INSTRUCTIONS
SLIM® 17 FIELD-ADJUSTABLE WALL PACK INSTALLATION

RAB®

SLIM17 FA 40-60W

SLIM17 FA 100-120-150W

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.
CAUTION: For wet location compliance, fixture must be properly sealed. For moisture seal, apply silicone caulking between the mounting surface and back housing, as well as around the sides of the housing. This is important with uneven wall surface. Silicone all plugs and unused conduit entries.
Min 90 °C SUPPLY CONDUCTORS.

WALL MOUNT

Suitable for outdoor applications.

1. Using a screwdriver loosen side **Housing Screws** (*2*) as shown in Fig. 1.

2. Remove the **Housing Back Plate** *(Fig. 2)*. **Unplug the LED Board Connector** to separate the front section of the fixture. Unscrew **Center Plug**. Using a drill open **Mounting Holes** in **Housing Back Plate**.

3. Apply **Foam Gasket** *(provided)* to external surface of the **Housing Back Plate** by removing plastic film and adhering to **Housing Back Plate** as shown in Fig. 3.

4. Feed supply wires through **Housing Back Plate** as shown in Fig. 4.

5. Secure **Housing Back Plate** to surface or junction box *(by others)* with appropriate hardware *(by others)* as shown in Fig. 5.

6. Place the **Housing** over the **Housing Back Plate. Reconnect the LED Board Connector.** For **Conduit** wiring, remove S**ide Conduit Cap** using a screwdriver as shown in Fig. 1. Wire the **Housing** leads to supply wires using UL listed wire connectors according to NEC and local codes *(Fig. 8)*. Push all wires into the **Housing**.

7. Secure fixture housing to Back Plate with (*2*) **Screws** *(provided)* as shown in Fig. 6. Be careful not to pinch wires.
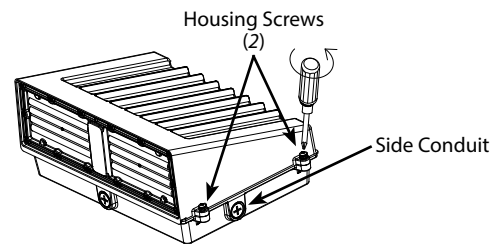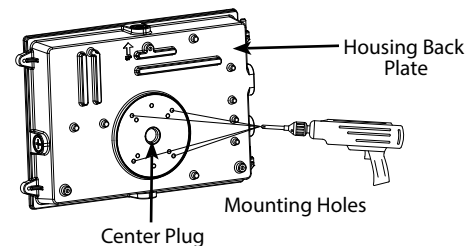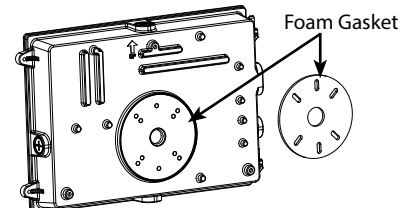
Fig: 1

Housing Screws (*2*)

Side Conduit

Fig: 2

Housing Back Plate

Mounting Holes

Center Plug

Fig: 3

Foam Gasket

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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
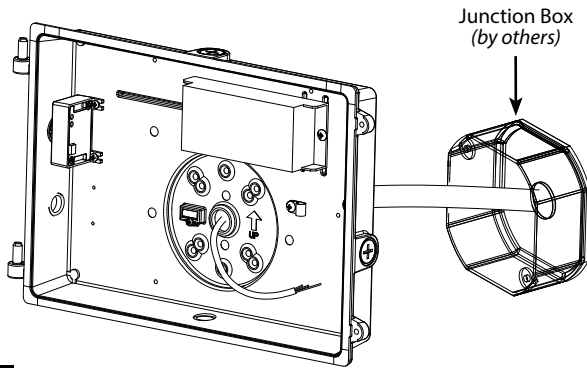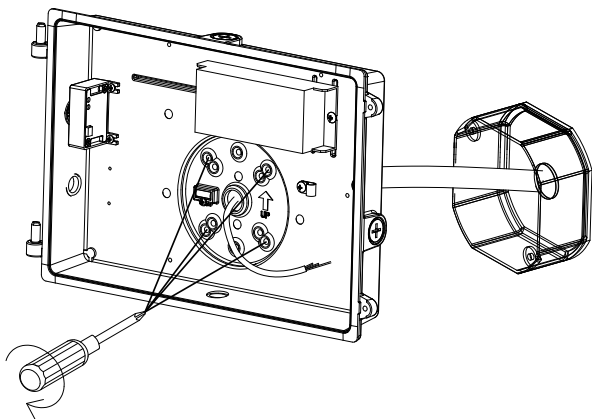
Fig: 4

Junction Box
(by others)

Fig: 5

Fig: 6

Housing Screws
(2)

FIELD ADJUSTMENT

Follow instructions below to change fixture **Color Temperature** (*CCT*) from the factory settings and/or **Photocell** On/Off option.

