

INSTRUCTIONS

A17™ AREA LIGHT INSTALLATION



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com



A17 Universal Pole



A17 Slipfitter

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

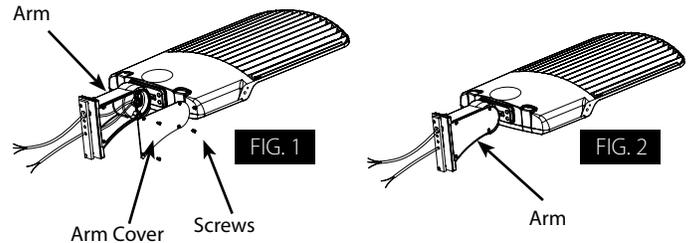
WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

WARNING: Do not use an electric generator to test LED fixtures.

WARNING: Min 75°C SUPPLY CONDUCTORS.

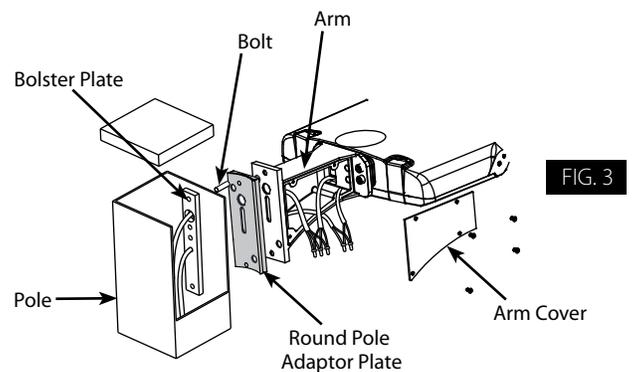
MOUNTING THE UNIVERSAL ARM ON THE FIXTURE

1. Remove the **Arm Cover** from the **Arm** by loosening **Arm Cover Screws** as shown in **Fig. 1**.
2. Feed wires from fixture into **Arm**.
3. Line up **Arm** and fixture. Tighten screws inside the **Arm** and tighten securely to housing.
4. Replace the **Arm Cover** and secure with **Screws** as shown in **Fig. 2**.



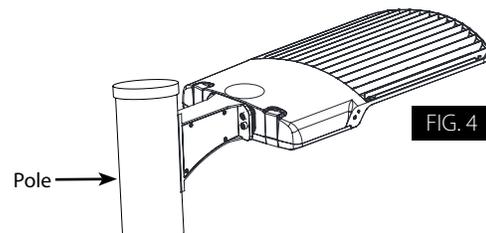
Square Pole Mount

1. Place the **Bolster Plate** inside the **Pole** as shown in **Fig. 3**.
2. Remove the **Round Pole Adaptor Plate**.
3. Fix **Arm** to **Square Pole** with **Bolt**.
4. Open the **Arm Cover** and pull the wires into the junction box.
5. Feed supply wires from the **Pole** to connect to the **Arm**. Make appropriate wire connections per NEC in an approved enclosure (**Fig. 7**).
6. Use bolts to tighten to the **Pole**.



Round Pole Mount

1. Place the **Bolster Plate** inside the **Pole** as shown in **Fig. 3**.
2. Fix **Arm** to **Round Pole** with **Bolt**.
3. Open the **Arm Cover** and pull the wires into the junction box.
4. Feed supply wires from the **Pole** to connect to the **Arm**. Make appropriate wire connections per NEC in an approved enclosure (**Fig. 7**).
5. Use bolts to tighten to the **Pole**.



