

LED AREA LIGHTS

SB150-3CCT+W | SB300-3CCT+W

WARNING

WARNING — THE INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.

- **DO NOT** use an electric generator to test this LED fixture
- Please abide by any related country, regional and local laws and regulations when installing this fixture
- To avoid any electrical shock or damage, please do not install on rainy days



APPLICATION NOTICE

- Please wear gloves to avoid injury before installing lamps
- During or after installation, if there are situations such as smoke, fire in the fixture, please turn off the power immediately
- This light can be used for outdoor installation.



CAUTION

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.

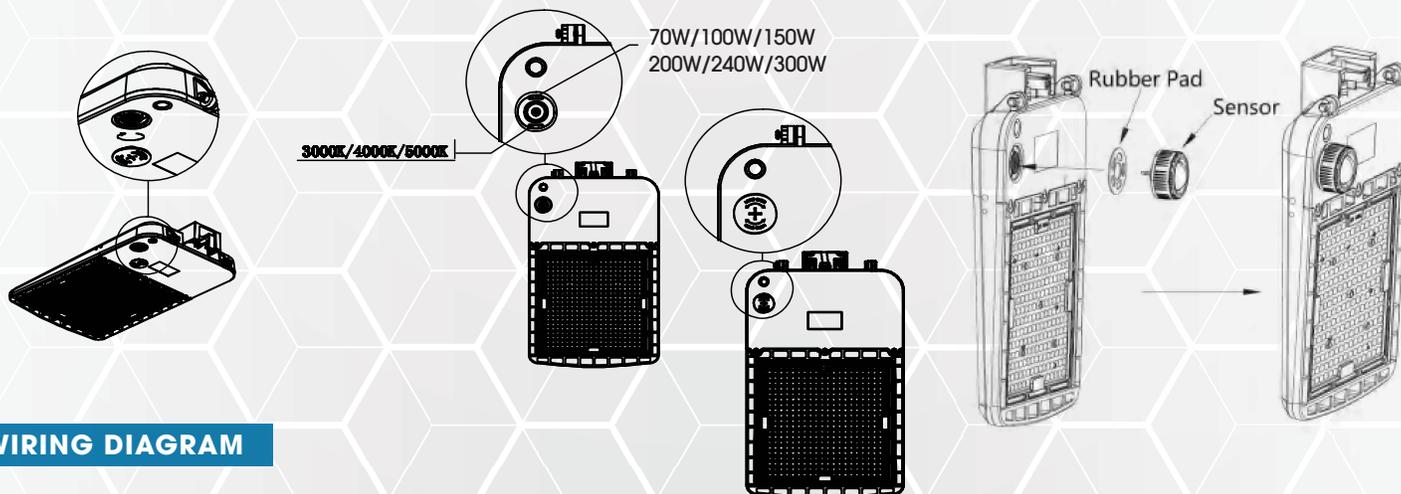
Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

CCT OR WATTS SELECTED OPERATION MANUAL

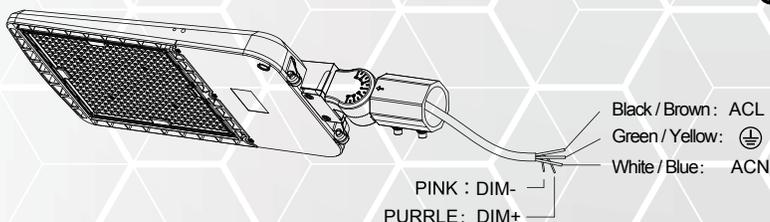
STEP 1: Take off the waterproof cover.

STEP 2: Select the Wattage or CCT by using the slide switch.

STEP 3: Put back the waterproof cover or screw the sensor and the rubber pad.



