

AMODIT, AMODITX

AMILY INSTRUCTIONS



SPECIFICATIONS (AMODIT, AMODITX)

Electrical Specifications	Input Ratings:	120VAC
	SSCR:	5kA
	HVIN:	AMODIT, AMODITX
	Dimming Load	Sinks 150mA; 0-10VDC dimmable ballasts or LED drivers; "D" 0-10V leads Class 1
Mechanical	Minimum Load	None
	Class Rating	0-10V Dimming can be wired Class 1 or 2
	Mounting	1/2" Knockout (7/8" hole)
	Connection Type	Line and Low Voltage Leads
Environmental	Warrantied Operating Temperature	-10°C to 60°C up to 5 amps; -10°C to 50°C up to 20 amps
	Standards/ Ratings	RoHS, UL 916, FCC / IC / IFETEL

FCC ID: 2ADCB-AMODIT, IC: 6715C-AMODIT
IFT #: RCPACRM18-1879 or RCPNLLN20-2057
Acuity Brands Lighting Inc. AMODIT or AMODITX

In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the radiator shall not be less than 20cm during normal operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Any Changes expressly or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT SAFEGUARDS
WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED INCLUDING THE FOLLOWING:

- DO NOT USE OUTDOORS.
- DO NOT MOUNT NEAR GAS OR ELECTRIC HEATERS.
- EQUIPMENT SHOULD BE MOUNTED IN LOCATIONS AND AT HEIGHTS WHERE IT WILL NOT READILY BE SUBJECTED TO TAMPERING BY UNAUTHORIZED PERSONNEL.
- THE USE OF ACCESSORY EQUIPMENT NOT RECOMMENDED BY THE MANUFACTURER MAY CAUSE AN UNSAFE CONDITION.
- DO NOT USE THIS EQUIPMENT FOR OTHER THAN ITS INTENDED USE.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

Expanding the boundaries of lighting™

WARRANTY

5-year limited warranty.

Full warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service should be performed by a qualified licensed electrician.
- Maintenance should be performed by qualified person(s) familiar with the products' construction & operation & any hazards involved. Regular maintenance programs recommended.
- To be installed to a circuit with overvoltage control to Overvoltage category Cat.III or less, minimum suppression rating 6.0 kV for a 600 V ac rms system voltage
- **DO NOT INSTALL DAMAGED PRODUCT!** This product has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.

CAUTION: RISK OF PRODUCT DAMAGE

- ✓ Electrostatic Discharge (ESD): ESD can damage product(s). Personal grounding equipment should be worn during all installation or servicing of the unit.
- ✓ Do not touch individual electrical components, as this can cause ESD and affect product performance.
- ✓ Do not stretch or use cable sets that are too short or are of insufficient length.
- ✓ Do not tamper with contacts.
- ✓ Do not modify the product.
- ✓ Do not change or alter internal wiring or installation circuitry.
- ✓ Do not use product for anything other than its intended use.

WARNING - RISK OF ELECTRIC SHOCK

- ✓ Disconnect or turn off power before installation or servicing.
- ✓ Verify that supply voltage is correct by comparing it with the product information.
- ✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ✓ All wiring connections should be capped with UL approved recognized wire connectors.
- ✓ All unused connector openings must be capped.

WARNING - RISK OF BURN or FIRE

- ✓ Do not exceed maximum wattage, ratings, or published operation conditions of product.
- ✓ Do not overload.
- ✓ Follow all manufacturer's warnings, recommendations and restrictions to ensure proper operation of product.

CAUTION - RISK OF INJURY

- ✓ Wear gloves and safety glasses at all times when installing, servicing or performing maintenance.

Acuity Brands Lighting, Inc. | One Lithonia Way Conyers, Georgia 30012, United States.Phone: 6786757273 www.acuitycontrols.com © 2019-2025 All rights reserved. Rev. 10/24/2025 912-00056-002

1 of 3

AMODIT, AMODITX

FAMILY INSTRUCTIONS



OVERVIEW

AMODIT is a device that provides on/off switching and dimming for light fixtures. It is suitable for control of commercial and industrial light fixtures in indoor environments. When installed as part of a BT flood network lighting control system, the **AMODIT** will respond to wireless commands from other devices, to be programmed during startup.

