

MaxLite® LED J-Box Downlight Fixture



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.

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:

- This fixture works under condition of 120V AC/60Hz power input and rated power lamp.
- 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.

Input Rating: 120V/60Hz

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

Wet Location Rated

Models:

RF408ICAT30W - 4" 7W IC Rated 3000K

RF408ICAT40W - 4" 7W IC Rated 4000K

RF408ICAT27WJ - 4" 7W IC Rated 2700K (JA8 Compliant)

RF610ICAT30W - 6" 9W IC Rated 3000K

RF610ICAT40W - 6" 9W IC Rated 4000K

RF610ICAT27WJ - 6" 9W IC Rated 2700K (JA8 Compliant)

MaxLite® LED J-Box Downlight Fixture

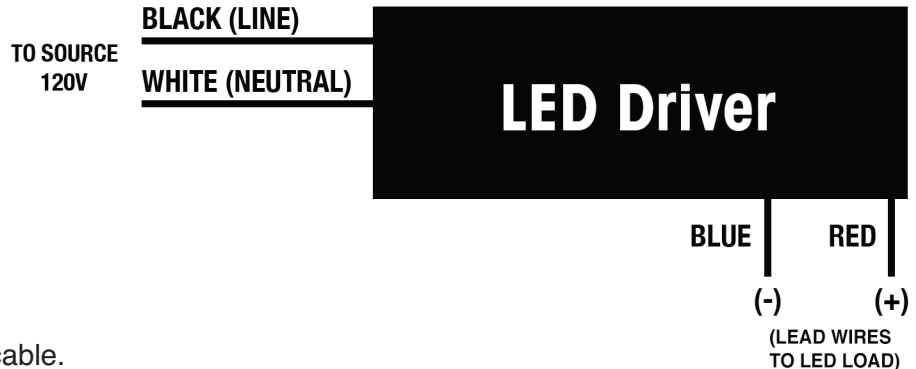


The units covered in this manual are intended to retrofit Type IC covered ceiling recessed luminaire with wiring marked “Max. 8 of 12 AWG conductors” with instructions to remove the existing trim and lamp holder bracket.

These products are intended to be used in dry, damp or wet locations. These fixtures can be paired with dimmers. Make sure the voltage matches the fixture rating.

General Wiring Diagram

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



Connecting panels to AC source supply:
All units must be individually connected to the AC supply. (120V)

- Black = Line
- White = Neutral

Cap unused ground wire from power supply cable.

Mounting Instructions

CAUTION: Before beginning, turn power OFF from the electrical panel before starting installation.

- 1.) Thermal radiation space and irradiation distance must be ensured. The height of the fixture should be no less than 100 mm (3.93”) (Figure 1).
- 2.) Locate a suitable position to place the downlight and cut a suitably sized hole for the fixture (Figure 2).
 - 4” Fixture: 4.25” <= Hole <= 5.25”
 - 6” Fixture: 5.5” <= Hole <= 7.0”
- 3.) Remove knock-out(s) carefully with a screw driver.
- 4.) Connect (push) electrical wires from electric box into the correct inserts using the provided connectors. Black (Line) - White (Neutral).
- 5.) Place wires back into the driver housing and snap the door back into place.
- 6.) Bend back the two torsion springs and fit the fixture into the hole in ceiling. Slowly release unit up to the ceiling and the springs will hold the fixture in place. (Figure 3).

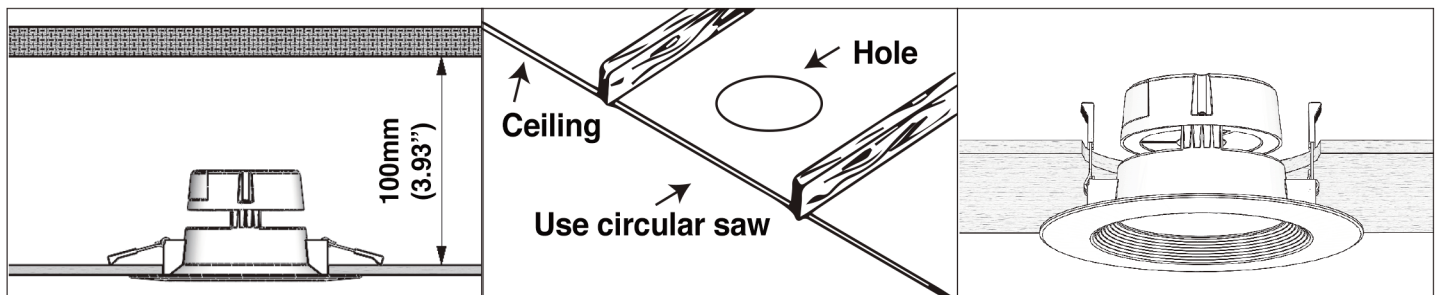


Figure 1

Figure 2

Figure 3

MaxLite® LED J-Box Downlight Fixture



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.

Limitation of Liability

THE FOREGOING 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, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, 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. 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 Limited 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, this limitation may not apply to you.