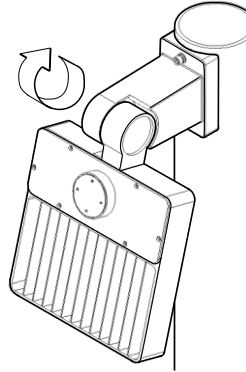
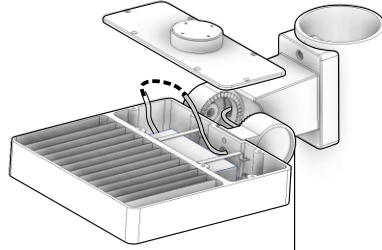


4. Once the Arm Mount is properly fastened to the mounting round pole, run the power cord cable from the inside of the pole and out the notch from the Arm Mount. This cable will then be inserted into the fixture.

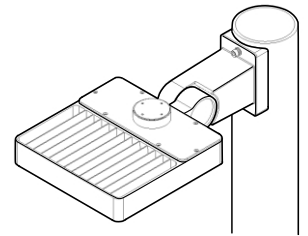


5. Run the power cord from the arm mount to the luminaire, Once the cable has been inserted inside the fixture, connect the power cable to the LED Driver inside the fixture. In order to access the LED Driver cables, the electrician must first remove the [6] screws from the service door using a #2 Phillips screw driver and make all connections inside the luminaire.

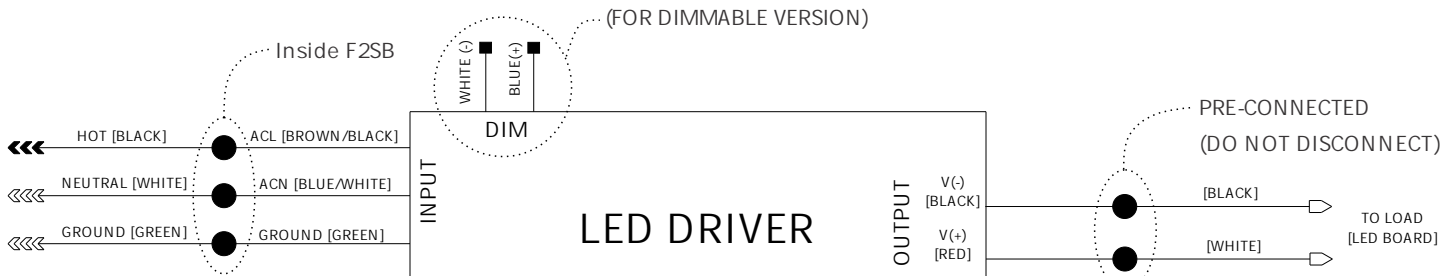
6. Once all wiring is complete, Close the service door and use the M12 bolt to fasten the Arm Mount to the fixture. Do not fasten completely.



7. Adjust the Tilt Angle on the luminaire, once the Tilt Angle is as desired, finish tightening the Socket Head bolt to firmly tighten the fixture with the Arm Mount.



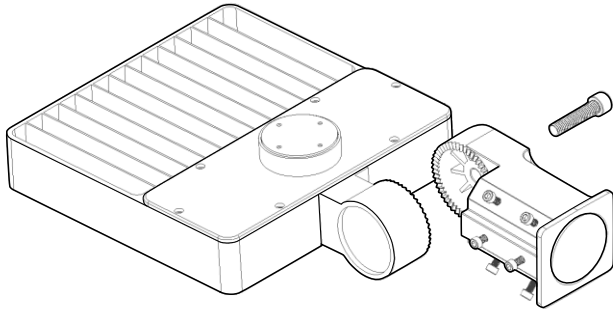
Using a J-Box (not included), Connect the ACL and the ACN from the driver to the conduit with the AC Power Supply cords. Follow the Wiring Diagram provided.



\* LED DRIVER Input Ground (green) wire only available for selected fixtures.  
 If the Ground Wire is missing and the Power Supply includes a ground wire, connect the power supply ground wire to the fixture.