INSTRUCTIONS

A17™ AREA LIGHT INSTALLATION

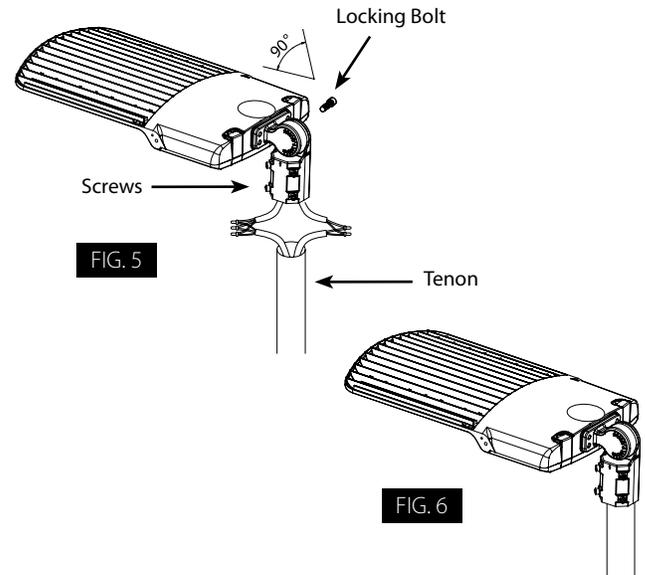


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SLIPFITTER MOUNT

NOTICE: Adjustable angle is 90°.

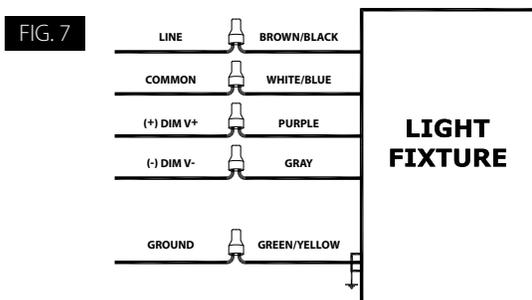
1. Place the **Slipfitter** over the **Tenon** and secure the **Fixture** with set **Screws** on the side of the **Slipfitter** as shown in **Fig. 5**.
2. Feed wires from **Fixture** through **Slipfitter** and supply wires from pole. Make the necessary connections in the **Slipfitter** and knot wires for strain relief.
3. To adjust the angle of the **Slipfitter**, loosen the **Locking Bolt** and swivel **Fixture** to desired angle. The graduation of the **Slipfitter** cover plate can be used as guidelines to adjust the angle.
4. Tighten the **Locking Bolt** (**Fig. 6**).



0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10 Dimming, follow the wiring directions as in **Fig. 7**.

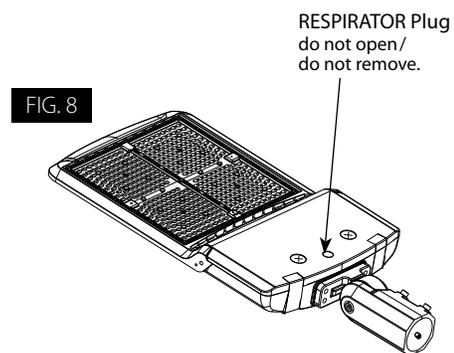
1. Connect the Black/Brown fixture lead to the LINE supply lead.
2. Connect the White/Blue fixture lead to the COMMON supply lead.
3. Connect the Green/Yellow wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the DIM V+ lead.
5. Connect the gray fixture lead to the DIM V- lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.



CLEANING & MAINTENANCE

CAUTION: Do not open or remove Respirator Plug as shown in **Fig. 8**. Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean Polycarbonate lens with non-abrasive glass cleaning solution.
- Do not open the fixture to clean the LED. Do not touch the LED.



Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

INSTRUCTIONS

A17™ XFU FIELD ADJUSTABLE AREA LIGHT INSTALLATION



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A17 XFU

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WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

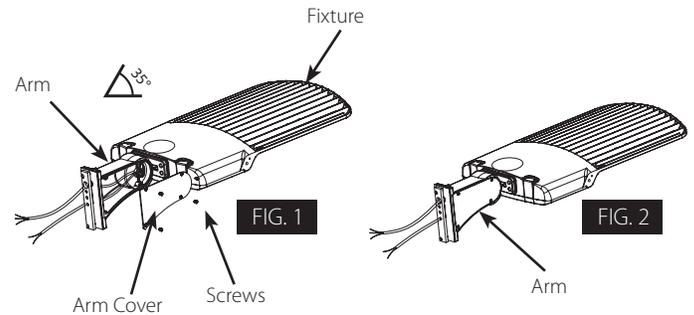
WARNING: Do not use an electric generator to test LED fixtures.

