



FEIT Electric LEDR6XT Wi-Fi Color Changing Lights Installation Guide

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ITEM # LEDR6XT/6WYCA/6

Questions, problems, missing parts?

Before returning to the store, call Feit Electric Customer Service
8 a.m. – 5 p.m., PST, Monday-Friday 1.866-326-BULB (2852)

IMPORTANT SAFETY INSTRUCTIONS AND INSTALLATION GUIDE READ BEFORE INSTALLATION SAVE THESE INSTRUCTIONS

Please read and understand this entire manual before attempting to assemble, operate or install this product. This product must be installed in accordance with any applicable installation code(s) by a qualified electrician or person familiar with the construction and operation of the product and the hazards involved.

1. **WARNING: RISK OF SHOCK.** House electric current can cause painful shock or serious injury unless handled properly. For your safety, always remember to:
 - A. Turn off the power supply at the fuse or circuit breaker box before you install the fixture.
 - B. Ground the fixture to avoid potential electric shocks and to ensure reliable starting
 - C. Double-check all connections to be sure they are tight and correct.
 - D. Wear rubber-soled shoes and work on a sturdy ladder.
2. This fixture is designed for use in a circuit protected by a fuse or circuit breaker. It is also designed to be installed in accordance with local electrical codes. If you are unsure about your wiring, consult a qualified electrician or a local electrical inspector and check your local electrical code.



CAUTION: Turn off the main power at the circuit breaker before installing the fixture in order to prevent possible shock.

3. **WARNING: RISK OF CUTS.** Some metal parts in the fixture may have sharp edges. To prevent cuts and scrapes, wear gloves when handling the parts.
4. Account for small parts and destroy packing material, as these may be hazardous to children.

NOTICE:

- All electrical connections must be in accordance with local and National Electrical Code (N.E.C) standards. If you are unfamiliar with proper electrical wiring connections, obtain the services of a qualified electrician.
- Remove the fixture and the mounting package from the box to make sure that no parts are missing by referencing the illustrations on the installation instructions.

Supplier's Declaration of Conformity: 47 CFR § 2.1077 Compliance Information Responsible Party: Feit Electric Company 4901 Gregg Road, Pico Rivera, CA 90660, USA 562-463-2852 Unique Identifier: FEIT ITEM # LEDR6XT/6INYCA/6

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. **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: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

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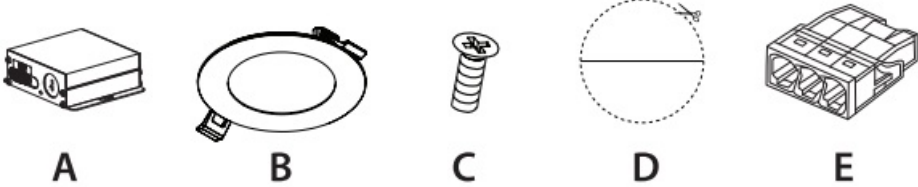
WARRANTY

