

MaxLite® 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

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.



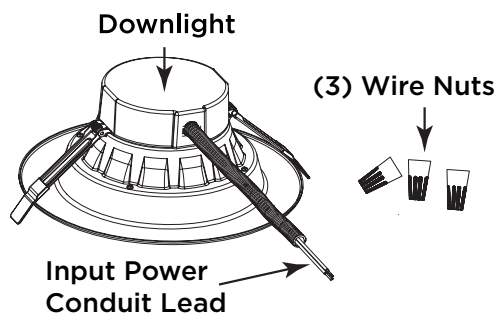
Pictures are for illustration purposes only. Your model may vary.

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

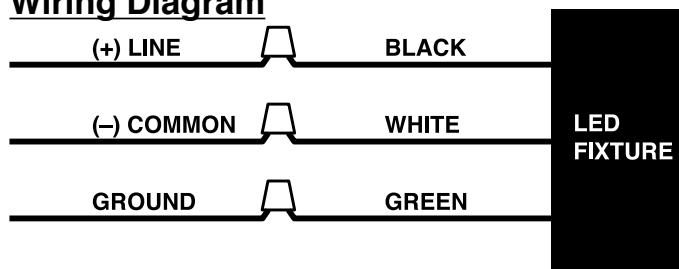
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Included in Box



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.

Power-Up Sequence

- Fixture powers on at the lowest CCT (2700K) at a dim level.
- It then cycles upward through the CCT range to 6500K.
- After cycling, the fixture settles at 4000K and ramps up to 100% output, where it remains.
- Total startup sequence duration: approximately 10 seconds



Product must be commissioned with c-Max app before first use.

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

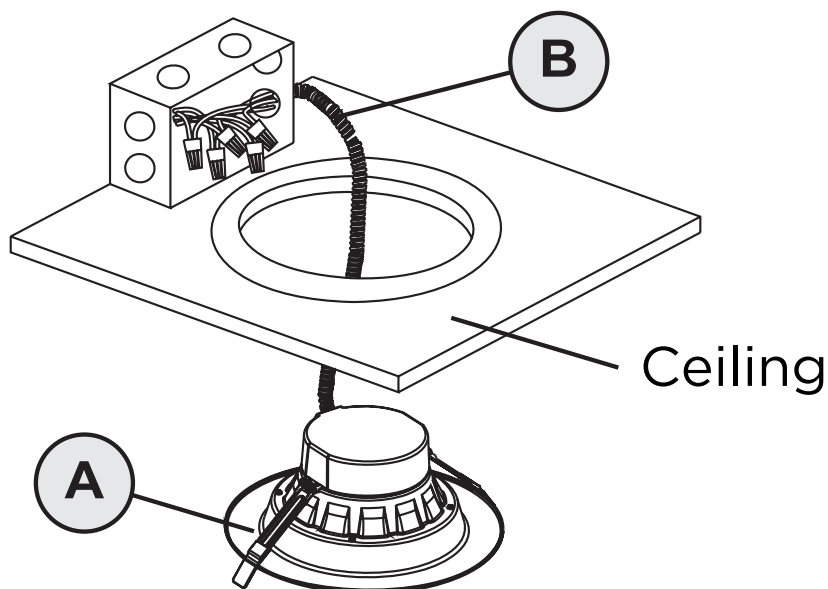
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**Installation Instructions: New Construction (CDFK-4-10IN/2PKTA - Sold separately)**

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



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1. If using a new construction plate, install it in the ceiling first.



**CDFK-4-10IN/2PKTA
Instruction Manual**

2. If a new hole is needed, cut the hole according to the downlight cut-out dimension for your model type in the Installation Manual's cut-out chart.

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

3. Remove the junction box faceplate. Disconnect wiring to existing ballast. Remove appropriate knock out on junction box.
4. Connect incoming AC mains power to fixture input leads. Insert the downlight conduit into the J-box and wire to the power source (black to hot, white to neutral, green to ground). Reattach the J-box cover when done. (The grounding of the overall system shall be done in accordance with NEC and local codes)
5. Bend the spring clips upward so they are in an upright and insert downlight into hole in the ceiling/housing.
6. Once downlight is inside the ceiling and housing, release the spring clips and push the fixture up into the ceiling until securely fixed and flush with the ceiling (rotating the downlight may be necessary to properly engage the spring clips and ensure a secure fit).
7. Restore power at the source. The installation is complete.