WARNING: Min 75 °C SUPPLY CONDUCTORS.

MOUNTING THE UNIVERSAL ADJUSTABLE POLE ARM ON THE FIXTURE

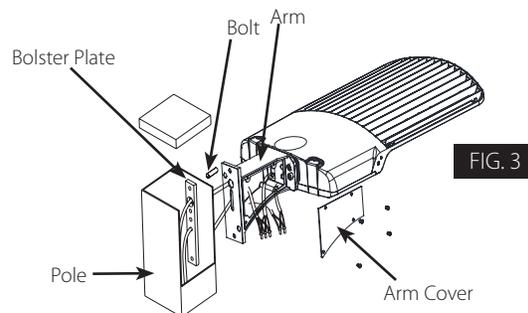
Notice: Adjustable angle is 0-35°

1. Remove the **Arm mounting Screws** on the **Fixture**. Open the **Arm Cover** and run the wires through the **Arm** as shown in **Fig. 1**.
2. Install the **Arm** on the **Fixture**, replace the **Arm Cover** and secure with **Screws** as shown in **Fig. 2**.



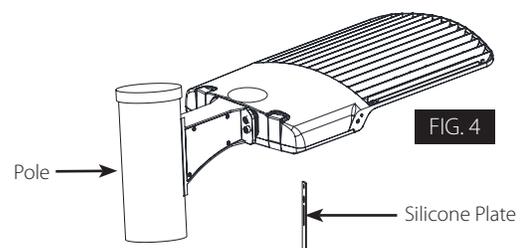
Square Pole Mount

1. Place the **Bolster Plate** inside the **Pole** as shown in **Fig. 3**.
2. Fix **Arm** to **Square Pole** with **Bolt**.
3. Open the **Arm Cover** and pull the wires into the junction box (*supplied by others*).
4. Feed supply wires from the **Pole** to connect to the **Arm**. Make appropriate wire connections per NEC in an approved enclosure (**Fig. 8**).
5. Use bolts to tighten to the **Pole**.



Round Pole Mount

1. Place the **Bolster Plate** inside the **Pole** as shown in **Fig. 3**.
2. Fix **Arm** to **Round Pole** with **Bolt** (**Fig. 4**).
3. Remove **Silicone Plate** (**Fig. 4**).
4. Open the **Arm Cover** and pull the wires into the junction box (*supplied by others*).
5. Feed supply wires from the **Pole** to connect to the **Arm**. Make appropriate wire connections per NEC in an approved enclosure (**Fig. 8**).
6. Use bolts to tighten to the **Pole**.



INSTRUCTIONS

A17™ XFU FIELD ADJUSTABLE AREA LIGHT INSTALLATION



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FIELD ADJUSTMENT

Follow instructions below to change Fixture Color Temperature (CCT) or Power (W) from the factory settings. **WARNING: Do not open or remove Respirator Plug (Fig 5.)**

Factory Settings: 4000K (CCT), 70W (Power)

Color Temperature (CCT) Adjustment:

1. Unscrew the CCT Selection Switch Cap as shown in Fig. 5.
2. Adjust the CCT by sliding the respective switch to the desired value as shown in Fig. 6.
3. Install and tighten the 3/4" Caps.

Power (W) Adjustment:

1. Open the Driver Box Cover by Latch (2) and remove Screws (2) as shown in Fig. 5.
2. Locate Power (W) Adjusting Knob as shown in Fig. 7.
3. Select Power (W) setting by turning the respective switch to the desired value as shown in Fig. 7.
4. Close the Driver Cover Box and secure with Screws (2) and close Latches (2).

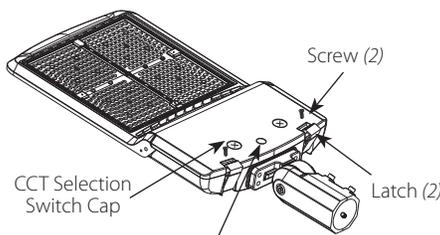


FIG. 5

Respirator Plug do not open/do not remove.