WIRING DIAGRAM

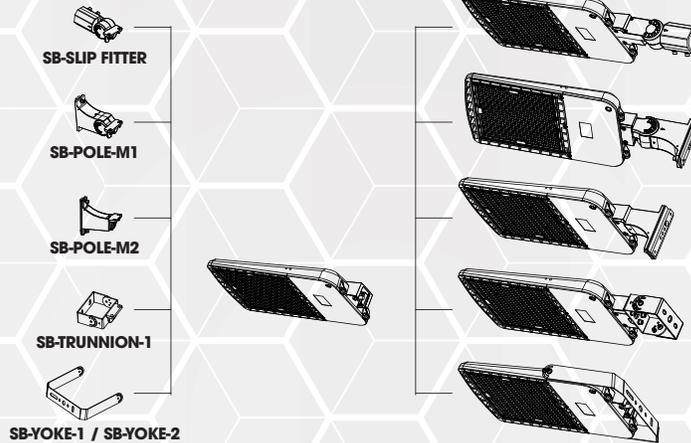


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OPTIONAL BRACKETS AND INSTALLATION INSTRUCTIONS

There are 5 optional brackets for this fixture.



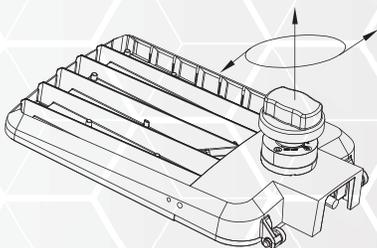
DUSK TO DAWN BEST PRACTICES

This light fixture includes a Dusk to Dawn photocell sensor which controls light operation based on ambient light levels. The sensor turns the light on in the absence of light and turns it off again when light is detected. Please note:

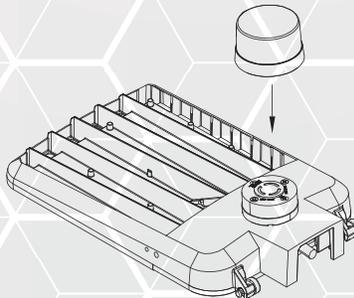
- The fixture must be powered on continuously for the photocell sensor to function properly
- Ensure the fixture is not obstructed by a tree or building so the sensor can properly detect available light levels
- Do not place the fixture near other light sources or reflective surfaces. If a bright light is detected in the area, the sensor will not turn the fixture on.

DUSK TO DAWN SENSOR INSTALLATION

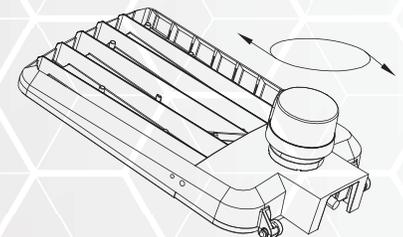
STEP 1: Remove the shorting cap.



STEP 2: Insert blue Dusk to Dawn sensor into (3) curved slots on lamp top.



STEP 3: Twist unit clockwise to lock into place.

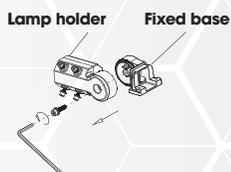


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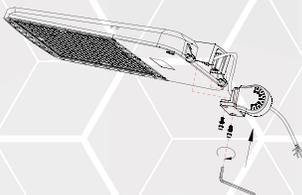
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TYPE A: SB-SLIP FITTER

STEP 1: Disassemble the SB-SLIP FITTER with a wrench.



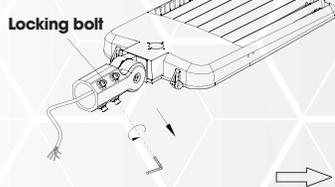
STEP 2: Pass the fixture's AC input wires through the fixing base, then tighten screws to assemble fixing base to fixture body.



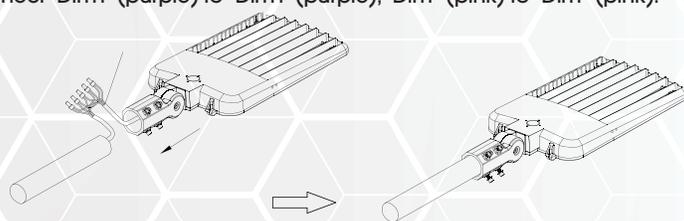
STEP 3: Pass the fixture's input wires through the lamp holder and lock it.