# USSLxxxWPL Series LED Area Light Installation Sheet

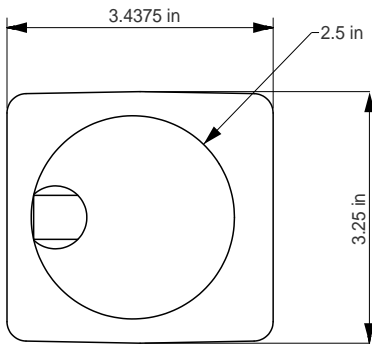
## SLIPFITTER MOUNT



**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.  
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
 Make all connections in accordance with the NEC requirements, and make sure all luminaires are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

### STANDARD INSTALLATION STEPS

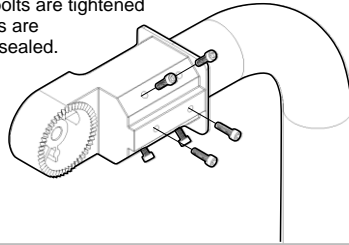
#### SLIPFITTER DIMENSIONS



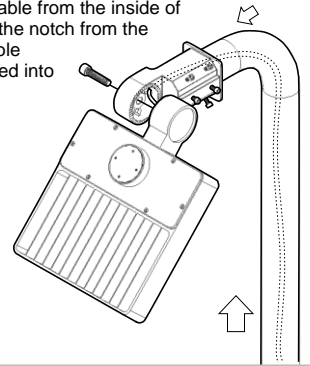
1. Use provided dimensions for determining if the Slipfitter Mount can be used. (In this installation example, the round pole is smaller than 2.5" diameter).

2. Place mount over the round pole.

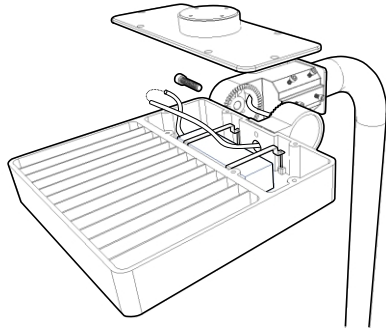
3. Install the provided [6] Socket head M8-1.25 x 20 mm bolts to secure the Slipfitter Mount firmly in place. Make sure all bolts are tightened and holes are properly sealed.



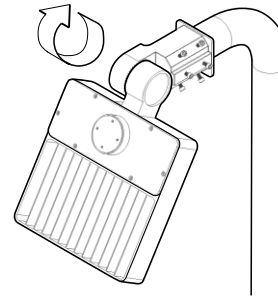
4. Once the Slip fitter is properly fastened to the mounting round pole, run the power cord cable from the inside of the pole and out the notch from the Slip fitter. This cable will then be inserted into the fixture.



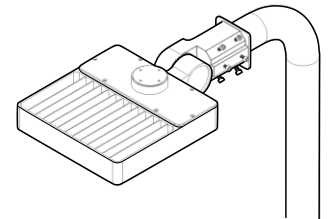
5. Run the power cord from the slip fitter to the luminaire. Once the cable has been inserted inside the fixture, connect the power cable to the LED Driver inside the fixture. In order to access the LED Driver cables, the electrician must first remove the [6] screws from the service door using a #2 Phillips screw driver and make all connections inside the luminaire.



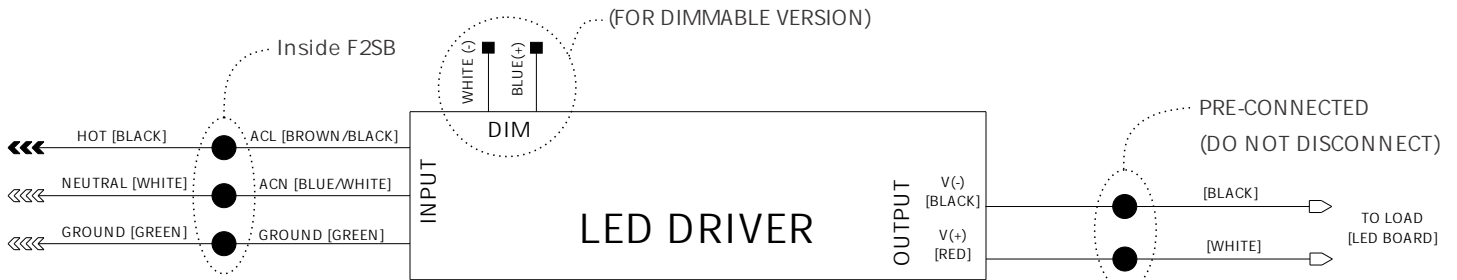
6. Once all wiring is complete, Close the service door and use the M12 bolt to fasten the Slip fitter to the fixture. Do not fasten completely.



