

## INSTALLATION INSTRUCTIONS

SPK-DL4-RGBTW-WH



### ⚠ WARNING

These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

### ⚠ WARNING

The electrical rating of this product is 120V AC. The installer must determine whether power supply is appropriate at the luminaire before installation. Ensure power supply is turned off at the fuse box or circuit breaker prior to attempting installation or servicing of the fixture.

### ⚠ WARNING

Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

### ⚠ WARNING

Risk of fire or electric shock. Install this kit only in the luminaires that have construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

### SAFETY INFORMATION

- Read all instructions before beginning. Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product.
- Installation of this fixture requires knowledge of recessed lighting luminaires and their electrical systems. If not qualified or uncertain, do not attempt installation. Contact a qualified electrician.
- THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.
- Supply conductors (power wiring) connecting the fixture must be rated for a minimum of 90°C (194°F).
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Do not alter, relocate, or remove wiring, lamp holders, power supply, or any other electrical component.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- To avoid electrical shock, do not turn on fixture with missing or damaged lens.
- This downlight is suitable for use in damp locations.
- There are no serviceable parts inside of the LED module.
- Please examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- This fixture is not intended for use with a standard wall plate dimmer switch. Use only with Spektrum Bluetooth App or Spektrum handheld remote controller (SPK-CTRL-W-RGBTW sold separately)

### PRE-INSTALLATION

**CAUTION - To reduce the risk of fire, electric shock, or injury to persons:** Be sure that the power supply is turned off at the fuse box or circuit breaker before attempting installation or servicing of the fixture.

**CAUTION - To reduce the risk of fire, electric shock, or injury to persons:** Use with 4" recessed cans (recessed housings) only. Do not attempt to alter for other sizes or purposes. Before beginning installation, confirm housing compatibility by checking the interior of the housing for a manufacturer's part number and specifications; or measure the diameter of the housing. **The recessed housing must have a minimum measured inside diameter (opening) of 4.02" (102mm) and a minimum measured inside height of 5.51" (140mm).** Turn power OFF from the electrical panel before starting installation.

### INSTALLATION (See Figures 1-2):

1. Remove existing bulb and trim if applicable.
2. Confirm the LED Retrofit Downlight is compatible with the existing 4" recessed housing as outlined above.
3. Remove socket mounting bracket and plate from inside existing housing (if installed). Remove socket from plate and discard plate.
4. Screw Edison socket adapter into back of existing housing. See Figure 1.
5. Connect the retrofit downlight's plastic connector to the Edison socket adapter's plastic connector making sure the mating parts snap together.
6. Carefully route wires into housing and push retrofit downlight up flush to ceiling rotating slightly if needed, allowing the spring clips to secure in place. See Figure 2.

FIGURE 1

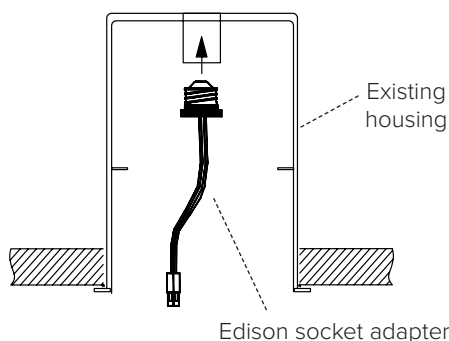
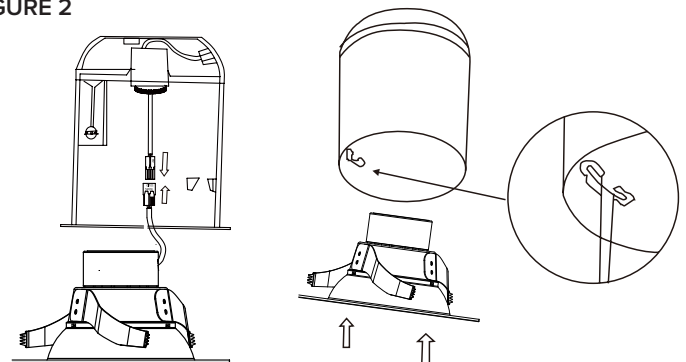


FIGURE 2



## INSTALLATION INSTRUCTIONS

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### CONTROLLING THE DOWNLIGHT:

The attached LED controller/receiver utilizes Bluetooth Wireless Technology and can be controlled via 2 ways: remote controller (sold separately) or the Spektrum Smart Lighting App.

#### USING THE REMOTE CONTROLLER (See Figure 3):

Do not remove protective film from battery compartment until ready to use. This remote includes a 3V CR2032 battery, only replace with the same type battery. Please dispose of old batteries properly. Handheld remote can be used in conjunction with the app or independently.

**USING REMOTE WITH SPEKTRUM APP:** First, add all lighting devices to be controlled by the handheld remote to a room prior to adding the remote by following the Spektrum Smart Lighting App Guide. Add the remote by selecting "Add Device", then pressing the On/Off + CCT button together to enter configuration mode. Follow the app instructions to finish binding the remote.

#### SYNC REMOTE DIRECTLY TO DEVICE (INDEPENDENT OF APP):

Press CCT and ON/OFF together, the red indicator light behind the buttons will twinkle.

**DISTANCE OF CONTROL CAPABILITY:** 25 meters

**RESET THE REMOTE CONTROLLER:** Press and hold ON/OFF for 15 seconds, the red indicator light will flash once reset

#### USING THE SPEKTRUM SMART LIGHTING APP:

Please follow the Spektrum Smart Lighting App guide included.

#### TO RESET THE LIGHTING DEVICE TO FACTORY SETTINGS:

Turn the light On and Off from the power source rapidly 10 times in succession. The light should flash once reset.

### CARE AND MAINTENANCE:

1. Use only a mild soap and water with soft cloth to clean the fixture. Harsh chemicals will damage the finish.
2. Do not wipe the fixture with a rough cloth that may scratch the finish or the lens.

### FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

### FCC WARNING

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:

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

### 5-YEAR LIMITED PRODUCT WARRANTY

This product is warranted to be free from defects in material and workmanship for a period of five (5) years from the date of purchase. Products that prove to be defective during this period will be either repaired (i.e. replacement of defective electronics, defective parts of the fixture housing, lens, wiring, switching or lamp sockets; excluding the lamp) or replaced, at the discretion of American Lighting, Inc claims for defective products must be submitted to the retail location from which the product was purchased within the warranty period. Upon submission of proper return claim documentation and product to American Lighting, Inc by the retailer, American Lighting, Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting, Inc's opinion has been misused, will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting, Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and damages for personal injury and property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty applied only to product that has been properly installed in accordance with instruction sheet and current local codes and/or the National Electrical Code. Warranty does not apply to any product that has been improperly installed or in situation where components have been altered in any way. This warranty: (1) excludes expendable parts including but not limited to light bulbs, batteries; (2) carries a 2-year finish warranty protecting finish against tarnishing, flaking, and discolorations; and (3) does not cover any losses, labor, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, it is recommended that installation be done by a qualified professional; the purchaser has sole responsibility for proper installation in compliance with all state and local code requirements. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sold exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above.

For questions/comments, technical assistance, or repair parts - Please call toll free at 1-800-285-8051 (M-F 8am-5pm), CST)

FIGURE 3