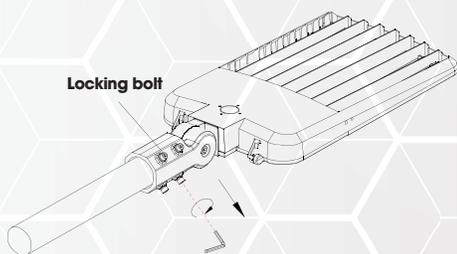
STEP 4: Loosen the 4 locking bolts in the SB-SLIP FITTER brakcet by a wrench.



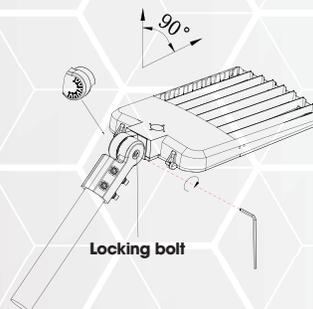
STEP 5: Connect the fixture's AC input wires to pole-wires with connectors, L to L (black), N to N (white), PE to PE (green); if need to connect dimming wires from the pole to fixture, please also use the connector to connect "Dim+" (purple) to "Dim+" (purple), "Dim-" (pink) to "Dim-" (pink).



STEP 6: Loosen the 4 locking bolts in the SB-SLIP FITTER brakcet by a wrench.

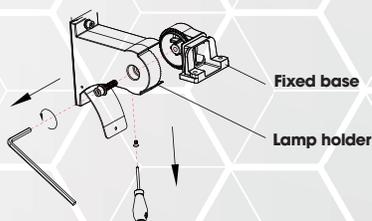


STEP 7: Loosen the locking bolt in the SB-SLIP FITTER by a wrench to adjust fixture to a appropriate angle, adjustable angle range 90 then this locking bolt.

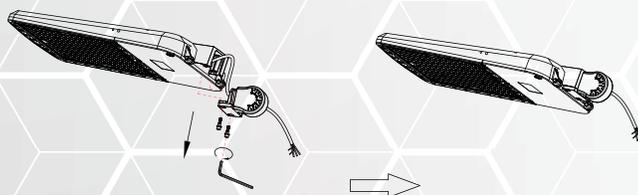


TYPE B: SB-POLE-M1

STEP 1: Disassemble the bracket with a wrench, open the cover on the lamp holder.



STEP 2: Pass the fixture's iAC nput wires through fixing base, tighten screws to assemble fixing base to fixture body.

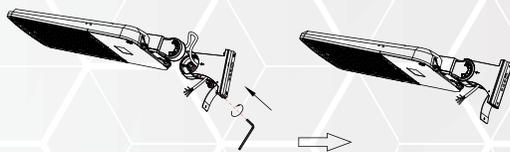


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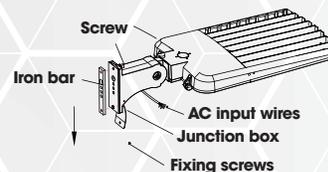
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TYPE B: SB-POLE-M1

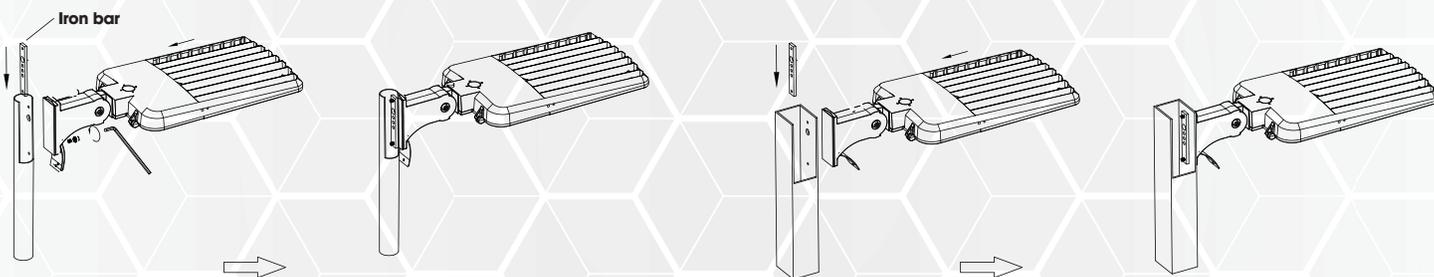
STEP 3: Pass the fixture's input wires through the lamp holder and lock it.



