



**Light
Efficient
Design LED-
8000 Post
Top Retrofit
Lamp**



Light Efficient Design LED-8000 Post Top Retrofit Lamp Instruction Manual

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Light Efficient Design LED-8000 Post Top Retrofit Lamp



Product Specifications

- Model: LED-8075M345-FW
- Input Voltage: 120-277 VAC 50/60 Hz
- Lamp Compartment Holder: E39 or EX39
- Dimensions: 12(L) x 10(D)
- Luminaire: Enclosed or Open
- Orientation: Base Up, Down, or Horizontal

INSTRUCTIONS

PRIOR TO INSTALLATION, PLEASE READ THE ENTIRE INSTALLATION INSTRUCTIONS

- **CAUTION** – THESE RETROFIT LAMPS ARE DESIGNED TO OPERATE ON LINE VOLTAGE, BALLAST MUST BE BYPASSED. SUITABLE FOR USE IN DRY OR DAMP LOCATIONS.
- SUITABLE FOR USE IN ENCLOSED LUMINAIRES.
- NOT FOR EMERGENCY LIGHTING.
- NOT FOR USE IN ENVIRONMENTS WHERE EXPLOSIVE OR CORROSIVE GASES ARE PRESENT.
- DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.
- **WARNING** – RISK OF FIRE OR ELECTRIC SHOCK. LED RETROFIT KIT INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRES ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.
- **WARNING** – RISK OF FIRE OR ELECTRIC SHOCK. INSTALL THIS KIT ONLY IN LUMINAIRES THAT HAVE

THE CONSTRUCTION FEATURE AND DIMENSIONS SHOWN IN THE PHOTOGRAPHS AND/OR DRAWING AND WHERE THE INPUT RATING OF THE RETROFIT KIT DOES NOT EXCEED THE INPUT RATING OF THE LUMINAIRE.

- **WARNING** – TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- FOR INSTALLATIONS IN CANADA – THIS RETROFIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.
- LAMPS COME WITH A 5 YEAR WARRANTY AGAINST MANUFACTURING DEFECTS.
- THIS WARRANTY DOES NOT COVER PHYSICAL DAMAGE OR IMPROPER OPERATION.

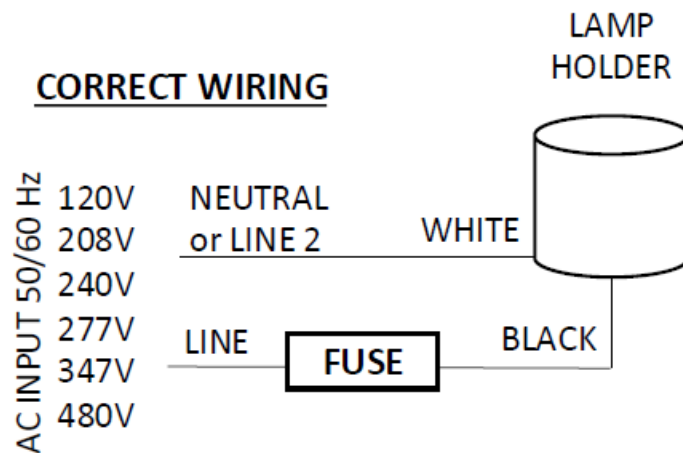
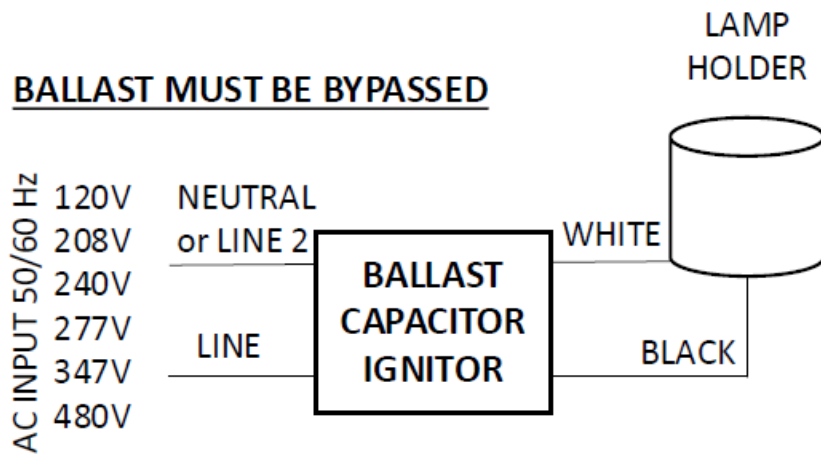
INSTALLATION REQUIREMENTS

| MODEL | INPUT VOLTAGE | LAMP HOLDER | MIN. LAMP COMPARTMENT DIMENSIONS | LUMINAIRE | ORIENTATION |
|---------------------|----------------------|-------------|----------------------------------|------------------|-----------------------------|
| LED-8075M345-F W | 120-277 VAC 50/60 Hz | E39 or EX39 | 12"(L) x 10"(D) | Enclosed or Open | Base Up, Down or Horizontal |
| LED-8075M345-F W-HV | 277-480 VAC 50/60 Hz | | | | |
| LED-8000M345-F W-MV | 208-347 VAC 50/60 Hz | | | | |
| LED-8000M345-F W-HV | 277-480 VAC 50/60 Hz | | | | |