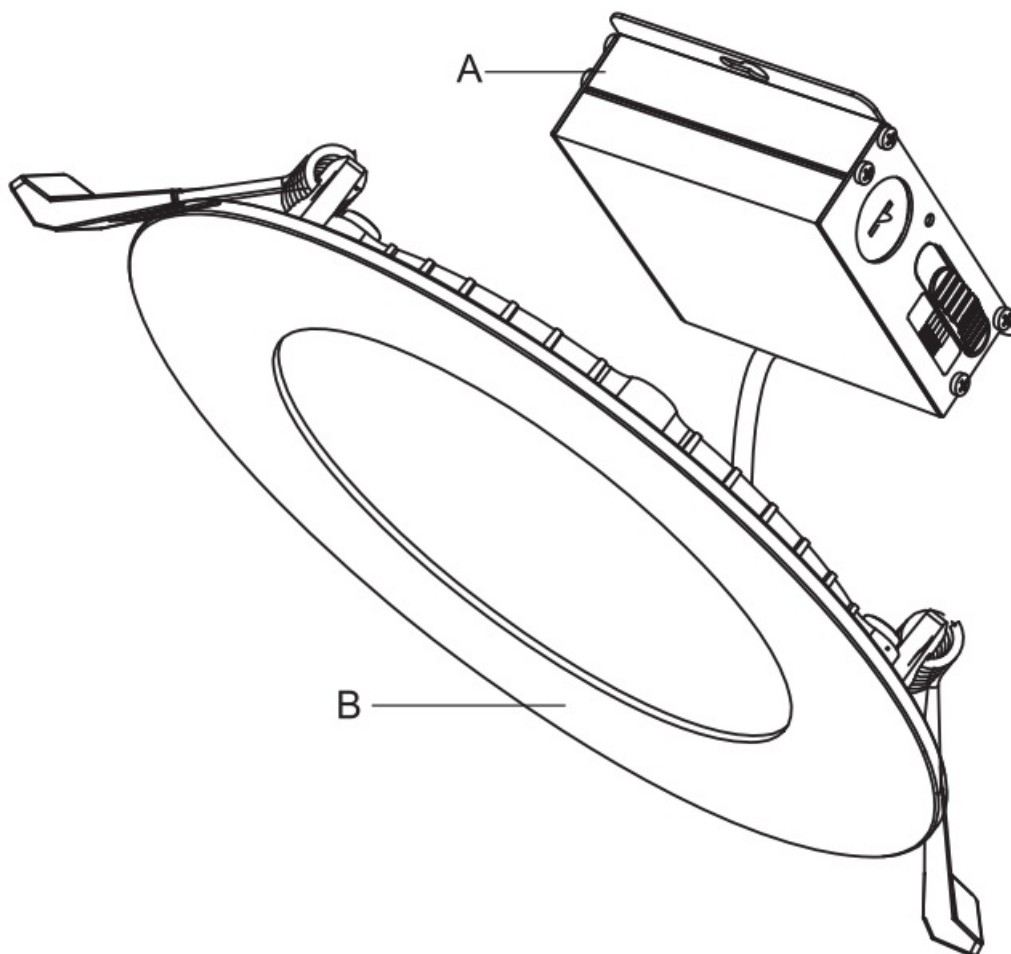
This product is warranted to be free from defects in workmanship and materials for up to five years from the date of purchase. If the product fails within the warranty period, please contact Feit Electric at info@feit.com, visit feit.com/contact-us or call 1-866-326-BULB (2852) for instructions on replacement or refund. REPLACEMENT OR REFUND IS YOUR SOLE REMEDY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY

IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IS HEREBY EXPRESSLY EXCLUDED. Some states and provinces do not allow the exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

PACKAGE CONTENTS

Before beginning the installation of this product, make sure all parts are present. Compare parts with package contents list and diagram. If any part is missing or damaged, do not attempt to assemble, install or operate this product.

Tools Required	Package Contents
<ul style="list-style-type: none">—Screwdriver—Recessed lighting hole saw (recommended)—Scissors	 <div>A B C D E</div>



	COMPONENTS INCLUDED
A	(1) POWER SUPPLY BOX
B	(1) RECESSED DOWNLIGHT
C	(2) SCREWS (M4 & 25mm)
D	(1) CUT OUT TEMPLATE
E	(3) WAGO CONNECTORS
F	(1) INSTRUCTION MANUAL

PRODUCT ELECTRICAL RATINGS

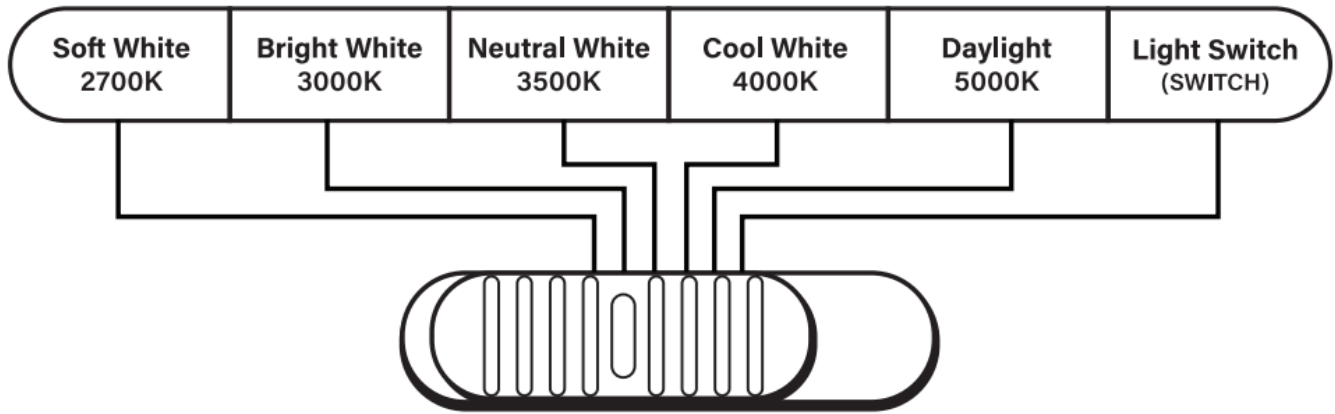
120 V / 60 Hz, 0(mA, 13 W

SUITABLE FOR WET LOCATIONS.