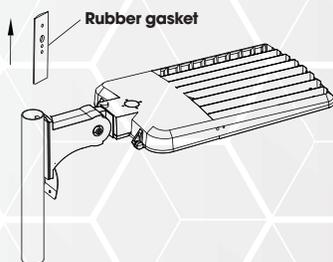
STEP 4: Remove the screws with screwdriver, well set the installed iron bar, remove the screws to open the junction box cover, then pass fixture's AC input wires through junction box as shown in step 3.



STEP 5: When install to square/round pole, align the holes of SB-POLE-M1 bracket and pole, pass the fixing screws throughout both holes, then put iron bar inside of pole to attach screws.

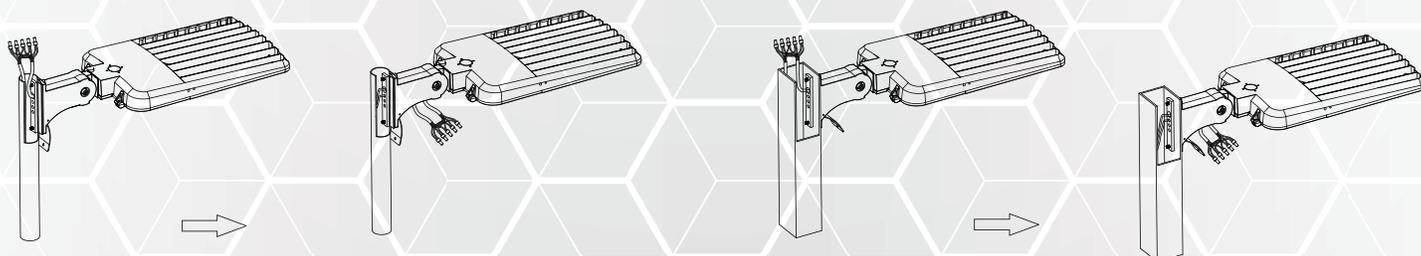


ATTENTION: When install round pole, please remove the rubber gasket.



STEP 6: Pass the fixture's AC input wires through pole, pull them out together the pole-wires for connection.

Pass the pole-wires into SB-POLE-M1 bracket, pull them out together with fixture's AC wire from junction box, connect the fixture's AC input wires to pole-wires with connectors, L to L (black), N to N (white), PE to PE (green); if need to connect dimming wires from the pole to fixture, please also use the connector to connect "Dim+" (purple) to "Dim+" (purple), "Dim-" (pink) to "Dim-" (pink).

