



IMPORTANT SAFETY PRECAUTIONS

Before you begin, read these instructions completely and carefully.

- Be certain electrical power is OFF before and during installation, maintenance and removal.
- Luminaire wiring must be properly grounded in accordance with the NEC and any applicable local code requirements.
- Use only UL or IEC approved wire for input/output connections.
- Verify that supply voltage matches voltage on luminaire label. Installation to any other connection may void the warranty.
- Wear gloves during installation to prevent injury and do not expose wiring to metal or sharp edges.
- Do not install in areas subject to combustible vapors or gases. Verify luminaire location ratings are suitable for installation environment (refer to specification sheet as needed).
- Do not restrict luminaire's ventilation by covering with material that will cause luminaire to overheat and potentially shorten the life span.
- Ensure LED luminaire has the correct polarity before installation.



WARNING: To reduce the risk of personal injury or property damage from fire, electrical shock, falling parts, abrasions, burns and all other hazards, read all provided warnings and follow installation instructions.

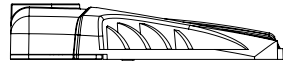
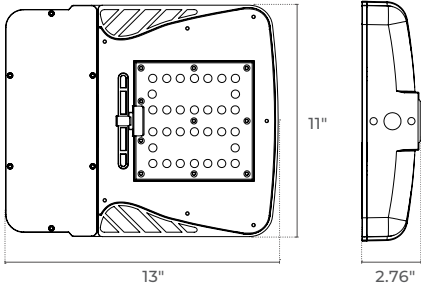
This product should be installed, inspected and maintained by a qualified and licensed electrician. Installation of luminaire must be in accordance with NEC and local code requirements.

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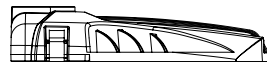
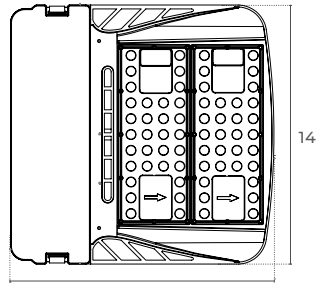
DIMENSIONS

25W - 100W



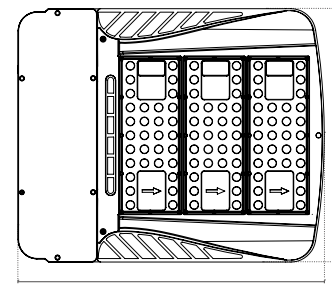
EPA: 0.25 ft²
WEIGHT: 10 lbs.
(max)

150W, 200W



EPA: 0.32 ft²
WEIGHT: 10 lbs.
(max)

240W, 300W



EPA: 0.43 ft²
WEIGHT: 17.6 lbs.
(max)

INSTALLATION INSTRUCTIONS (SQUARE POLE MOUNTING)

- A) Remove the arm cover from the arm.
- B) Feed supply wires from pole through bolster plate, gasket. Insert 5/16-18 bolts through gasket and thread through bolster plate.
- C) Feed supply wires into the arm. Hang the fixture on the bolts with arm. Adjust the fixture and insert the other bolt thread into the bolster plate with the nut. Ensure the gasket is secured between the arm and pole using bolts, washers, and lockwashers.
- D) Make necessary connections inside the arm and knot wires for strain relief.
- E) Replace the arm cover. Ensure the gasket on the arm cover is in place. Tighten screws to secure pole cap.
- F) If luminaire is furnished with photocell receptacle, install the photocell or shorting cap.

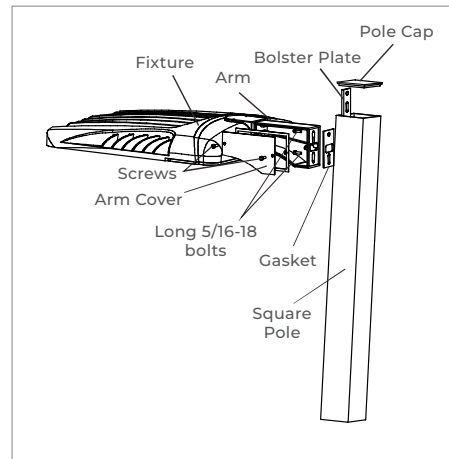


FIGURE 1

INSTALLATION INSTRUCTIONS (ROUND POLE MOUNTING)

- A) Remove the arm cover from the arm.
- B) Place round pole adapter and RPA gasket between the fixture and drilled pole as shown.
- C) Feed supply wires from pole through bolster plate, gasket. Insert 5/16-18 bolts through gasket, round pole adapter, RPA gasket, and thread through bolster plate.
- D) Feed supply wires into the arm. Hang the fixture on the bolts with arm. Adjust the fixture and insert the other bolt thread into the bolster plate with the nut. Ensure the gasket is secured between the arm and pole using bolts, washers, and lockwashers.
- E) Make necessary connections inside the arm and knot wires for strain relief.
- F) Replace the arm cover. Ensure the gasket on the arm cover is in place. Tighten screws to secure pole cap.
- G) If luminaire is furnished with photocell receptacle, install the photocell or shorting cap.