INSTALLATION INSTRUCTIONS

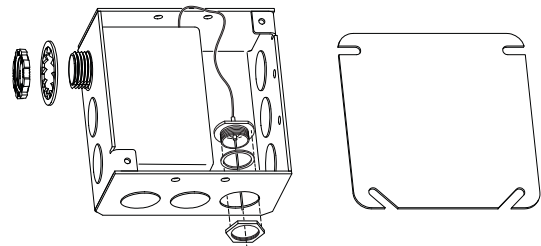
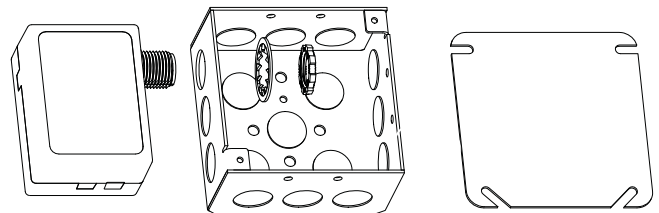
REQUIRED TOOLS & SUPPLIES

- Electrical Pliers
- Screwdriver
- Wire nuts
- Electrical box
- 2mm Precision Slotted Screwdriver, used for 24V terminals only



INSTALLATION STEPS

1. Turn power off at circuit breaker.
2. Install electrical box in accordance with state, local and national electrical codes and requirements.
3. Remove knock-out from side of electrical box.
4. Remove retaining nut and washer from power pack mounting nipple. **NOTE:** Standard device includes a wireless antenna internal to the device. This restricts it from being installed inside a metal enclosure. For metal enclosure applications, use the external antenna model.
5. Install washer and thread retaining nut onto nipple, and hand-tighten to wall of electrical box, then apply additional quarter-turn tightening with pliers.
6. Using wire nuts, connect line and low voltage wires as shown in the applicable wiring diagram in accordance to state, local and national codes and requirements.
7. For external antenna models only: Connect the antenna with the gasket to the inside of the sealed box, with the retaining nut on the outside of the box, as illustrated.
8. Install electrical box cover plate before restoring power.



**For external antenna option, see step 7.*

INITIAL OPERATION

Following power up, the relay shall close to energize the load. The dimming output shall be at 100% light output. The device shall remain in this state until programmed to the BT flood network.

For further troubleshooting guidance, please contact the Controls Technical Support Team

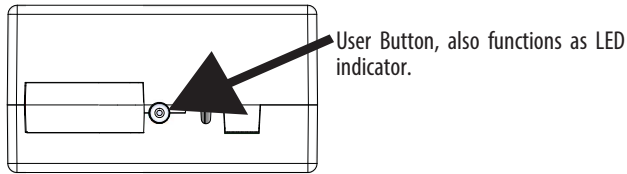
1(800)-535-2465

AMODIT, AMODITX

AMILY INSTRUCTIONS

USER BUTTON

On the side of the controller is a lighted user button. This button can be used for testing purposes.



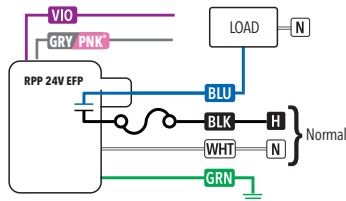
LED Diagnostics

The LED is illuminated when operational.



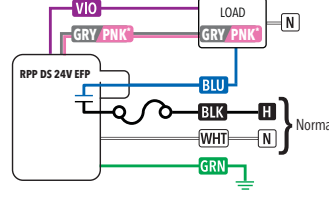
WIRING (DO NOT WIRE HOT)

BTTP D EFP



Switching only

BTTP D EFP



Switching and dimming

Legend

BLK - Unswitched Hot 120V
BLK - Unswitched Norm. Hot**
WHT - Norm. Neutral**
BLU - Switched Output
VIO - 0-10V Dim (+)
PNK* - 0-10V Com (-)
BLK (Terminal) - DC Com
GRN - Ground
Optional Test Switch
(by others)

*0-10V Dimming Common from luminaire
may be pink or as otherwise indicated per
section 410.69 of the 2020 NEC

Do NOT wire while connected to live power, damage may occur.

This device complies with Innovation, Science and Economic Development Canada Compliance licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements RF de l'isedc établies pour un environnement non contrôlé.

Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur & votre corps.