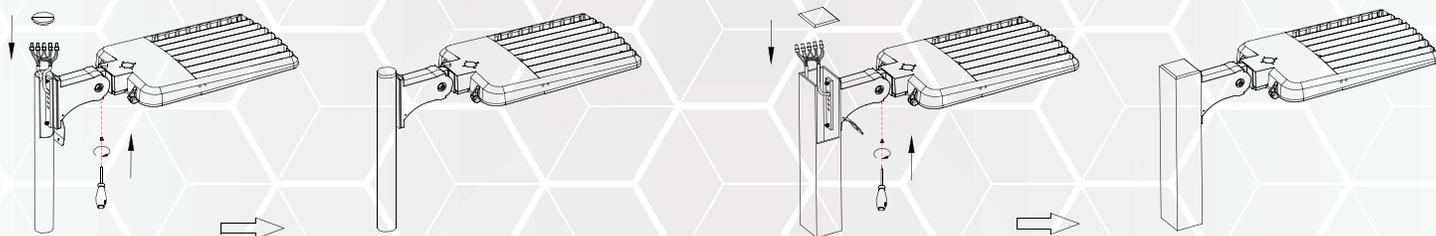


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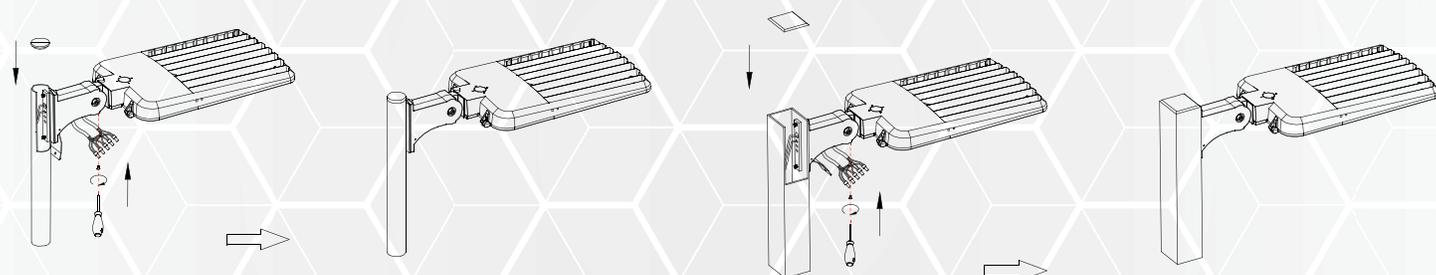
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TYPE B: SB-POLE-M1

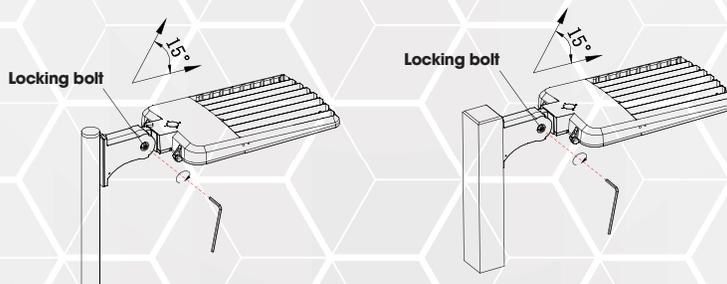
STEP 7: (i) Push the connected wires into the pole, close the pole's top cover, then close the junction box cover by tightening the screws.



STEP 7: (ii) Push the connected wires into bracket junction box, close the box cover by tightening the screws, then close the pole's top cover.

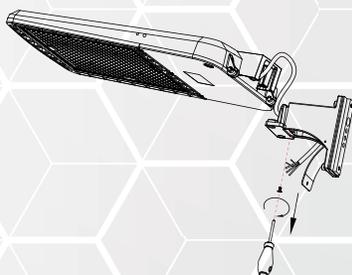


STEP 8: Loosen the locking bolt by a wrench to adjust the fixture to a appropriate angle, adjustment range 15°, then tighten this locking bolt.

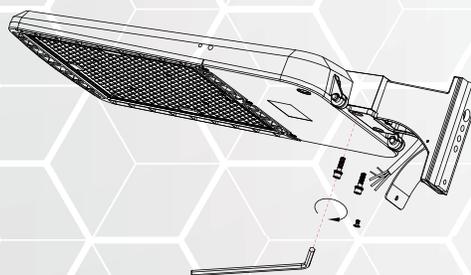


TYPE C: SB-POLE-M2

STEP 1: Loosen the screws from the SB-POLE-M2 bracket, open junction box cover, pass fixture's AC input wires through SB-POLE-M2 bracket.



STEP 2: Assemble SB-POLE-M2 bracket to fixture body by tightening screws with a wrench.

