

JAL-CPS AREA LIGHT SERIES WITH UNIVERSAL MOUNT

INSTALLATION REQUIREMENTS



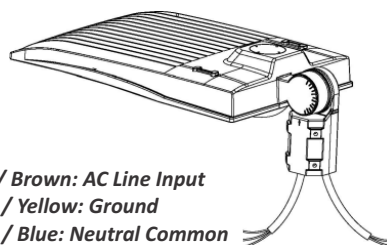
WARNING: Risk of electric shock and serious injury. SHUT OFF BREAKER AT PANEL BEFORE INSTALLING.

Caution:

1. Risk of fire or electric shock. Check for damage to luminaire, electrical, and structural parts before installation.
2. This luminaire is intended for installation by qualified electrician only.
3. Disconnect electrical power to circuit before installation or maintenance.

0.1 WIRING DIAGRAM

- Switch off or disconnect AC Circuit power to installation site or pole.
- Locate electrical wires and identify color coding per Wire Diagram.
- Inspect wires to ensure there are no cuts or abrasions

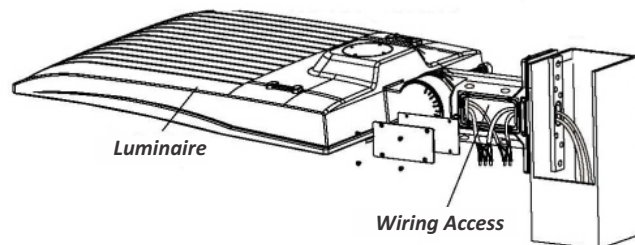


Black / Brown: AC Line Input
Green / Yellow: Ground
White / Blue: Neutral Common

Purple: 1-10VDC Dim Pos.
Grey: 1-10VDC Dim Neg.

0.2 WIRING DIAGRAM

- Mount luminaire to pole or wall (see Universal Mount Installation Instructions). Universal Mount provides for mounting onto 2-3/8in round slip fit tenon or direct to square pole / round pole / flat wall surface.
- Locate and remove side access cover and gasket on side of mounting bracket.
- All electrical connections are made using this access point.
- Ensure that electrical wire connectors are made securely and conform to prevailing standards and codes. See Wiring Diagram.
- Reinstall access cover with gasket reinstalled to ensure IP65 /UL wet location luminaire rating is maintained.

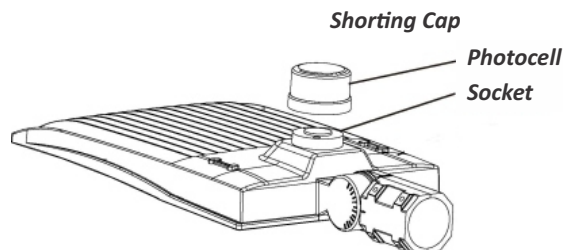


Luminaire

Wiring Access

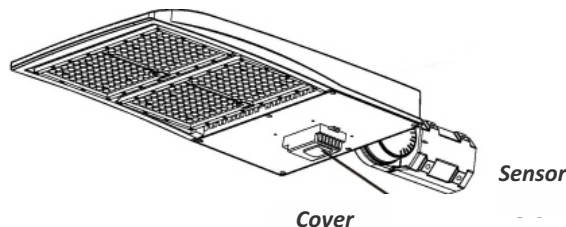
0.3 SENSOR LOCATION

- Install photo cell, shorting cap or other control devices to the NEMA socket provided.
- Note north orientation for photo cell sensor to ensure proper photo cell operation.
- If motion sensor option is being used, install sensor to socket provided. (see sensor installation detail below).
- Switch on or reconnect AC Circuit power to installation site or pole.



Shorting Cap

Photocell
Socket



Cover

Sensor



INSTALLATION INSTRUCTIONS

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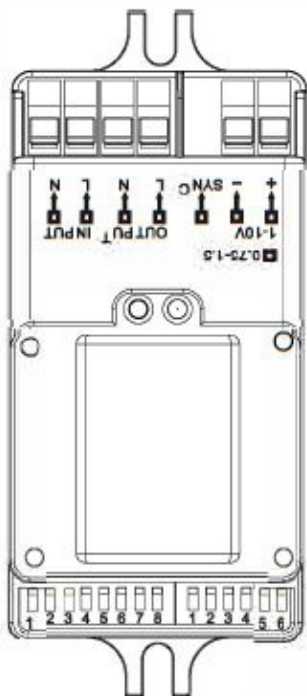
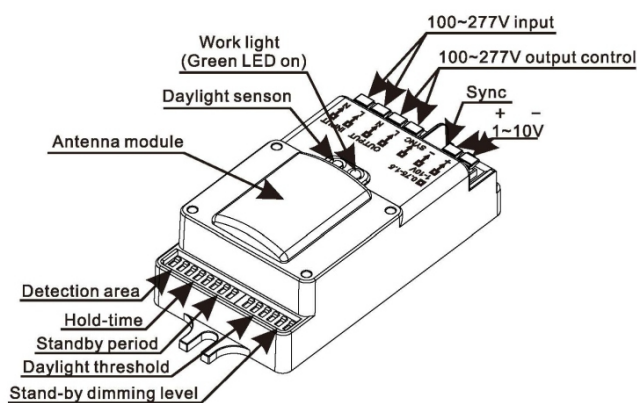
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0.1 MOTION SENSOR INSTALLATION & PROGRAMMING

- Remove motion sensor cover by removing mounting screws.
- Motion sensor is factory installed with line voltage and dimming wires installed. Do not remove or alter factory wiring.
- Set motion sensor active features using dip switch combinations labeled 1-8. (See dip switch diagrams below)
- Replace motion sensor cover to ensure IP65 / UL wet location luminaire rating is maintained. combinations labeled 1-8. (See dip switch diagrams below)
- Replace motion sensor cover to ensure IP65 / UL wet location luminaire rating is maintained. Electrical wire connectors are made securely and conform to prevailing standards and codes. See Wiring Diagram.
- Reinstall access cover with gasket reinstalled to ensure IP65 /UL wet location luminaire rating is maintained.