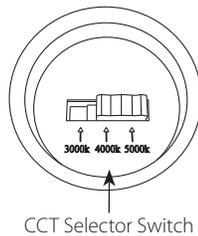


FIG. 6

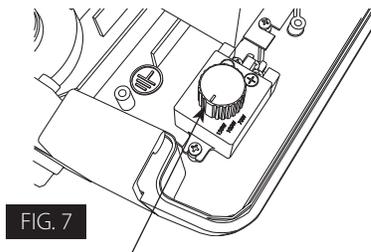


FIG. 7

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10 Dimming, follow the wiring directions as in Fig. 8.

1. Connect the Black/Brown fixture lead to the LINE supply lead.
2. Connect the White/Blue fixture lead to the COMMON supply lead.
3. Connect the Green/Yellow wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the DIM V+ lead.
5. Connect the gray fixture lead to the DIM V- lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

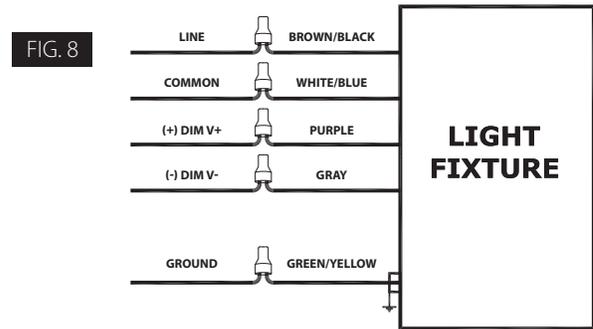


FIG. 8

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean Polycarbonate lens with non-abrasive glass cleaning solution.
2. Do not open the fixture to clean the LED. Do not touch the LED.

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RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty

INSTRUCTIONS

A17™ FA AREA LIGHT

WALL MOUNT KIT INSTALLATION



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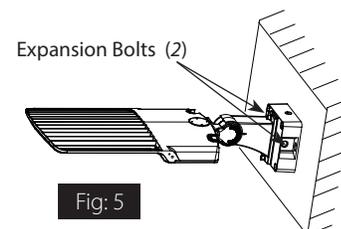
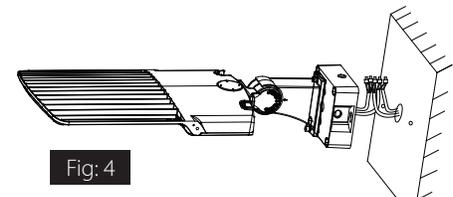
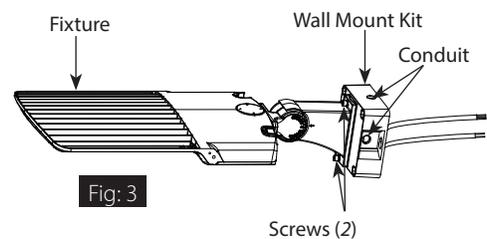
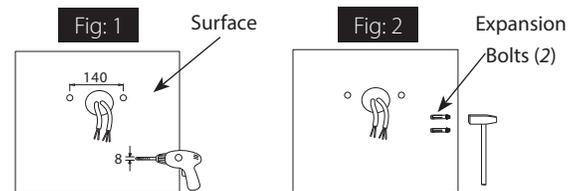
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WARNING: Make certain power is OFF before installing or maintaining fixture.

