MaxLite® LED luminaire—RCF Bluetooth & Sensor Series Downlight

General Safety Information

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- DO NOT INSTALL DAMAGED PRODUCT!
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box

Pictures are for illustration purposes only. Your model may vary.

Input Rating: 120-277V, 50/60 Hz
Dimming: Bluetooth App control
Operating Temperature: -4°F to 104°F (-20°C to 40°C)
Rating: Damp Location Rated

WARNING: RISK OF ELECTRICAL SHOCK

- Turn off the electrical power at fuse or circuit breaker box before wiring fixture to power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION:

- Don't replace any accessory to prevent from dropping, electric shock or fire. etc.
- Don't touch the lamp when in use.
- Always switch off the mains supply. 5-10 minutes later to replace the lamp after the used lamp has cooled down.
- Lamps should only be used in a protective shield!

CAUTION: RISK OF INJURY

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Consult a qualified electrician to ensure correct branch circuit conductor.
- 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.
- IC rated.

CAUTION: RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire.
- MIN 90°C SUPPLY CONDUCTORS.

FCC STATEMENT

- This equipment has been tested and found to comply with the limits for a Class A 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 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 on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

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

***RF warning for Mobile device:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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342 Changebridge Rd, STE 201, Pine Brook, NJ 07058 Tel: 973-244-7300 Fax: 973-244-7333 Email: info@maxlite.com
Version: 1.4 Revision: 10/29/25

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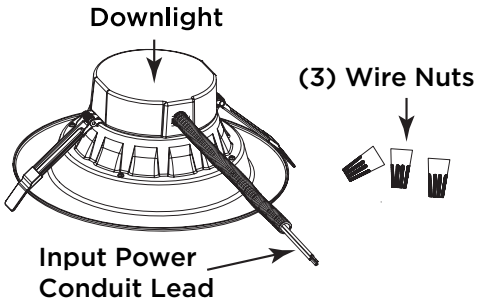
Included in Box

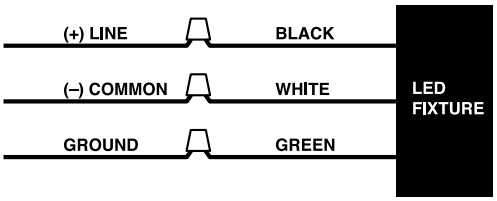


Model Number	Cut-Out (Inches)
RCF4N10TWMS	4.33
RCF6N20TWMS	5.98
RCF8N28TWMS	7.87
RCF10N35TWMS	8.66

FCC ID：2AZRDRCFX2025

Note: If it is the model number of the products manufactured in the Cambodia factory, the suffix "TA" will be added.

Wiring Diagram



WARNING: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Input Rating: 120-277V, 50/60 Hz

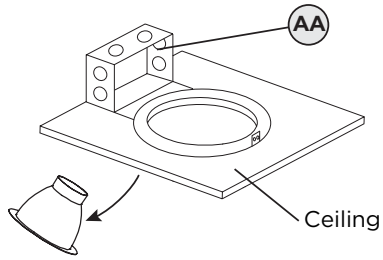
DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

Suitable for use with luminaires with minimum 4 inch-110 (D) mm / 6 inch-152 (D) mm / 8 inch-203 (D) mm /10 inch-228 (D) mm / lamp compartment.

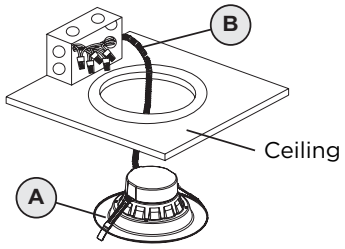
Installation Instructions: Retrofit

1. Make sure the power is turned off at the source to the recessed housing(s) where the fixtures(s) will be installed. Remove the existing trim and bulb from the recessed housing fixture. Open access panel to the conduit junction box (AA). Ensure that at least one conduit knockout is available to make the input power connection.

2. Extend the input power conduit lead (B) through ceiling and connect conduit fitting to junction box. Connect the fixture wires to the supply wires according to diagram above. WARNING: If there is no ground supply wire, stop installation and consult a qualified electrician.



Remove existing trim *(if applicable)*



3. Carefully tuck all wires into junction box and replace the junction box cover panel. Fold up both spring arms and insert the entire fixture up through the ceiling while letting the tension on the spring arms close onto the upper surface of the ceiling panel. Ensure that the fixture is secured to the ceiling before releasing support of the fixture and completing the installation.

Connecting Your Bluetooth Downlight

Scan the QR code to download mobile App, follow instructions for direct to phone set-up, Use the mobile App to pair devices, create groups,set scenes, set schedules, set brightness and CCT based on your needs.

iOS **Android**

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Warranty Information

Maxlite Inc. warrants its products for a minimum period of **FIVE (5)** years from the earlier of the actual installation date or 90 days after the original date of purchase from a Maxlite authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, Maxlite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at http://maxlite.com/resources/warranties) for the complete coverage details as well as the terms and conditions of our warranty. Please note that it is NOT a requirement to register your warranty in order to initiate a warranty claim unless a Ten Year warranty has been purchased separately, or when applicable and/or purchased separately, your warranty contains a replacement labor allowance.

Limitation of Liability

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFCALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DONOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.

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