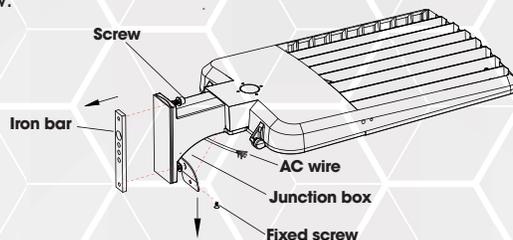


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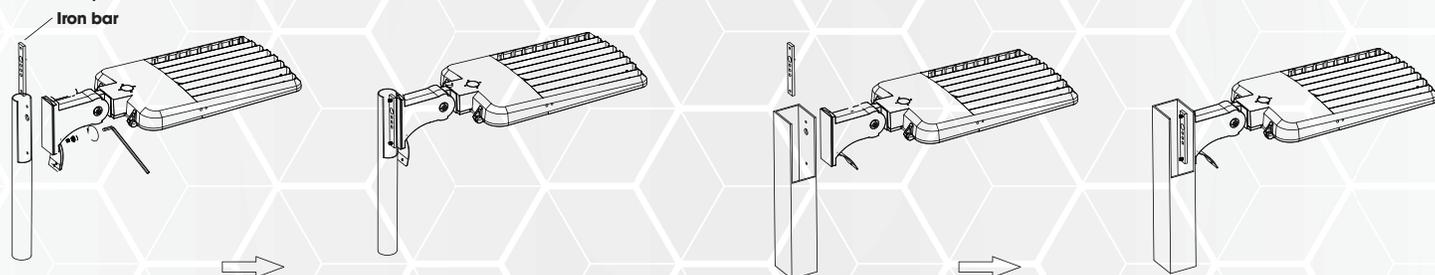
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TYPE C: SB-POLE-M2

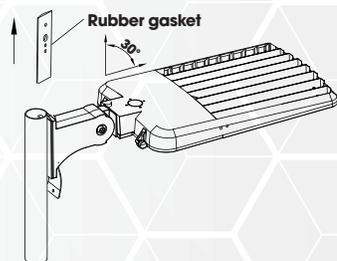
STEP 3: Remove the screws with screwdriver, well set the iron bar, remove the screws to open the junction box cover, then pass fixture's AC input wires through junction box as shown below:



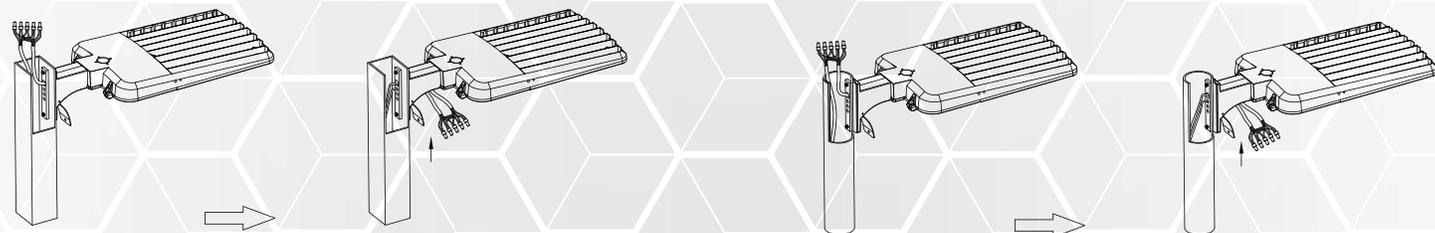
STEP 4: When install to square/round pole, align the holes of SB-POLE-M2 bracket and pole, pass the screws throughout both holes, then put iron bar into pole to attach to screws.



ATTENTION: When install to round pole, please remove the rubber gasket.



STEP 5: Pass the fixture's AC input wires through the pole, pull them out together through the pole for wire connection, Or pass the pole-wires into SB-POLE-M2 bracket, pull them out together with fixture's AC wire from junction box, connect the fixture's AC input wires to pole-wires with connectors, L to L (black), N to N (white), PE to PE (green).

