



Our LED Street Light CCT Changeable is ideal for bringing a uniform lighting experience to large spaces. The Zolu Lighting Street Light includes a large selection of mounting options, wattages availability levels, and the temperature color is selectable from 2700K to 6500K. The fixture fits most requirements embraced in parking lots, downtown areas, neighborhoods, walkways, and building grounds.

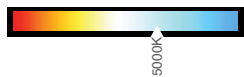
LED Street Light Wattage Selectable

Features and benefits

- ZOLU Lighting quality and reliability
- IP65 and IK08 protection
- Die-cast aluminium housing, UV estabilized polycarbonate lens
- Highly energy efficient - up to 140lm/W
- Operating ambient temperature -40°~+40°C
- >50,000Hrs lifespan

Applications

- Parking lots, streets and walkways
- Outdoor sport courts

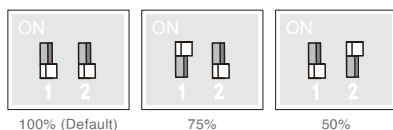


Technical specifications

Product code	Wattage*	Light output	Light Distribution	LED Qty.
ZL100CWSL05-SP-50-T3	100W	15000lm	Type III	240
ZL200CWSL05-SP-50-T3	200W	30000lm	Type III	324

*Wattage selectable: 100% stands for 100W
ZL100CWSL05-SP-50-T 75% stands for 75W
50% stands for 50W

*Wattage selectable: 100% stands for 200W
ZL200CWSL05-SP-50-T 75% stands for 150W
50% stands for 100W



Main voltage	100-277V 50/60Hz
Power factor	≥ 0.95
THD	<20%
Lens type	2835/3030
IP rating	IP65
Housing	Die-cast aluminum
CCT	5000K
CRI	Ra>70
Beam angle	Type III
Certificates	UL / DLC
Warranty	5 Year

• Motion sensor and dimmable driver 0-10V, sold separately under special request.



LED Street Light Wattage Selectable Installation

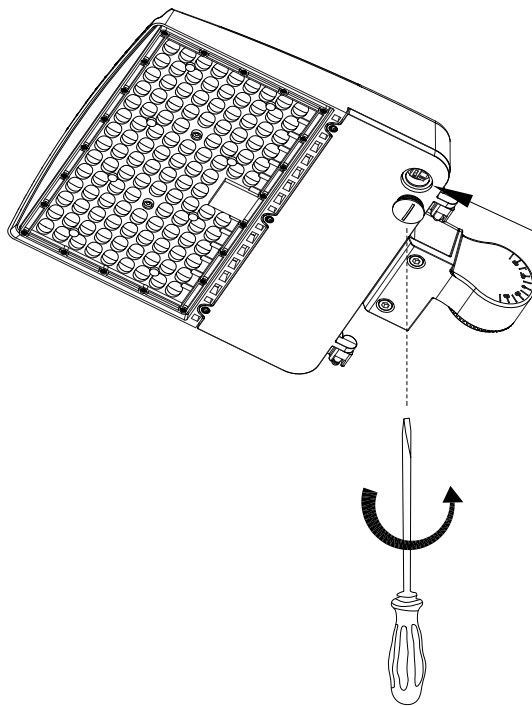
WARNING

1. Use a qualified electrician for installation of this lighting fixture.
2. Before installing the fixture disconnect power by shutting off the circuit breaker or by removing the fuse at the fuse box.
3. All electrical connections must be in accordance with local and National Electrical Code.
4. Switch ON only after complete installation and examination of the circuit.

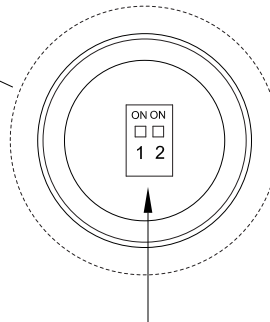


Turn OFF power supply before starting any installation. Read instructions and check you have all the tools and accessories to complete the installation correctly.

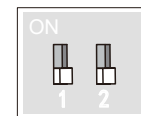
To select wattage



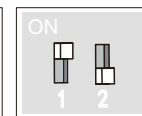
1. Loosen the M25 waterproof cap with a screw.
2. Turn the "selectable button" to get required power.
3. Retighten the M25 waterproof cap back on the lamp.