7. Adjust the Tilt Angle on the luminaire, once the Tilt Angle is as desired, finish tightening the Socket Head bolt to firmly tighten the fixture with the Arm Mount.



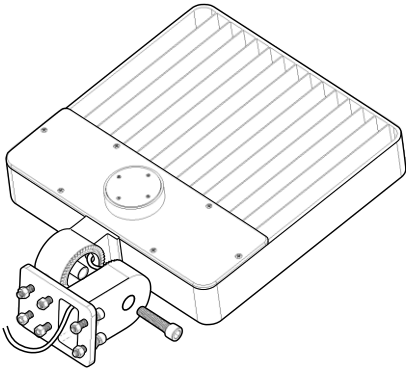
Using a J-Box (not included), Connect the ACL and the ACN from the driver to the conduit with the AC Power Supply cords. Follow the Wiring Diagram provided.



\* LED DRIVER Input Ground (green) wire only available for selected fixtures.  
 If the Ground Wire is missing and the Power Supply includes a ground wire, connect the power supply ground wire to the fixture.

# USSLxxxWPL Series LED Area Light Installation Sheet

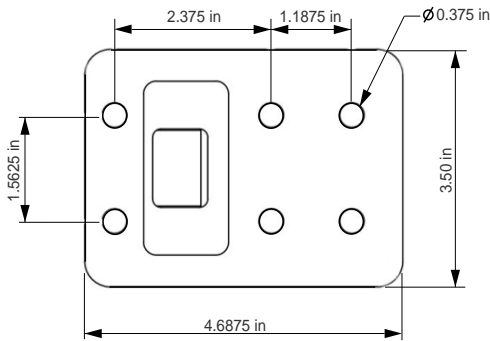
## TRUNNION MOUNT



**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.  
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
 Make all connections in accordance with the NEC requirements, and make sure all luminaires are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

### STANDARD INSTALLATION STEPS

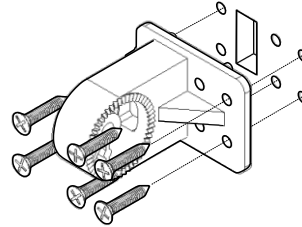
#### DRILLING TEMPLATE



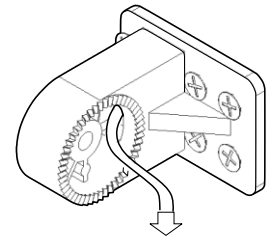
1. Use provided Hole Pattern for drilling. Make sure to make an extra notch for the power cables to run through the surface.

2. Place mount against surface

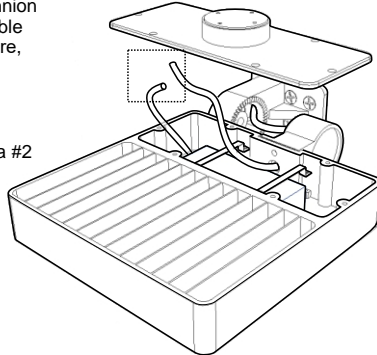
3. Install [6] bolts to secure the Trunnion Mount firmly in place. Make sure all bolts are tightened and holes are properly sealed.



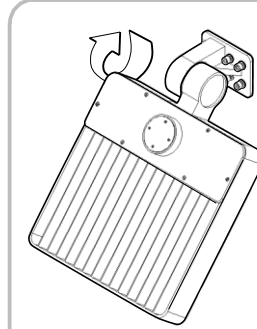
4. Once the Trunnion Mount is properly fastened to the mounting surface, run the power cord cable from the inside of the mounting surface and out notch from the Trunnion Mount.



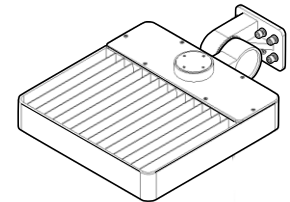
5. Run the power cord from the trunnion mount to the luminaire. Once the cable has been inserted inside the luminaire, connect the power cable to the LED Driver inside the fixture. In order to access the LED Driver cables, the electrician must first remove the [6] screws from the service door using a #2 Phillips screw driver and make all connections inside the luminaire.



6. Once all wiring is complete, Close the service door and use the M12 bolt to fasten the Trunnion Mount to the luminaire. Do not fasten completely.