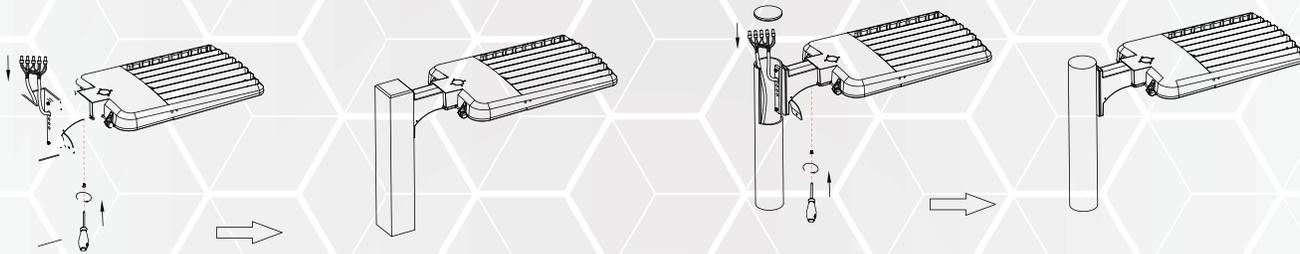


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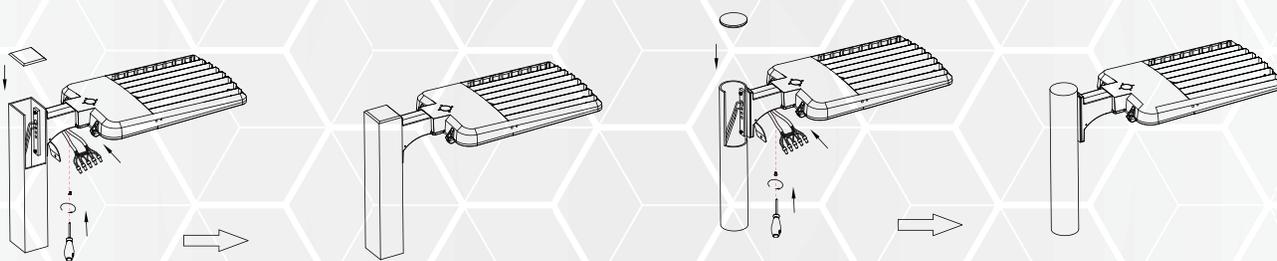
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TYPE C: SB-POLE-M2

STEP 6: (i) Push the connected wires into the pole, close the pole's top cover, then close the junction box cover by tightening the screws.

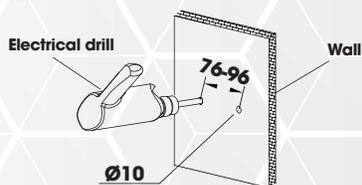


STEP 6: (ii) Push the connected wires into bracket junction box, close the box cover by tightening the fixing screws, then close the pole's top cover.

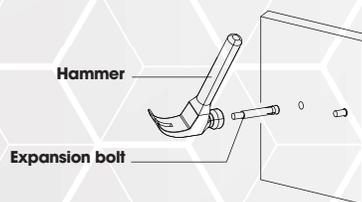


TYPE D: SB-TRUNNION-1

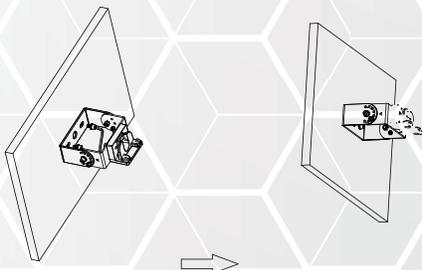
STEP 1: Mark the fixing holes locations on the wall with SB-TRUNNION-1 bracket, then drill the hole in 10mm diameter with an electric drill.