The foam insert between the trim and ceiling of this panel will create an air-tight seal and is required for the ASTM Air Tight Certification. Suitable for Type IC. Continuous dimming between 10% – 100% with most dimmers.

Distance	LIGHTING DISTRIBUTION	
	Center Beam (Foot candles)	Beam Diameter
3 ft.	42	7.2 ft.
5 ft.	15	12 ft.
8 ft.	5.9	19 ft.
15 ft.	1.7	36 ft.
Beam Angle = 100°		

HOW TO SELECT YOUR LIGHT COLOR



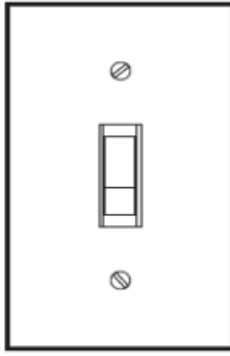
NOTICE: The toggle switch is located on the power supply box.

PICK YOUR FAVORITE LIGHT COLOR BEFORE INSTALLING

- You can lock in one color temperature or change among multiple color temperatures, it will memorize the last color temperature and reset automatically.
- When the slide switch is set to SW (Soft White), the color temperature is set at 2700K.
- When the slide switch is set to BW (Bright White), the color temperature is set at 3000K.
- When the slide switch is set to NW (Neutral White), the color temperature is set at 3500K.
- When the slide switch is set to CW (Cool White), the color temperature is set at 4000K.
- When the slide switch is set to DL (Daylight), the color temperature is set at 5000K.

ADJUST YOUR LIGHT COLOR ANYTIME WITH A REGULAR WALL LIGHT SWITCH

- Set the slide switch on the power supply box to SWITCH.
- Toggle your light switch ON and OFF within 0.5-2 seconds to cycle through the five different color temperatures.
- If the fixture is left OFF for over 10 seconds then turned ON, the fixture remembers the last color temperature selected and displays that color when turned on again.
- The reset function is used when using multiple Color Selectable lighting products operating from the same light switch. In the event that multiple fixtures are not displaying the same color at the same time, the fixtures must be RESET using your existing light switch. Simply toggle the wall switch ON and OFF 7 times, leaving it in the ON position for 1-second intervals. (Ex: With the fixture in the ON position, toggle the wall switch OFF then ON, leaving it ON for 1 second, then OFF then ON, leaving it ON for 1 second. (Repeat 7 times.)



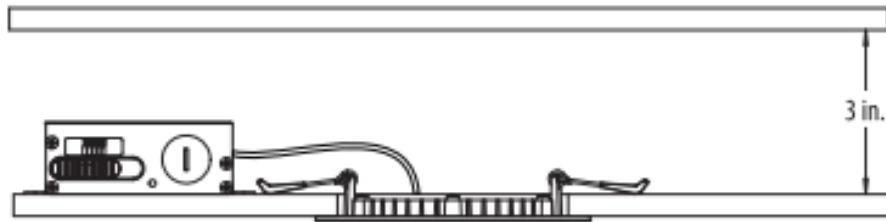
PRE-INSTALLATION REVIEW

- Turn the power OFF from the breaker panel before starting installation.
- Locate a suitable location for the fixture and cut the correct sized hole in the drywall or ceiling tile (for a suspended T-Bar type ceiling) — refer to Hole Cut Out Template for the appropriate size.
- Know the location of your joist before making any cuts.
- Run an electrical wire from the switch (power supply) through the mounting hole; use NM cable or Flexible Metal Conduit Cable.
- Use the slide switch to choose a preferred color temperature before installing (2700K, 3000K, 3500K, 4000K, 5000K)

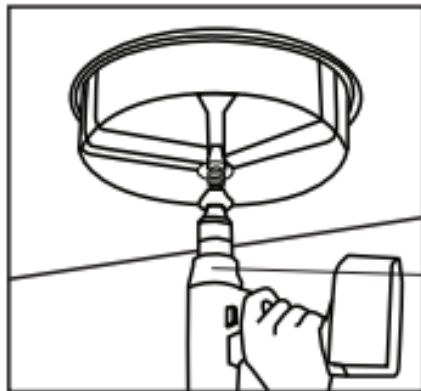
INSTALLATION INSTRUCTIONS FOR RECESSED HOUSING

1

Ensure the space above the installed fixture is at least 3 in.