7. Adjust the Tilt Angle on the luminaire, once the Tilt Angle is as desired, finish tightening the Socket Head bolt to firmly tighten the F2SB with the Trunnion Mount.



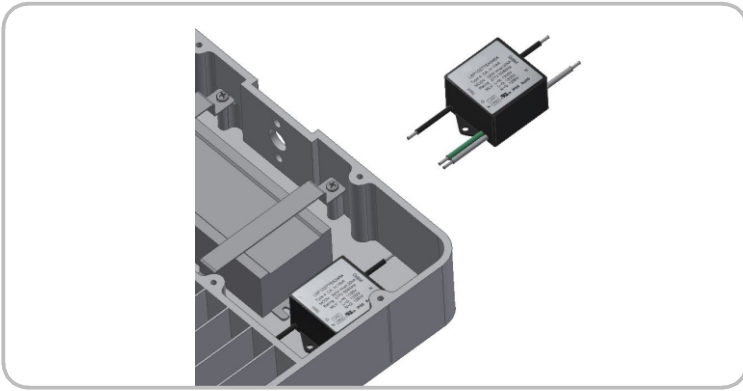
Using a J-Box (not included), Connect the ACL and the ACN from the driver to the conduit with the AC Power Supply cords. Follow the Wiring Diagram provided.



\* LED DRIVER Input Ground (green) wire only available for selected fixtures.

If the Ground Wire is missing and the Power Supply includes a ground wire, connect the power supply ground wire to the fixture.

# USSLxxxWPL Series LED Area Light Installation Sheet



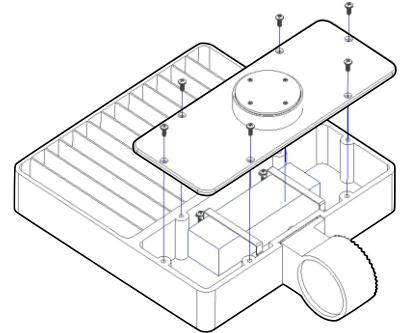
## Lightning Surge Protection

**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.  
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
 Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

### STANDARD INSTALLATION STEPS

PART NO.	IMAGE	DESCRIPTION	QTY
AC2SBSU (Surge Protector for Low Voltage)		Surge Protector. VMAX AC: 277v, maximum Lighting Surge Current: 20,000A	1*
AC2SBSU480 (Surge Protector for High Voltage)		Surge Protector. VMAX AC: 480v, maximum Lighting Surge Current: 20,000A  (This installation guide is for either the AC2SBSU or the AC2SBSU480. Not both)	1*

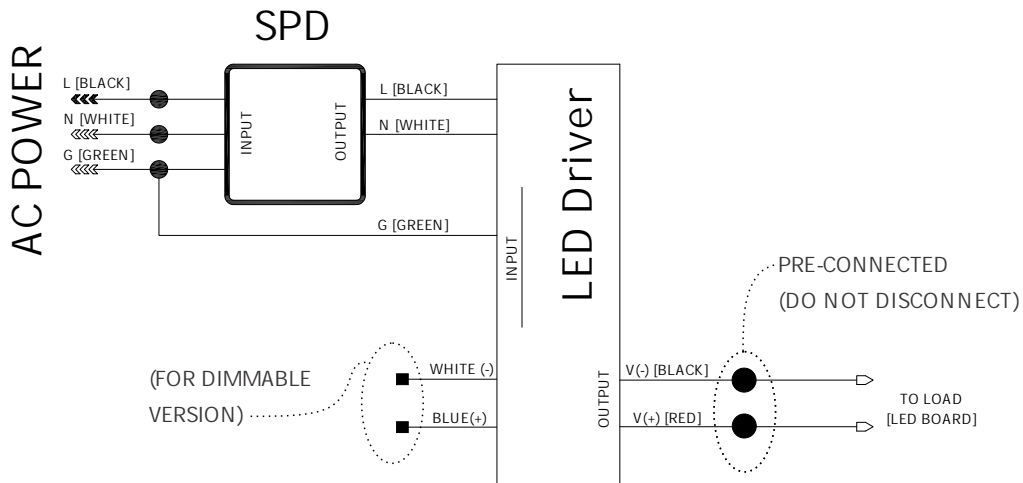
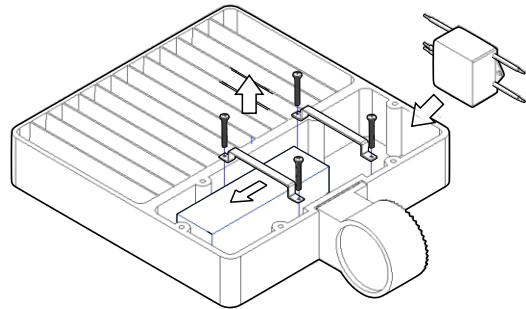
1. Using a Phillips Screw Driver, remove the [6] Pan head machine screws that hold the service door in place and remove the door to access the LED Driver of the fixture.