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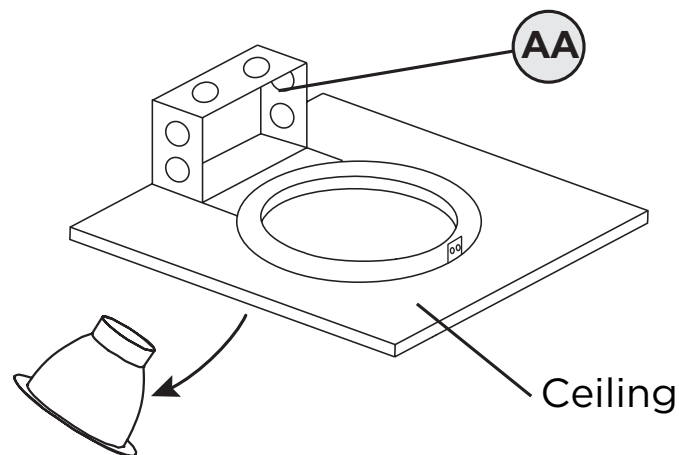
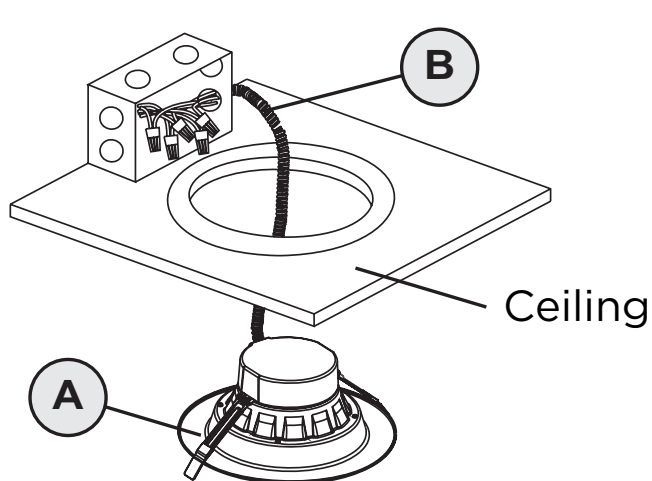
**Installation Instructions: Retrofit**

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



Product must be commissioned with c-Max app before first use.

Model Number	Cut-Out (Inches)
RCF4N10TWMS	4.33
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Remove existing trim (if applicable)

1. Make sure the power is turned off at the source to the recessed housing(s) where the fixture(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.
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.



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Standard Product Warranty

TERMS & CONDITIONS

Introduction

This product warranty (the “Warranty”) covers each of MaxLite’s LED lighting fixtures, lamps, and controls (the “Product(s)”) that are purchased while the Warranty is in effect, for a specified period of time (the “Warranty Period”) from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite authorized distributor/dealer. For each Product, the Warranty Period can be found in the most current versions of the MaxLite Standard Product Warranty Coverage document (“SPWC”) and applicable MaxLite Product Data Sheet (“PDS”).

Warranty Coverage

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 Product (or, if the same Product is not reasonably available, with a product that is comparable in MaxLite’s view) at no charge, or will issue a refund. MaxLite reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured products or parts in the warranty replacement process.

General Terms and Conditions of the Warranty

1. The Warranty is effective for purchases of Products on and after July 22, 2019. MaxLite reserves the right to modify the Warranty from time to time; any such modifications shall be effective for all purchases made on and after the effective date of such modification.
2. The Warranty is applicable only to Products originally purchased from an authorized MaxLite distributor/dealer and is otherwise void.
3. Except for Products that qualify for a labor allowance per the SPWC, MaxLite is not responsible for any of the labor costs or other expenses associated with Product removal or installation.
4. The Warranty is void if the Product is operated outside its normal operating conditions per the applicable PDS, has been installed for an application for which it is not rated, or has been subject to accident, neglect, abuse, misuse, or Acts of God, and shall only be effective if the Product has been used, installed, and maintained in accordance with MaxLite’s written instructions.
5. The Warranty shall not apply to any Product which is used, installed, operated, or maintained in violation of any applicable standard, code, or instructions for use, including without limitation, those contained in the Standards for Safety of Underwriters Laboratory, Inc (UL); the National Electric Code (NEC); Standards for the American National Standards Institute (ANSI); or, in Canada, the Canadian Standards Association (CSA).
6. The Warranty does not cover any 3rd party devices or products used in conjunction with the Product unless they are purchased from or provided by MaxLite to be used specifically with the Product.
7. Repaired and/or replacement products are warranted by MaxLite for the remainder of the failed Product’s original Warranty Period.
8. The Warranty shall not apply to Products, parts, advice, assistance, or service which a) MaxLite furnishes as a courtesy or for no fee, and/or b) that are purchased and/or used outside of the United States or Canada.
9. In the event that LEDs fail to operate, such shall constitute a Product defect under the Warranty only if at least 15% of the LEDs per product have stopped illuminating.
10. The Warranty does not cover any cosmetic Product defects, including without limitation, damage to the painted Product finish or other finish or coating. Nor does the Warranty cover any lumen drop-off or CCT (color temperature) variations experienced by a Product.
11. Only an Officer of MaxLite, or a designee appointed in writing by an Officer of MaxLite is authorized to change, modify or extend the terms of this Warranty.
12. The Warranty and all matters connected with the performance thereof shall be construed, interpreted, applied and governed in all respects by the laws of the State of New Jersey in the United States of America. Any action, suit or proceeding arising out of or relating to this Limited Warranty and/or to the purchase of Products covered by this Limited Warranty, shall be venued exclusively in the State or Federal courts located within the State of New Jersey (U.S.A.).
13. To make a claim under the Warranty, customer must notify MaxLite (or MaxLite’s designee) in writing, during the Warranty Period, of the Product failure. All claims must be initiated using the warranty claim process found on MaxLite’s website.
14. Before providing Warranty coverage, MaxLite or its designee(s): (i) may require that you provide evidence of the purchase and/or installation date (e.g. a copy of original receipt/invoice, customer order number, etc.); and (ii) shall have the right but not the obligation to inspect the relevant project job site.
15. Warranty coverage is only available if the original purchaser is not in default or arrears on any portion of its payment obligations to MaxLite for the defective Product.

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 SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT 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.