INSTALLATION INSTRUCTIONS

1. Turn off power to the luminaire at switch and circuit breaker. Allow luminaire to cool before proceeding.
2. Ensure that the luminaire and electrical inputs meet the requirements in the table. The lamp may be installed in an open or enclosed fixture indoors, or an enclosed fixture outdoors. Please ensure that the lamp is protected from direct water spray and bugs.
3. If a ballast is present, it must be bypassed. If desired, it may be removed. Please refer to the wiring diagram. Disconnect or cut the wires to and from the ballast. Connect the line and neutral wires to the socket leads as shown in the wiring diagram. Product may be installed using two hot leads if a neutral is not available. Check that voltage meets the requirements. The included in-line fuse must be installed per the wiring diagram.
4. Select lamp light color and wattage by using the switches on the side of the lamp.
5. Inspect the lamp holder for arcing or corrosion and replace if damaged.
6. Screw the lamp into the lamp holder. Do not over-torque as this could cause damage.
7. Ensure that the socket is properly mounted and has adequate strength to support the lamp. Refer to support leg instructions for lamps not mounted vertically.
8. Attach safety cable to the lamp and luminaire see next page for more details.
9. Apply included label to the inside of the luminaire where it will be visible during re-lamping.
10. Turn on electrical power to the luminaire and verify proper operation.

WIRING DIAGRAM



IN-LINE FUSE

1. The included inline fuse must be installed per the wiring diagram.
2. If the fuse is blown check the installation before replacing. Replace the fuse with an 8A, 660V fast acting fuse.
The fuse size is 1/4" diameter by 1 1/4" long.

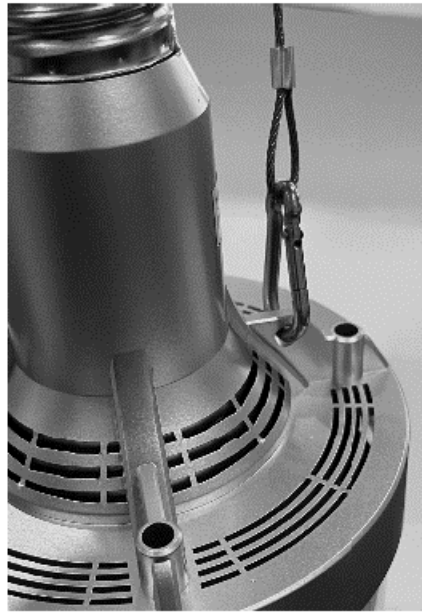


IN-LINE FUSE

SAFETY CABLE

1. The lamp must be secured by attaching safety cable to both the lamp and to the luminaire.

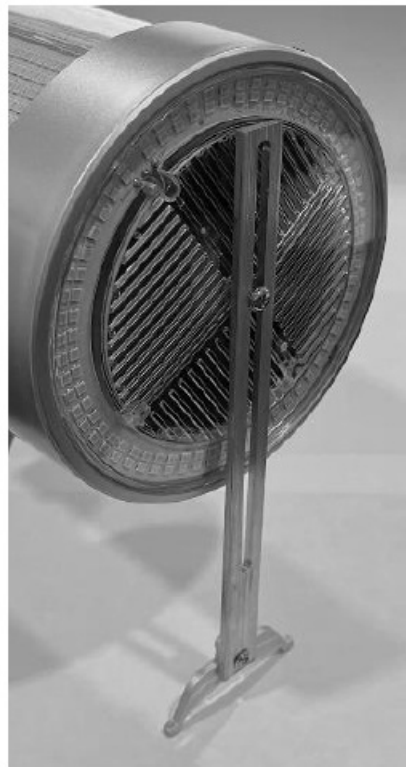
2. Loop the cable around a structural part of the luminaire and then attach to the lamp at the hole near the base.



**SAFETY CABLE ATTACHED
TO LAMP**

SUPPORT LEG

1. For applications where the lamp is not mounted vertically the support leg is used to align the device in the lamp holder.
2. Attached support leg on the top of the lamp using the screw located in the middle.



**SUPPORT LEG ATTACHED
TO LAMP**

- **LIGHT EFFICIENT DESIGN HEADQUARTERS** – 188 NORTHWEST HIGHWAY, CARY IL 60013
- **INNOVATION & MANUFACTURING CENTER** – 30 LOG BRIDGE RD, BUILDING 200, MIDDLETON MA 01969
- [847-380-3540](tel:847-380-3540)
- LED-LLC.com

FAQ

- **Q: What should I do if the lamp does not turn on after installation?**
 - A: Check the wiring connections and ensure that the power source is functioning correctly. Verify that all installation steps have been followed accurately.
- **Q: Can I use this product in outdoor settings?**
 - A: Yes, this product can be used in outdoor settings. Ensure proper weatherproofing and follow installation instructions for outdoor use.

Documents / Resources

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|--|--|
|  | <p>Light Efficient Design LED-8000 Post Top Retrofit Lamp [pdf] Instruction Manual LED-8075M345-FW, LED-8000M345-FW-HV, LED-8000M345-FW-MV, LED-8000 Post Top Retrofit Lamp, Post Top Retrofit Lamp, Retrofit Lamp</p> |
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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