Factory Settings: 4000K / Photocell Off

1. Remove Clear Plug on side of Back Plate.

2. Locate the **Color Temperature** (*CCT*) and **Photocell On/Off** switches on the side of **Housing** as shown in Fig. 7.

3. Select **Color Temperature** (*CCT*) and **Photocell On/Off** position by sliding the respective switch to the desired setting.

4. Replace Clear Plug.

Fig: 7

Photocell On/Off Switch

CCT Selector Switch

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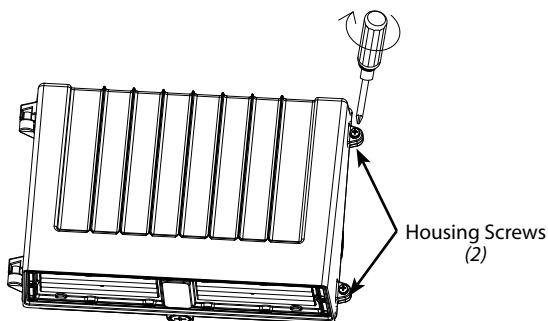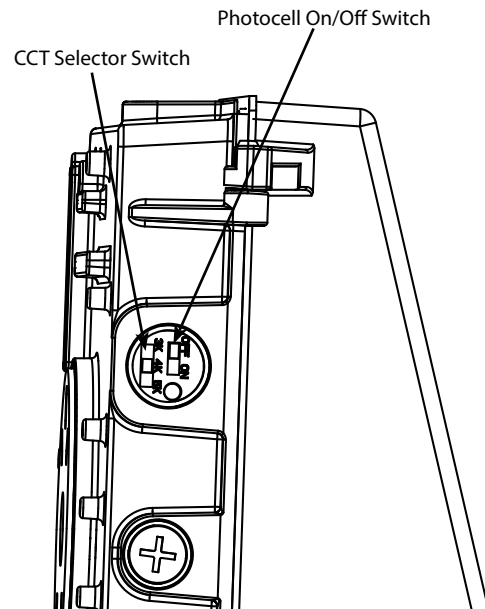
0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V through 277V, 50 or 60 Hz. For 0-10 dimming, follow the wiring directions as shown 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 the fixture to supply ground. Do NOT connect GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the DIM V+ lead.
5. Connect the pink fixture lead to the DIM V- lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.
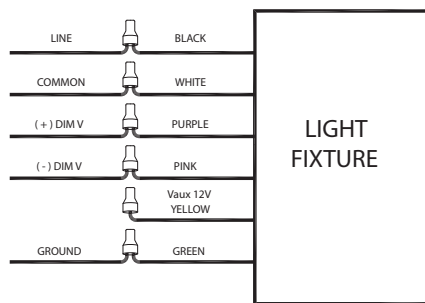
CLEANING & MAINTENANCE

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

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

TROUBLESHOOTING

1. Is the fixture grounded properly?
2. It is recommended to wear gloves to avoid injury during installation.
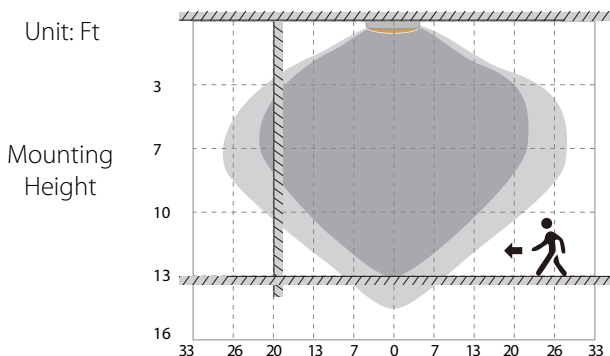3. If any smoke or spark, please turn off the power immediately.

Fig: 8

LINE	BLACK
COMMON	WHITE
(+) DIM V	PURPLE
(-) DIM V	PINK
	Vaux 12V YELLOW
GROUND	GREEN

LIGHT FIXTURE

MVS MODELS *(Internal)*

(optional remote sold separately for custom settings, CAT# MSR1).