INSTALLATION

1. Drill holes on sturdy surface as shown in **Fig. 1**.
2. Knock **Expansion Bolts** (*provided*) into drilled holes as shown in **Fig. 2** and loosen nuts.
3. Feed supply wires through surface mounting (**Fig. 2**).
4. Secure **Wall Mount Kit** to **Fixture** with (2) **Screws** (*provided*) as shown in **Fig. 3**.
5. Wire the **Fixture** leads to supply wires using UL listed wire connectors according to NEC and local codes (**Fig. 4**). Push all wires into **Wall Mount Kit**.
6. Mount the **Fixture** and **Wall Mount Kit** on the **Expansion Bolts** and secure with nuts as shown in **Fig. 5**.
7. For **Conduit** entry, remove **Conduit** cap as shown in **Fig. 3**, feed supply wires through **Conduit** opening. Wire the **Fixture** leads to supply wires using UL listed wire connectors. Push all wires into the **Wall Mount Kit** and follow mounting instructions above.



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INSTRUCTIONS

A17 FA AREA LIGHT

SLIPFITTER MOUNT KIT INSTALLATION



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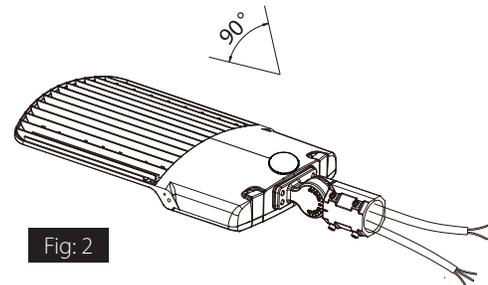
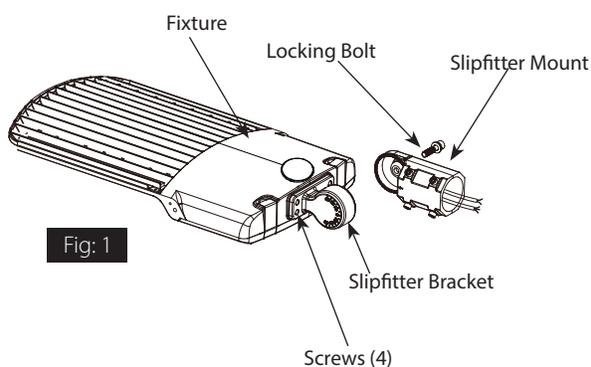
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WARNING: Make certain power is OFF before installing or maintaining fixture.

INSTALLATION

Notice: 90° of angle adjustment.

1. Feed **Fixture** wires through the **Slipfitter Bracket** and secure in place with (4) **Screws** (*provided*) as shown in **Fig. 1**.
2. Continue wire feed through the **Slipfitter Mount** and secure to the **Slipfitter Bracket** with **Locking Bolt** as shown in **Fig. 2**.
3. To adjust **Fixture** angle, loosen **Locking Bolt** and set **Fixture** to desired angle.
4. Tighten the **Locking Bolt** to set angle.



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ADJUSTABLE UNIVERSAL POLE MOUNT KIT INSTALLATION



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WARNING: Make certain power is OFF before installing or maintaining fixture.

INSTALLATION

Notice: Adjustable angle is 0-35°.

1. Remove the **Cover Plate** from the **Universal Arm** by loosening (4) **Screws** as shown in **Fig. 1**.
2. Remove **Bracket** from **Universal Arm** by loosening **Bolt** as shown in **Fig. 2**.
3. Feed **Fixture** wires through the **Bracket** then line up to the **Fixture**, secure with (4) **Screws** (*provided*) as shown in **Fig. 3**.
4. Mount the **Arm** to the **Bracket** and secure with **Bolt** as shown in **Fig. 4**.
5. Replace **Cover Plate** on **Arm** and secure with (4) **Screws** as shown in **Fig. 5**.