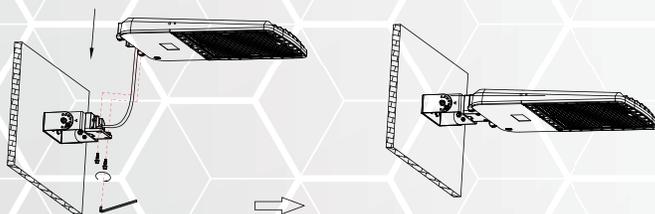
STEP 2: Knock the two expansion bolts into wall with a hammer.



STEP 3: Fix the SB-TRUNNION-1 bracket on the mounting-surface by tightening screws with a wrench.



STEP 4: Pass the fixture's AC input wires through the SB-TRUNNION-1 bracket, then hang the fixture into the SB-TRUNNION-1 bracket, tighten screws to lock it to SB-TRUNNION-1 bracket with a wrench.

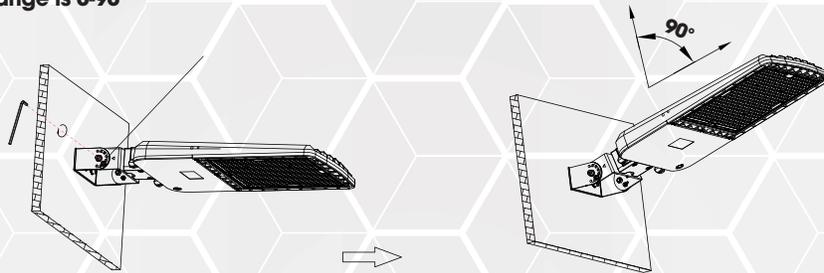


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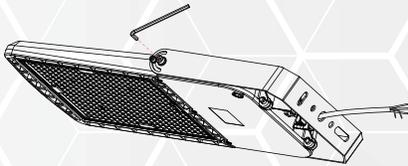
TYPE D: SB-TRUNNION-1

STEP 5: Loosen the angle adjustable screws on both sides of SB-TRUNNION-1 bracket, rotate fixture to an appropriate angle required and tighten the two screws, then connect the fixture's
Note: The adjustable angel range is 0-90°

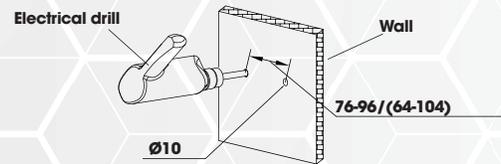


TYPE E: SB-YOKE-1 | SB-YOKE-2

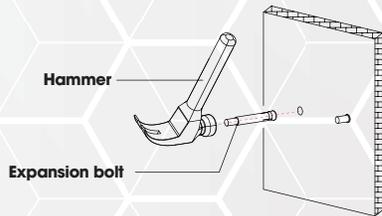
STEP 1: Loosen the screws on both sides of the bracket with a wrench, adjust SB-YOKE-1/SB-YOKE-2 bracket's angle to keep parallel with its installation surface.



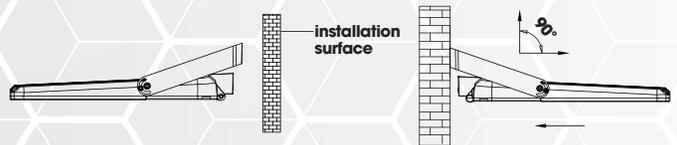
STEP 2: Mark the installing hole locations on the wall with SB-YOKE-1/SB-YOKE-2 bracket, then drill the holes in 10mm diameter with an electric drill.



STEP 3: Knock the one expansion bolt into each wall-hole with a hammer.



STEP 4: Put SB-YOKE-1/SB-YOKE-2 bracket to expansion screw for wall-installing by tightening the nut with a wrench, connect fixture's AC input wire to L N PE, then make waterproof processing to joints, put wires back into junction box.



NOTE: The adjustable angle range is 0-90°.

TYPE F: SB-ARRESTER

Installation Instructions:

- SB-ARRESTER should be installed near the AC side of LED power driver.
- Black-phase line(L); White-neutral line(N); Green-ground line(G).
- Fixed with pne M4 screw.

