

MaxLite® Universal 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.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.



Picture is for illustration purposes only.
Your model may vary.

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

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- 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.

CAUTION:

RISK OF FIRE

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

Models:

- RCFXYZZ@V

RCF = Product Family (Recessed Commercial Fixture)

X = Size (4 = 4", 6 = 6", 8 = 8")

YY = Wattage (09 = 9W, 13 = 13W, 18 = 18W, 22 = 22W)

ZZ = CCT (CS = CCT Selectable, 27 = 2700K, 30 = 3000K, 35 = 3500K, 40 = 4000K, 50 = 5000K)

@ = Trim Color (W = White)

V = CRI (Blank = CRI 80, C = CRI 90)

Input Rating: 120/277V 60 Hz

Operating Temperature: -4°F to 104°F (-20°C to 40°C)

Damp Location Rated

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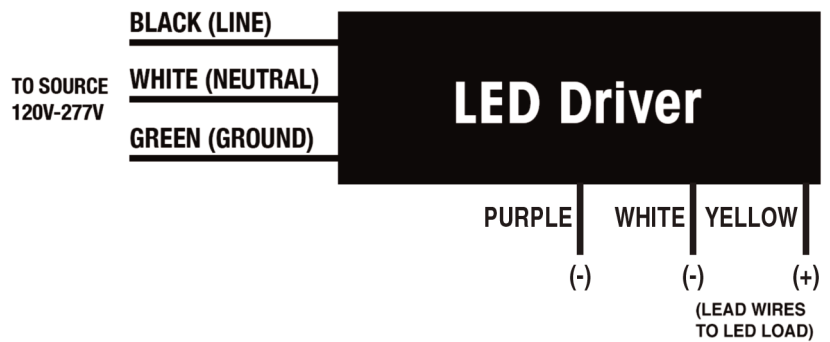


General Wiring Diagram

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

Input Rating: 120/277V 60 Hz

- Black = Line
- White = Neutral
- Green = Ground



Retrofit Installation

- 1.) Make sure the POWER IS TURNED OFF at the source to the recessed housing in which you are installing the product.
- 2.) Remove the existing lamps and trim (**Figure 1**)
- 3.) Attach the carabiner safety clip to the existing fixture housing (**Figure 2**)
- 4.) Open the J-box and cut away all wires connected to the ballast. Insert lamp conduit into the J-box and wire to power source (black to hot, white to neutral, green to ground) (**Figure 3**) Reattach J-box cover when done.
- 5.) Toggle the CCT Selector on the top of the unit to the desired color temperature (CCT) (**Figure 4**)
- 6.) Squeeze the two housing clips so they are in an upright position and insert lamp into housing (**Figure 5**)
- 7.) Once lamp is inside the housing, release the housing clips and continue pushing lamp into housing until securely fixed and flush with ceiling (**Figure 6.**) Completed retrofit shown in **Figure 7.**

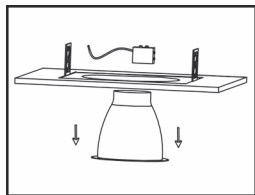


Fig. 1

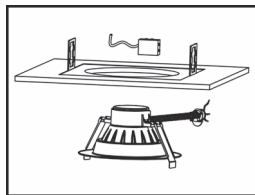


Fig. 2

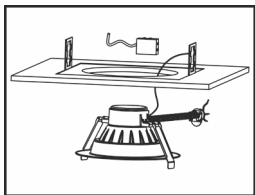


Fig. 3

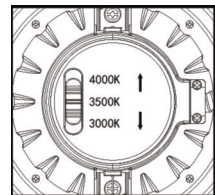


Fig. 4

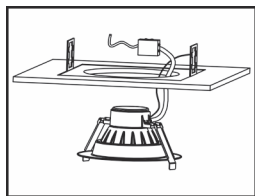


Fig. 5

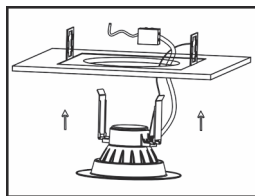


Fig. 6

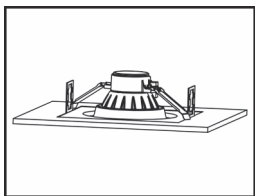


Fig. 7



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New Construction Installation

- 1.) Make sure the **POWER IS TURNED OFF** at the source to the recessed housing in which you are installing the product.
- 2.) Attach the carabiner safety clip to a structural support (**Figure 1**)
- 3.) Insert lamp conduit into the J-box and wire to power source (black to hot, white to neutral, green to ground) (**Figure 2**) Reattach J-box cover when done.
- 4.) Toggle the CCT Selector on the top of the unit to the desired color temperature (CCT) (**Figure 3**).
- 5.) Squeeze the two housing clips so they are in an upright position and insert lamp into housing (**Figure 4**)
- 6.) Once lamp is inside the housing, release the housing clips and continue pushing lamp into housing until securely fixed and flush with ceiling (**Figure 5**)

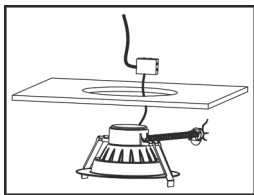


Fig. 1

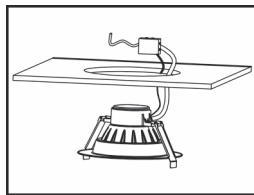


Fig. 2

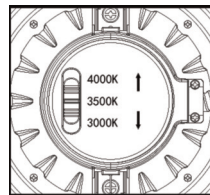


Fig. 3

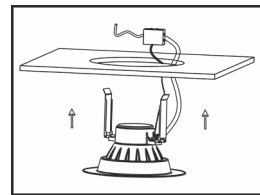


Fig. 4

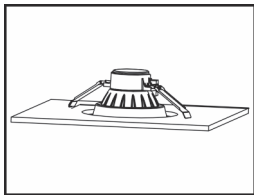


Fig. 5

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Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its 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 terms and conditions of our warranty.

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