Fig: 1

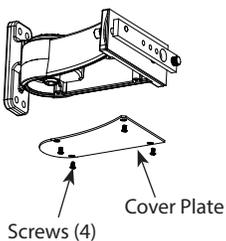


Fig: 2

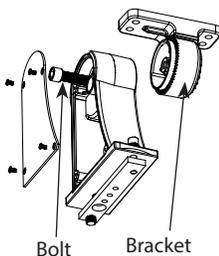


Fig: 3

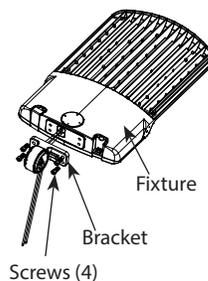


Fig: 4

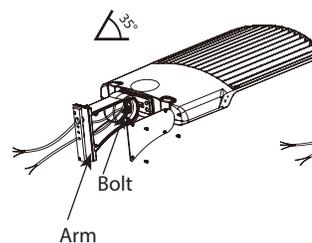
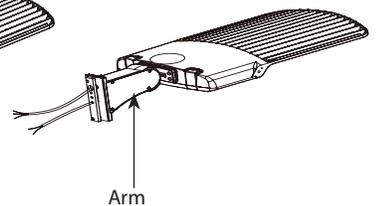


Fig: 5



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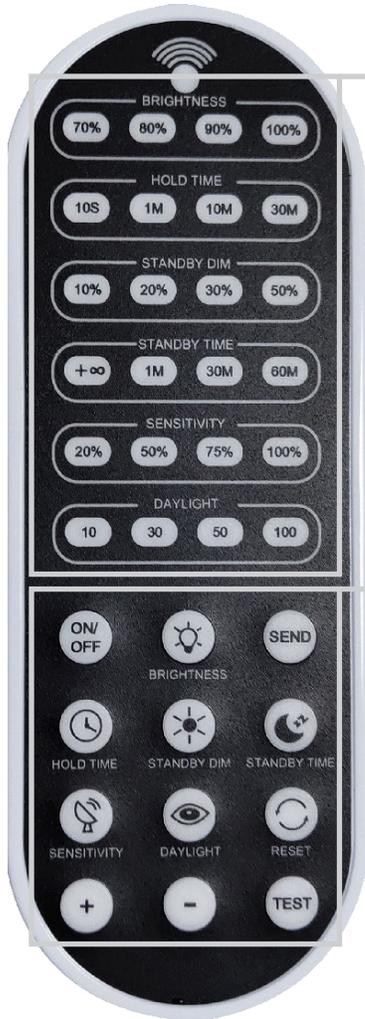
INSTRUCTIONS

A17™ FA MVS SENSOR REMOTE CONTROL



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REMOTE FOR MVS SENSOR



Remote Display Area

BRIGHTNESS (70%/80%/90%/100%)
HOLD TIME (10s/1min/10min/30min)
STANDBY DIM (10%/20%/30%/50%)

HOLD TIME (10s/1min/10min/30min)
SENSITIVITY (20%/50%/75%/100%)
STANDBY TIME (+ ∞/1min/30min/60min)

Button Setting Area

- ON/OFF (Long press the "ON/OFF" button until the brightness indicator light is on (First-row). Press to turn on or turn off the fixture.)
- BRIGHTNESS (Press to adjust dimming level 70%/80%/90%/100%. pre-set)
Note: MVS Sensor Brightness factory setting is 100%.
- SEND (Press to save settings after each change. The indicator light confirms the save setting.)
- HOLD TIME (Press to adjust hold time 10s/1min/10min/30min.)
Note: MVS Sensor factory setting hold time is 1 minute.
- DAYLIGHT (Long press the button until the daylight indicator light is on. Press to adjust daylight threshold 10lx/30lx/50lx/100lx.) *Note: MVS Sensor daylight threshold factory setting is disabled.*
- SENSITIVITY (Press to adjust sensitivity 20%/50%/75%/100%)
Note: MVS Sensor sensitivity factory setting is 50%.
- STANDBY DIM (Press to adjust stand-by dimming level 10%/20%/30%/50%)
Note: MVS Sensor standby dimming level factory setting is 20%
- STANDBY TIME (Press Standby Dim to adjust time + ∞ / 1min, 30min, 60min).
Note: With Daylight activated, choose:
 - Unlimited stand-by time (+ ∞): Default mode: light control, turn on/off: choices: 10/50 lux, 30/100 lux 100/200 lux; or
 - Light threshold mode choices: 10 lux, 30 lux, 100 lux (if light level is ≤ preset lux and motion is detected, light will turn on at present lux).*note: MVS Sensor standby dimming level factory setting is 1 minute.*
- RESET (Press "RESET" button, products with DIP switch will be controlled by DIP switches; Otherwise all the setting will change is Brightness 70%/ Hold time 10s/Sensitivity 20%/ Daylight threshold disable/ Stand-by dimmer level 10%/ Stand-by time + ∞ .
- TEST The button "TEST" is for testing purpose after debugging. Pressing this button, the sensor goes to test mode (hold time is only 3s).
- Press to increase the brightness (0%-100%).
- Press to reduce the brightness (100%-0%).