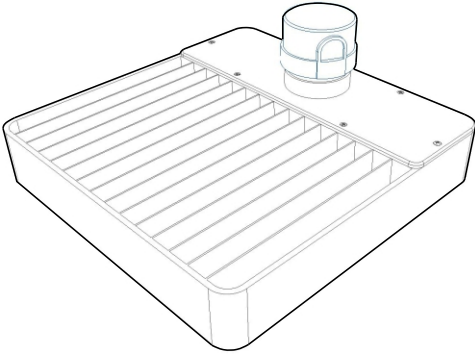
2. Remove the [4] screws that hold the LED driver in place in order to be able to move the driver a little to the side to make room for the surge protector.

3. Follow the Wiring Diagram provided to install the Surge Protector. This must be performed by a qualified electrician.

4. Once the Surge Protector has been properly wired as indicated, fasten the [4] machine screws back into place to hold the LED driver in place, leave the Surge protector inside the back housing of the luminaire and fasten the Service Door back to secure everything into place.



# USSLxxxWPL Series LED Area Light Installation Sheet



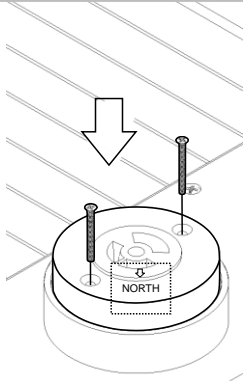
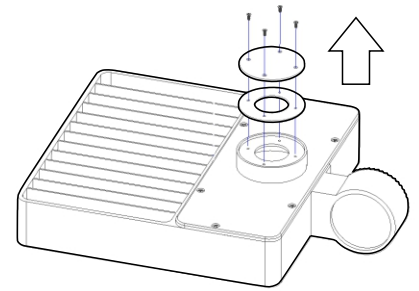
## Photocell

**CAUTION:** PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.  
**WARNING:** Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.  
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.  
 Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

### STANDARD INSTALLATION STEPS

PART NO.	IMAGE	DESCRIPTION	QTY
AC2SBPS-A (Base)		This base is the part that gets wired to the fixture using the wiring diagram.	1
AC2SBPS-B (Cell for LV) AC2SBPS480-B (Cell for HV)		Once the base is wired and fastened onto the luminaire, this part is inserted and twist-locked into place.  (This installation is for one of the two photocells noted)	1*
10-00066		Flathead Machine Screw are used to fasten the AC2SBPS-BASE on top of the luminaire.	2

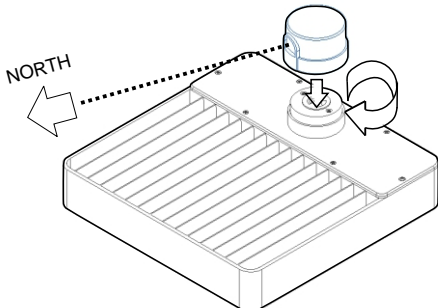
1. Using a Phillips Screw Driver, remove the 4 Flathead machine screws that hold the cap in place and remove the cap and the gasket.



2. A qualified electrician is required to perform the electrical wiring in compliance with the National Electrical Code (NEC) and other local codes which may be required. Use the Wiring Diagram on the right-hand side in order to see how the cables must be connected. This will require the electrician to remove the screws holding the service door to reach in and get all the cables from the LED Driver.

3. Once all the wiring is complete, fasten the AC2SBPS base onto the service door using the [2] Flathead machine screws provided. Make sure to orient the marked arrow on the base to make it face NORTH. This is critical in order for the photocell to work properly.

4. Once the AC2SBPS base is installed, insert the AC2SBPS Photocell and twist-lock it into place. Once again, it is critical to make sure the opening of the cap is facing NORTH.



### WIRING DIAGRAM