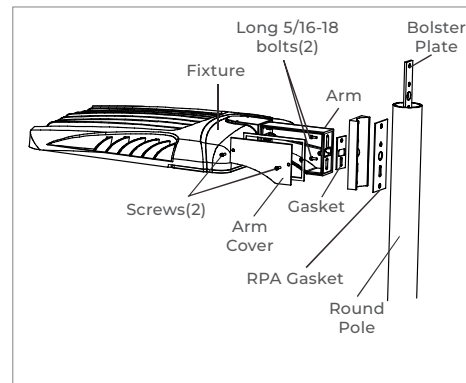


FIGURE 2

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INSTALLATION INSTRUCTIONS (SLIPFITTER MOUNTING)

- A)** The slipfitter fits a 2-3/8" O.D. tenon. Feed wires from fixture through slipfitter and supply wires from pole. Make the necessary connections in the slipfitter and knot wires for strain relief.
- B)** Place the slipfitter over the tenon and secure the fixture with set screws (4) on the side of the slipfitter.
- C)** To adjust the angle of the slipfitter, remove screws (2) and remove the slipfitter cover plate. Loosen the locking bolt and swivel fixture to desired angle. The gradation on the slipfitter cover plate can be used as a guideline for adjusting the angle. Note: angle should not exceed 45 degrees.
- D)** Tighten the locking bolt. Replace slipfitter cover plate. Tighten screws.
- E)** If luminaire is furnished with photocell receptacle, install the photocell or shorting cap.

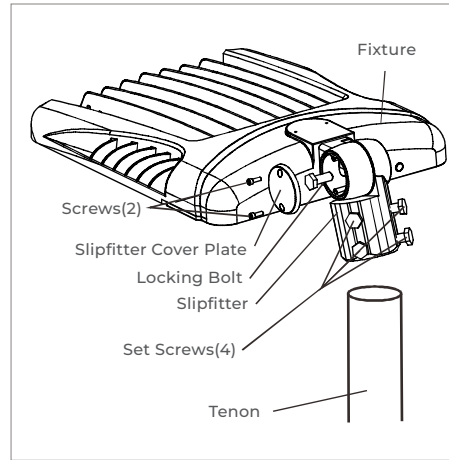


FIGURE 3

INSTALLATION INSTRUCTIONS (TRUNNION MOUNTING)

- A)** To adjust the angle of the fixture using the trunnion
 1. Loosen the pivot bolts and angle locking screw.
 2. Adjust fixture to desired angle. Inclination angle should not exceed 45 degrees.
 3. Tighten pivot bolts and angle locking screw. Remove the arm cover from the arm.
- B)** Insert 5/16-18 blts (2) through trunnion, gasket, pole, and thread into the nuts. Be sure the gasket is between the trunnion and pole and secure with bolts, washers, and lockwashers.
- C)** Feed wires from fixture through bushings into pole. Make necessary connections inside the pole and knot wires from strain relief and replace secure pole cap.
- D)** If luminaire is furnished with photocell receptacle, install the photocell or shorting cap.

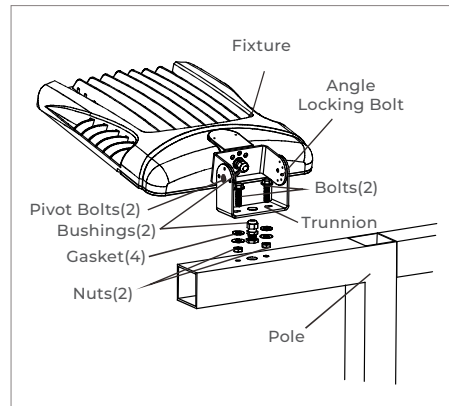
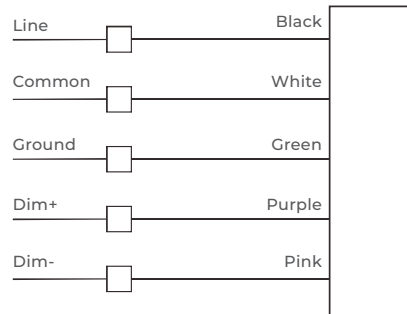


FIGURE 4

ELECTRICAL CONNECTION

Universal voltage driver permits operation at 120VAC thru 277VAC or 347VAC thru 480VAC, 50 or 60Hz. 0-10V control wires must be rated for 300V minimum. For 0-10V follow the wiring directions as shown in figure below.



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PHOTOCELL/MOTION SENSOR OPERATION

CONTROL

Sensor offers 3 levels of light: 100%, dimmed, and off.