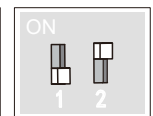
Power selectable switch



100% (Default)



75%

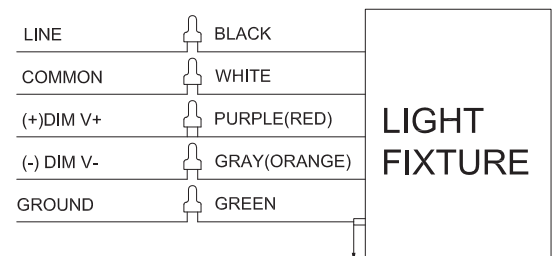


50%

Wiring Instruction

WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.

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.
Caution: DO NOT connect the GRAY (ORANGE) (-) DIM V- wire with GROUND.
5. Connect the PURPLE (RED) wire with the (V+) DIM.



• NOTE: To change the power (wattage), first, turn off the fixture before moving the switch. NOT doing this may cause damage to the controller and void the warranty.

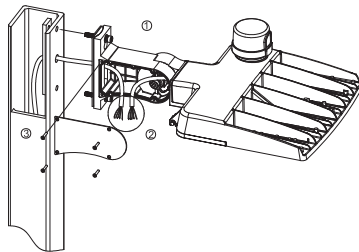
LED Street Light Wattage Selectable Installation

CAUTION

1. Review the diagrams before beginning, and make sure the fixture is grounded properly.
2. Turn the power off and wait for the fixture to cooling to operate.
3. This fixture has to be installed or maintenance 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.
4. Proper grounding is required to insure personal safety. Carefully observe the correct grounding procedure.
5. Check that voltage is compatible with fixture driver, use approved connectors for all electrical connections.

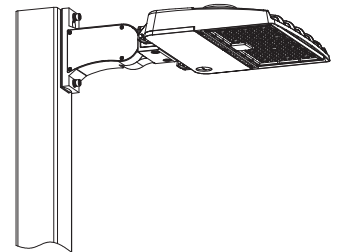
Direct mounting installation for square pole

Drill Two holes in the wall corresponding to the holes on the yoke, and knock expansion screws into the hole.



1

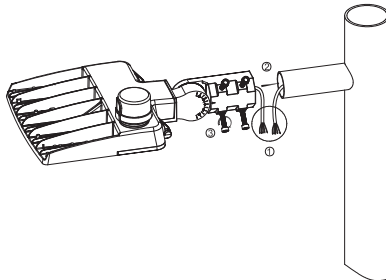
Use the nuts to fix the fixture to the wall aiming at the expansion screws, and adjust angle of the bracket and tighten the small screw on the side, then connect AC wire.



2

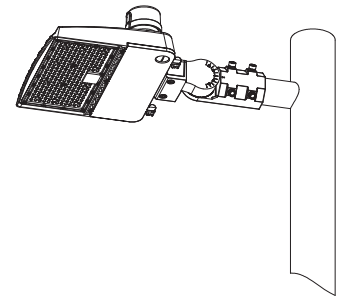
Slip Fitter mounting installation

Connect the AC wire, and then insert the arm of the slip fitter to the pole.



1

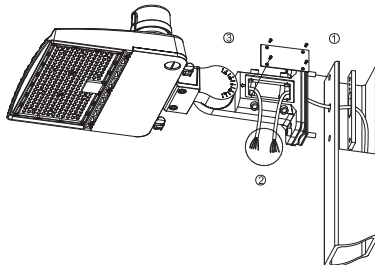
Tighten the screws on the side of the arm and then power on.



2

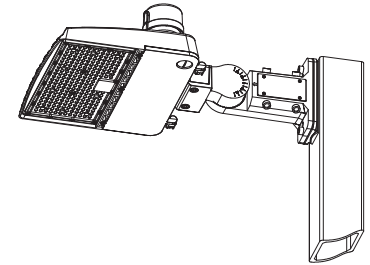
Square pole with SF function mounting installation

Drill holes in the square pole corresponding to the holes on the arm, and use the bolt and nut plate to fix the fixture to the pole tightly.



1

Connect the AC wire of the fixture and tighten the water-proof gasket and cover plate on the arm by screws, then power on.