ON		1	2	
	I	ON	ON	100%
	II	ON	—	75%
	III	—	ON	50%
	IV	—	—	10%

		3	4	5	
I	ON	ON	ON	5s	
II	-	ON	ON	30s	
III	ON	-	ON	90s	
IV	-	-	ON	3min	
V	ON	ON	-	20min	
VI	-	-	-	30min	

		6	7	8	
ON ↑ 	I	ON	ON	ON	0s
	II	—	ON	ON	5s
	III	ON	—	ON	5min
	IV	—	—	ON	10min
	V	ON	ON	—	30min
	VI	—	ON	—	1h
	VII	—	—	—	+∞

		1	2	3	4	
ON  	I	ON	ON	ON	ON	2Lux
	II	—	ON	ON	ON	5Lux
	III	ON	—	ON	ON	10Lux
	IV	—	—	ON	ON	25Lux
	V	ON	ON	—	—	50Lux
	VI	—	ON	—	—	100Lux
	VII	—	—	—	—	Disable

ON ↑ 		5	6	
	I	ON	ON	50%
	II	ON	—	30%
	III	—	ON	20%
	IV	—	—	10%

Detection Area:

- Detection area can be controlled from 10% to 100% of detection standard pattern. (*Factory setting: 1*)

Hold Time:

- Refers to the time period the lamp remains at 100% illumination after no motion detected. (Factory setting: 1)

Stand-by Period:

- Refers to the time period the lamp remains at Stand-By Dimming low light level before it completely switches off in the absence of motion.
- The low light is maintained until motion is detected. (*Factory setting: 1*)

Daylight Sensor:

- Allows the luminaire to only illuminate below a defined ambient brightness threshold.
- When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux, 0lux: twilight operation, 10lux, 5lux: operation only. Note that daylight sensor is active only when lamp totally switches off. *(Factory setting: VII)*

Stand-By Dimming Level:

Sets the low light level desired for after the hold time in the absence of motion.
(Factory setting: 1)



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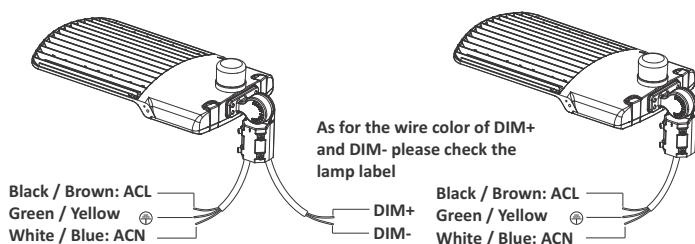
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AREA LIGHT CAN BE MOUNTED AT A 90° ANGLE FOR TILTING POSITIONS REFER TO DIAL ETCHING

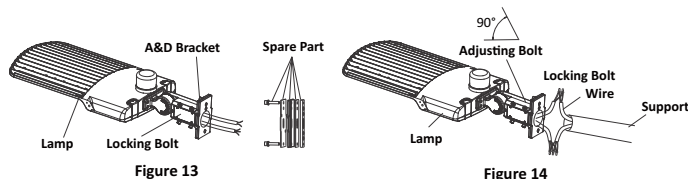
0.1 UNIVERSAL BRACKET INSTALLATION

Wiring Diagram:



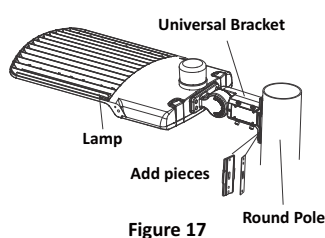
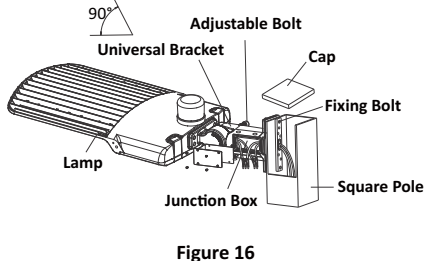
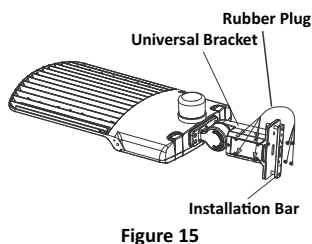
ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING ADJUSTABLE FITTER MOUNTING

- Step 1:** Remove the spare parts from universal bracket. (Figure 13)
- Step 2:** Loosen the four bolts on Universal Bracket, connect the wires correctly and pull the wires into the poles. (Figure 14)
- Step 3:** Place the bracket into the pole and lock the four bolts. (Figure 14)
- Notice:** Adjustable angle is 0-90° (Figure 14)



DIRECT MOUNTING

- Step 1:** Remove the four bolts from Universal Bracket, remove the four rubber plugs from installation bar, put the four rubber plugs on the place where the four bolts were previously placed on the bracket for waterproof purpose. (Figure 15)
- Step 2:** Fix Universal Bracket to square pole with bolt, open the cover of universal bracket junction box, pull the wire into bracket junction box, connect the wire properly and cover the junction box. (Figure 16)
- Notice:** Adjustable angle is 0-90° (Figure 16)
- Same as round pole installation, please remember to use the adapting plate for round pole installation. (Figure 17)



Optional Brackets and Installation Instructions

There are optional brackets for fixture. The following is the shoebox fixtures with different brackets