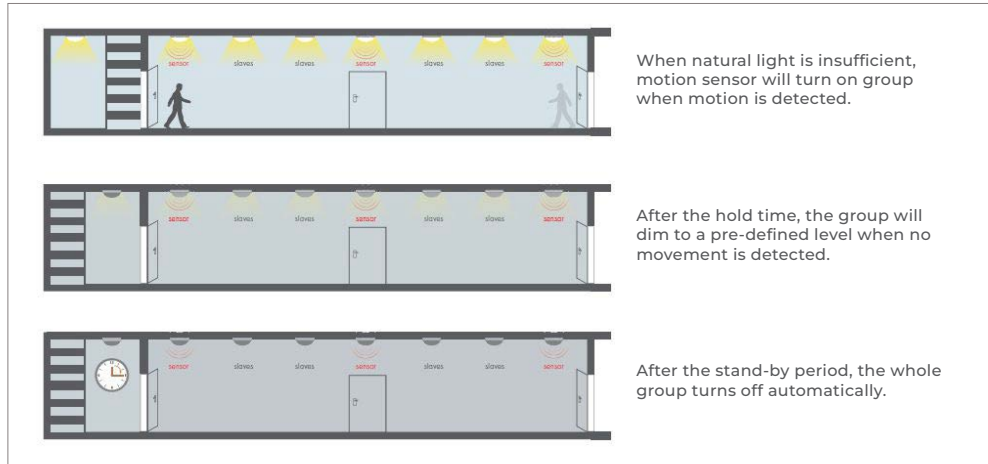


FIGURE 5

SETTINGS

A) Sensitivity

Controls the sensitivity of the sensor. 100% is maximum sensitivity. Sensitivity can be reduced by selecting the below combination on the DIP switch.

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%



- I – 100%
- II – 75%
- III – 50%
- IV – 10%

B) Hold Time

Sets the amount of time that the luminaire remains at 100% full brightness after motion is no longer detected.

	1	2	3	
I	●	●	●	5s
II	●	●	○	30s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	20min
VII	○	○	●	30min



- I – 5S
- II – 30S
- III – 1min
- IV – 5min
- V – 10min
- VI – 20min
- VII – 30min

C) Daylight Sensor

Controls the daylight sensor and ambient brightness threshold. If ambient brightness is lower than set threshold, the motion sensor is enabled and will turn the luminaire on when motion is detected. If ambient brightness exceeds the set threshold, the motion sensor is disabled and the luminaire will not turn on when motion is detected. If daylight sensor is disabled, then the sensor will control the luminaire output according to motion that is sensed in the detection area.

The daylight threshold can be set via the DIP switch, see below as an example.

	1	2	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux



- I–Disable
- II–50Lux
- III–10Lux
- IV–2Lux

D) Stand-By Time

Sets the low level or bi-level output of the luminaire when motion is no longer present in the detection area. 50% is default for OSBL specifications.

NOTE:

- 0 indicates on/off control
- +∞ indicates 2 steps of dimming control with the fixture never switching off

	1	2	3	
I	●	●	●	0s
II	●	●	○	10s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	30min
VII	○	○	●	1h
VIII	○	○	○	+∞



- I – 0s
- II – 10s
- III – 1min
- IV – 5min
- V – 10min
- VI – 30min
- VII – 1h
- VIII – +∞

E) Stand-By Light Level

Sets the amount of time that the luminaire remains at Stand-By Light Level before it's switched off. Infinite means the luminaire doesn't turn off and will always remain at the Stand-By Light Level if no motion is sensed in the detection area.

	1	2	
I	●	●	10%
II	●	○	20%
III	○	●	30%
IV	○	○	50%



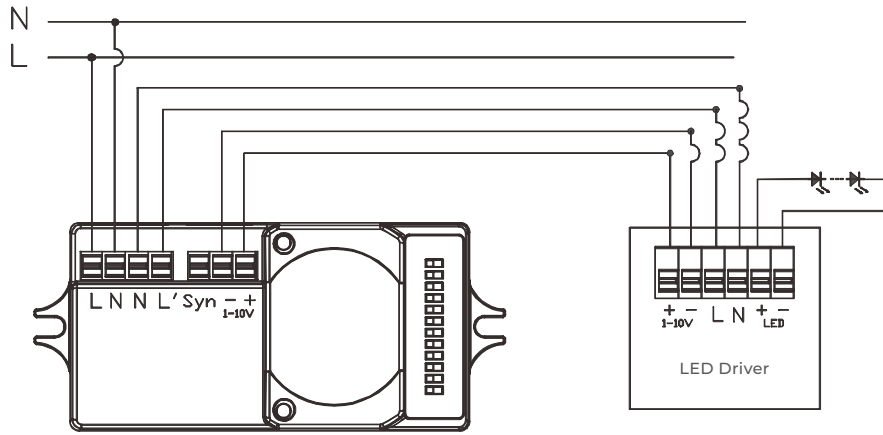
- I – 10%
- II – 20%
- III – 30%
- IV – 50%

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PHOTOCELL/MOTION SENSOR OPERATION (CONTINUED)

WIRING DIAGRAM



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