**2**

Cut a 6 3/8 in. hole in the ceiling as round as possible using the template provided and a recessed lighting hole saw.



NOTE: Before cutting, ensure that the hole does not impinge on joists, pipe work, cable or other building services.

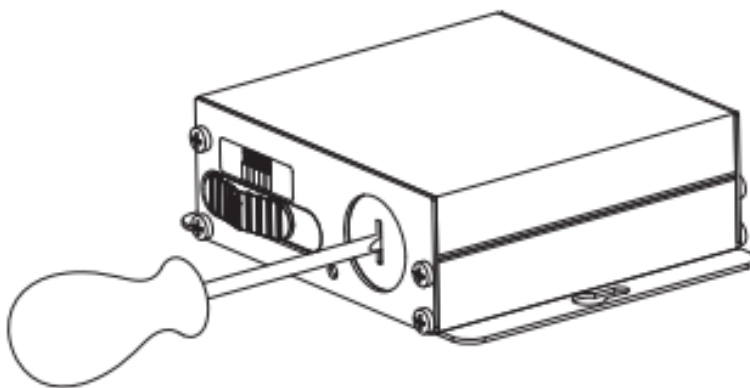
Recessed lighting
hole saw

3

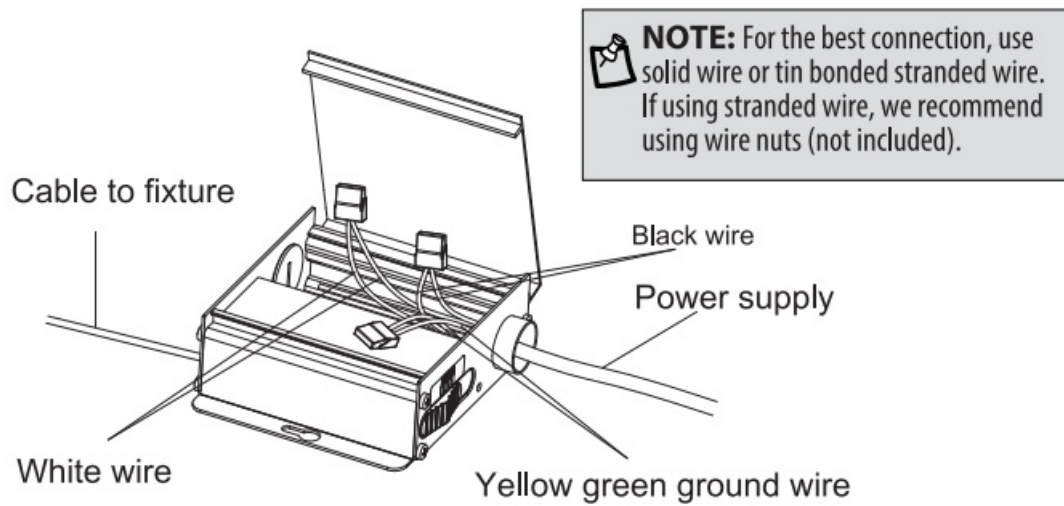
Carefully remove the knock-out with a screw driver or punch.



NOTE: For easier installation, separate the power supply box and downlight by disconnecting the tethered connectors.



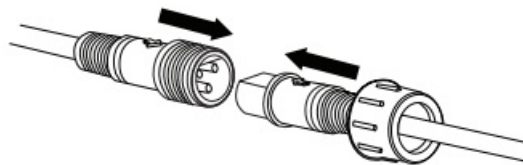
4 . Open the power supply box cover Feed the supply wire into the knockout hole using a 3/8 in. clamp connector (not included) and make all the connections inside the power supply box using wago connectors. Connect the 120V line (black) wire to the black wire. Connect the neutral (white) wire to the white wire. Connect the ground (green) wire to the green wire. This power supply box needs to be grounded Wires inserted into the wago connectors must meet the *Wire Gauge and Strip Length Requirements.



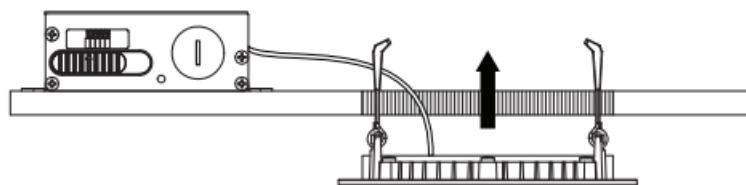
5 After inserting the supply wire into the wago connectors, double-check the connection by following these simple tests:

- Hold the wago connector with one hand and with the other hand pull at the connected wires to ensure proper wire connection.
- Ensure a sufficient amount of wire is visible through the clear shell for visual verification.