PROGRAMMING GUIDELINES

1. If you want to send a setting, it will only work if the remote control is on. If you do not press any button within 10 seconds, the indicator light will go out.
2. When using "ON/OFF" button, the rest of the buttons except the "ON/OFF", "BRIGHTNESS" and "SEND" buttons will be disabled.
3. When using "TEST" button, the rest of the buttons except the "TEST", "SENSITIVITY" and "SEND" button will be disabled.
4. Every change requires you to press the "SEND" button to save.
5. Because of the power supply DIMMING ratio difference, when using different power, "BRIGHTNESS" and "STANDBY DIM" adjust percentage of the power will have difference with the measured power.



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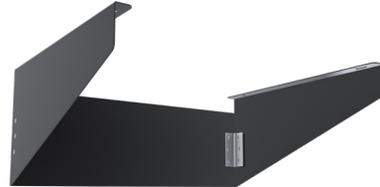
A17 FA AREA LIGHT REVERSIBLE SHIELD INSTALLATION



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RHS1 for 70/100/150W Models



RHS2 for 200/240/300/375W Models

IMPORTANT

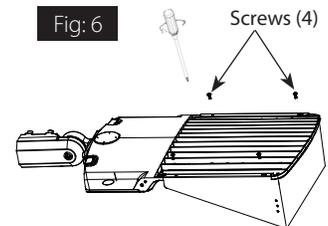
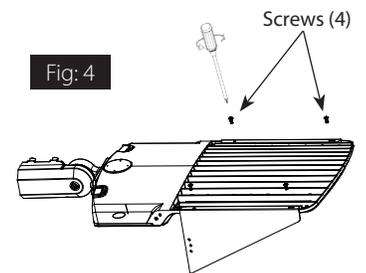
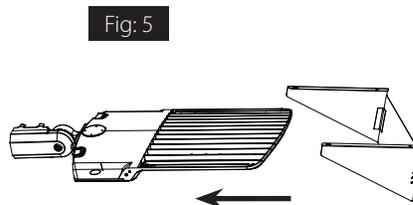
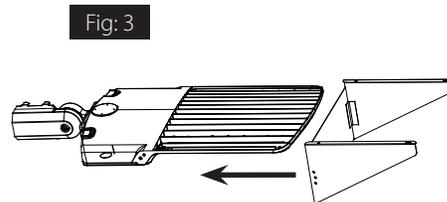
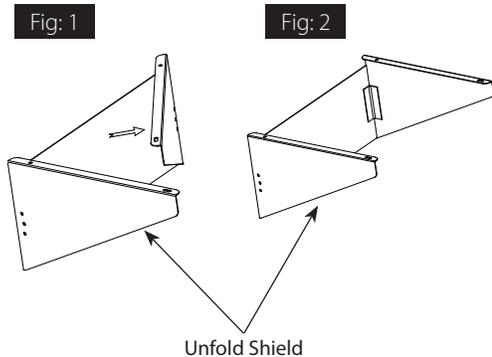
READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture.

INSTALLATION

1. Unfold **Shield** as shown in Fig. 1 & 2.
2. Slide the **Shield** onto bottom of **Fixture** as shown in Fig. 3.
3. Secure **Shield** on **Fixture** with (4) **Screws** (*provided*) as shown in Fig. 4.
4. For street side mount option, mount the **Shield** on **Fixture** as shown in Fig. 5.
5. Secure the **Shield** with (4) **Screws** (*provided*) as shown in Fig. 6.



Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.



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