Factory Settings:

- Brightness: 100%
- Hold Time: 20 Minutes
- Daylight: Disabled
- Sensitivity: 100%
- Stand-by dimming level: 20%
- Stand-by time: 1 Minute

DETECTION COVERAGE

Unit: Ft

Mounting Height

3
7
10
13
16

33 26 20 13 7 0 7 13 20 26 33

Highest mounting height is 13ft
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

Well Detected Area   Possibly Detected Area

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PIR MODELS *(External)*

(optional remote sold separately for custom settings, CAT# MSR1).
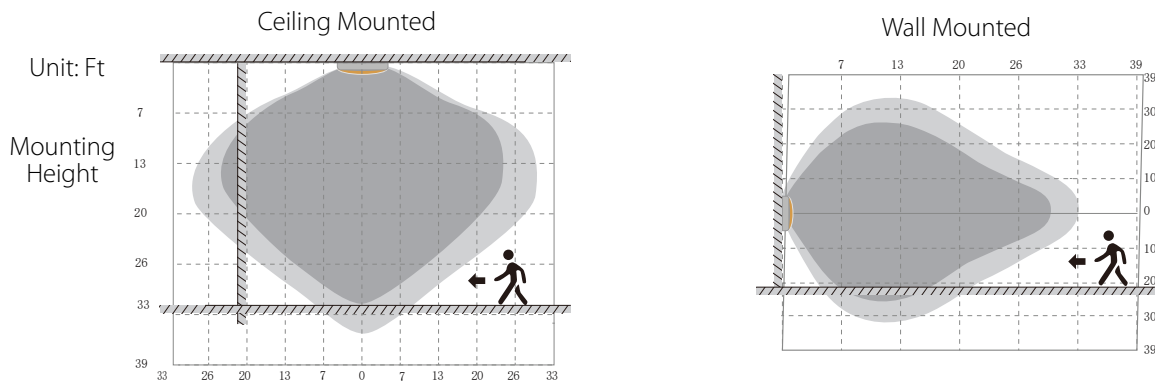
Factory Settings:

- Brightness: 100%
- Hold Time: 20 Minutes
- Daylight: Disabled

- Sensitivity: 100%
- Stand-by dimming level: 20%
- Stand-by time: 1 Minute

PIR DETECTION COVERAGE

Highest mounting height is 33ft.
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

Well Detected Area   Possibly Detected Area

Ceiling Mounted

Wall Mounted

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LIGHTCLOUD® BLUE

Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app.

Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network. Up to 60 feet between standard building materials.

Reset to Factory Settings: To enable pairing or reset the device, locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10 seconds or until the indicator light begins flashing red and the fixture will flash on/off 3 times.
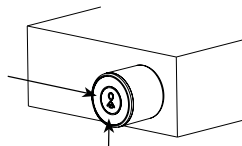
LED Indicators:

Blinking Red = Looking for a network

Solid Green = Connected to network

DEVICE IDENTIFICATION BUTTON
• Press once to rapid identify this device in the Lightcloud Blue Application when provisioned
• Press twice to toggle circuit on and off
• Press twice and hold to set dim level
• Press and hold for 10s to reset the device to factory settings and into pairing mode

STATUS INDICATOR
Solid GREEN when connected to your Lightcloud Blue network. Blinking RED when unprovisioned.

CONFIGURATION

To configure the Lightcloud Blue please login to the Lightcloud Blue app for details. For additional startup information, visit www.lightcloud.com/item/lcb-getting-started/

LIGHTCLOUD® BLUE SENSORS

Sensors are integrated at the factory and operate in Occupancy mode in their Uncommissioned State. Once paired to the Lightcloud Blue mobile app, the sensor will be disabled. Sensor Settings can be adjusted after being moved into an Area in the Lightcloud Blue mobile app. Once the sensor is enabled in the mobile app, the sensor will respond based on Commissioned State factory settings.

Factory Settings: Uncommissioned State

• Sensor Status: Enabled
• Motion Sensitivity: High
• Brightness when triggered: 100%
• Hold time: 20 Minutes
• Daylight harvesting: Disabled

Factory Settings: Commissioned State

• Sensor Status: Disabled.
• Motion Sensitivity: High
• Brightness when triggered: Last on status
• Hold time: 20 Minutes
• When vacant: Off
• Daylight harvesting: Disabled

CONTROLLING LIGHTCLOUD® BLUE DEVICE

1. Confirm your device is powered on.
2. Download the Lightcloud Blue app from the Apple® App store or Google Play™ store.
3. Launch the App and create an account or login.
4. Tap the "add device" icon in the app to start connecting devices.
5. Select the fixture in the app and move it to an Area with other Lightcloud Blue lights.
6. You're all set!

Learn more about the Lightcloud Blue system and app features.