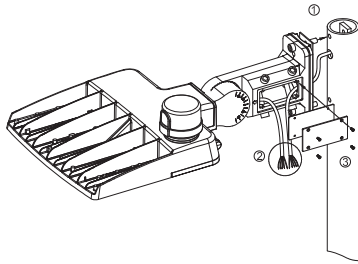
2

• NOTE: To change the power (wattage), first, turn off the fixture before moving the switch. NOT doing this may cause damage to the controller and void the warranty.

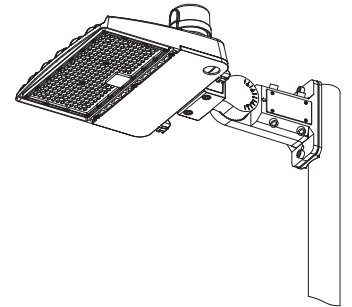
LED Street Light Wattage Selectable Installation

Round pole with SF function mounting installation

Drill holes in the round pole corresponding to the holes on the arm, and use the bolt and nut plate to fix the fixture to the pole tightly.

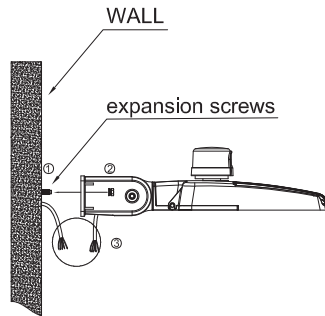


Connect the AC wire of the fixture and tighten the water-proof gasket and cover plate on the arm by screws, then power on.

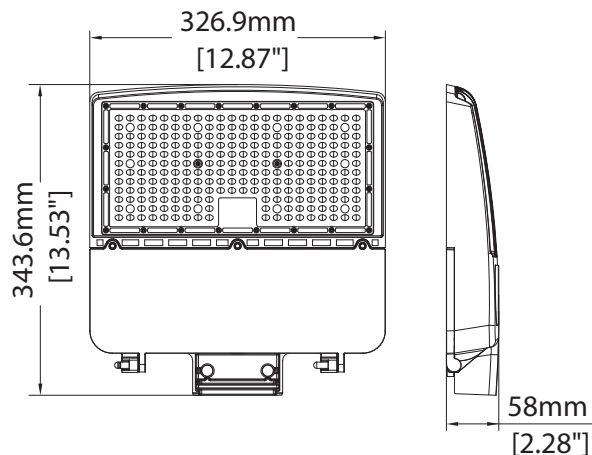
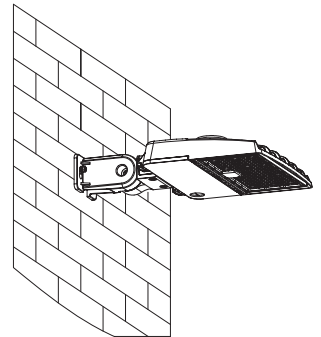


Round pole with SF function mounting installation

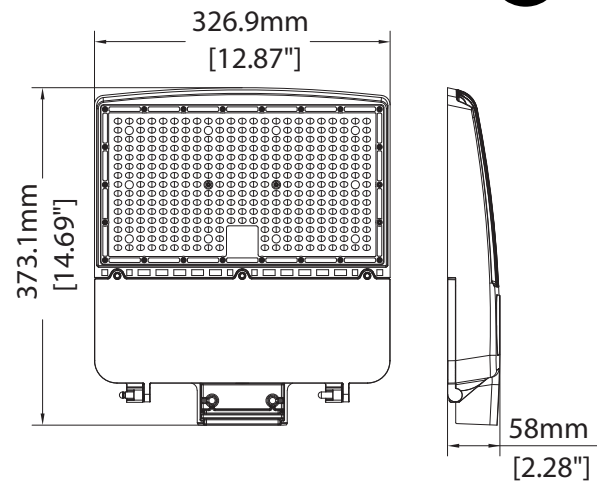
Drill two holes on the wall corresponding to the holes on the yoke mount, and knock expansion screws into the holes.



Use the nuts to fix the fixture to the wall aiming at the expansion screws, and adjust angle of the bracket and tighten the small screw on the side, then connect AC wire.



ZL100CWSL05-SP-50-T3



ZL200CWSL05-SP-50-T3



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