6 Reconnect the tethered connector before restoring the power at the breaker panel. To ensure proper connection, the arrows on the cable adapters must be facing each other. Screw on the fastener to secure the connection.




7 Hold the spring clips against the fixture and gently guide them into the ceiling until the clips snap into place. The fixture should be flush with the ceiling.



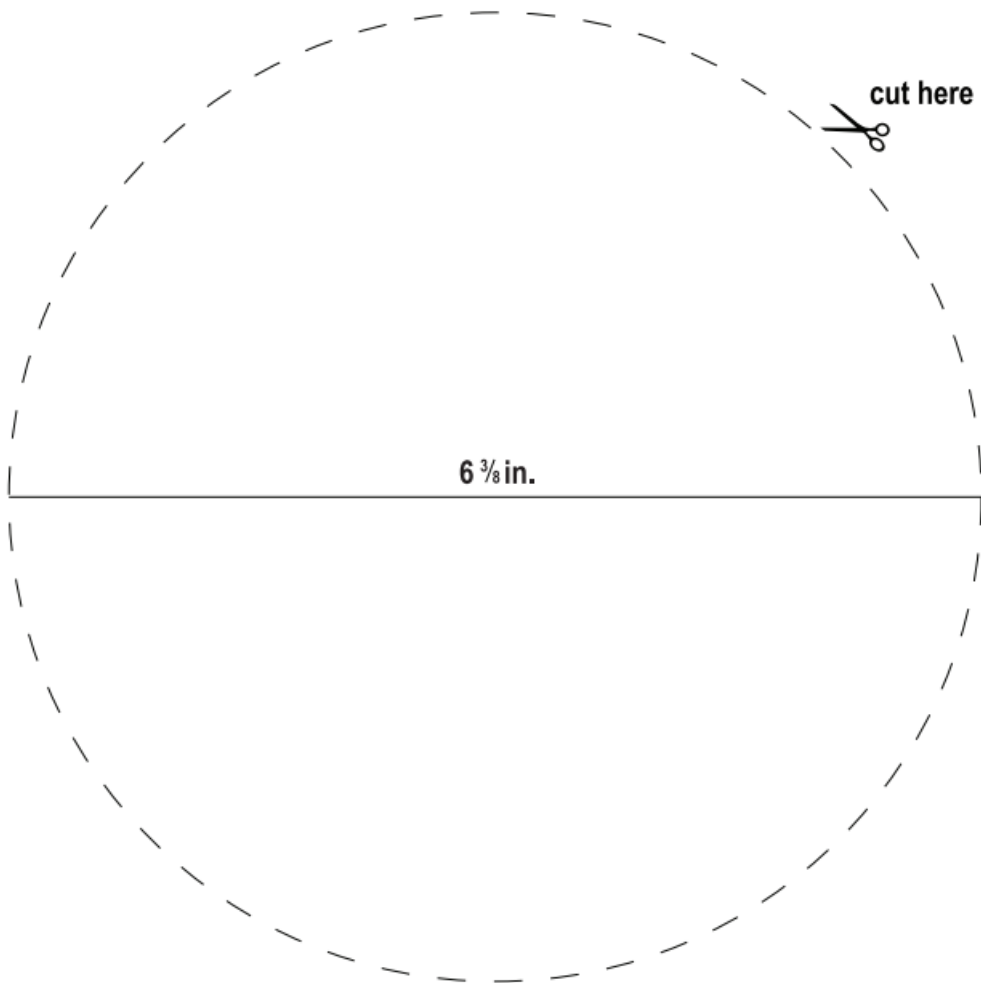
8 Restore the power at the breaker panel.

NOTE: Ceiling thickness must be 1 1/2" to 3/4".

* WIRE GAUGE AND STRIP LENGTH REQUIREMENTS

Wire Type Solid wire	Wire Range 14-18 AWG	Strip Length 0.43 – 050 in.	 NOTE: if the jacket of the cable is not in the wago connector ensure the strip length is correct and/or verify the wire is fully inserted.	
Tin bonded stranded wire	14-18 AWG	0.43 – 030 in.		

CUT OUT TEMPLATE – For a 6 3/8 in. hole.

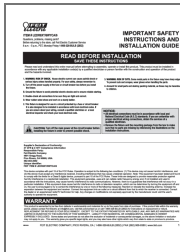


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Documents / Resources



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