Type B LED HID Lamp (277 to 480V) Installation Guide

BT56 (EX39)
LED50BTS6/#
LED70BTS6/#

BEFORE YOU BEGIN
Read these instructions completely and carefully. To avoid personal injury and/or product damage, all of the instructions below must be followed.

WARNING/AVERTISSEMENT

RISK OF FIRE OR ELECTRICAL SHOCK: LED retrofit kit installation requires knowledge of luminaire and electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Install this kit only in luminaires that have the construction features and dimensions shown in the drawings, and where the input rating of the retrofit kit does not exceed the input rating of the luminaire. Do not make or alter any open holes in an enclosure of wiring or electrical components. To prevent wiring or damage, do not expose wiring to edges of sheet metal or other sharp objects. Tickets should not disconnect existing wires from lamp holder terminals. We must cut exit and wires away from the lamp holder and make new exit connections to lamp holder and wires by using applicable connectors. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation. This lamp operates directly from 277-480 volts. Do not use with ballast or igniter. Do not connect to voltage higher than 480 volts. For LED50BTS6/#, install this kit in luminaires with a lamp compartment volume greater than 383 cubic inches, approximately 12 x 12 x 12.5 inches. For LED70BTS6/#, install this kit in luminaires with a lamp compartment volume greater than 1120 cubic inches, approximately 12 x 12 x 11 inches. Make sure that all fans and wires are connected to the proper wires and the wiring diagram. Ensure that the fixture is attached to lamp and luminaire per instructions. Do not use with dimmers.

CAUTION/ATTENTION

RISK OF FIRE OR ELECTRICAL SHOCK:
- Apply provided re-lamp warning sticker onto the fixture in a location clearly visible by the user during and after installation.
- Risk of Electrical Shock, Overheating or Lamp Damage:
- Check the condition of the EX39 socket in the fixture. If the socket shows signs of corrosion, arcing, or any other type of damage like the pictures below, replace the socket with a new one.

GOOD Socket

DAMAGED Socket

Note 1: Type B LED HID retrofit Lamp installation with HID Ballast / Ignitor / Capacitor or external LED driver voids the warranty.

Note 2: Type B LED HID retrofit Lamp installation with voltage above 480 VAC or dimmer voids the warranty.

Note 3: Replace fuse only with Type 5x20mm, 8A, 500Vac, Slow Blow, Part # 0477008MX from Littelfuse.

Note 4: Operation at high ambient temperature may reduce lamp life.

Remarque 1: L’installation de la lampe DHI a DEL de type B avec un ballast, un igniteur, un condensateur DHI ou un pilote à DEL, externe annule la garantie.

Remarque 2: L’installation d’une lampe DHI à DEL de type B avec une tension supérieure à 480 V cc ou avec un graderade à DEL externe annule la garantie.

Remarque 3: Utiliser uniquement des fusibles de remplacement de type 5 x 20 mm, 8A, à 500 V cc, à action retardée, Littelfuse, numéro de pièce 0477008MX.

Remarque 4: Le fonctionnement à haute température ambiante peut réduire la durée de vie de la lampe.

Save These Instructions
Use only in the manner intended by the manufacturer. Not for use in emergency light fixtures or exit signs. If you have any questions, contact the manufacturer at 1-800-327-0097.

Veillez conserver ces instructions
Utilisez uniquement de la manière recommandée par le fabricant. Ne pas utiliser dans des luminaires d'urgence ou des enceintes de sortir. Pour toute question, communiquez avec le fabricant au 1 800 327-0097.

Parts List:
- 1 LED lamp with the tether kit
- 1 fuse kit
- 1 re-lamp warning label shown in the picture below
- Horizontal orientation support accessory

CAUTION / ATTENTION / PRECAUCIÓN: This luminaire has been modified to operate LED lamps. Do not attempt to install or operate LED lamps in this luminaire. Use only GE LED270BTS6/#, LED50BTS6/# or LED70BTS6/#. Replace fuse with type 5x20mm, 8A, 500Volt slow-blow fuse. Littelfuse 0477008MX or equivalent. Luminaire has been modified for the use of lamps to 480V. Do not attempt to install or operate lamps in this luminaire.

RES: PK-001000S1-2
WWW.DELighting.com
Tools required:
- Screwdriver
- Wire stripper/cutter
- UL listed wire nuts or connectors

Installation instruction:

1) Turn off the power to the fixture.

2) Remove existing HID lamp from the fixture.

3) Open the fixture's junction box and bypass the HID ballast, igniter (if there) and the capacitor (if there) by disconnecting the line and neutral wires and socket block and white wires in the locations with "CROSS" marks in the schematic diagram on the right.

4) Connect the line to the black wire from the socket and the neutral to the white wire from the socket with UL listed wire nuts or connectors. The fuse kit in the package should be installed on the line as shown in the schematic diagram below.

5) Close the fixture's junction box. Clean the area before applying the re-lamp warning label to a visible location on the fixture.

For open fixture and fixture with wire cage

6) Install GE HID LED retrofit lamp into the socket. Loop the wire of the tether around a load bearing building structure, then insert and lock the wire into the other end of the locker. Minimize the length of the wire attached to the lamp. Zip tie extra loose wire if necessary.

**WARNING/AVERTISSEMENT**

RISK OF FIRE OR ELECTRICAL SHOCK:
- Install provided tether kit.
- Follow step 1 to step 4 on the right to lock the tether wire to the locker.
- Only use the tether provided by GE. If tether is not long enough for your installation, please call GE at 1-800-338-4999 for a longer tether kit.

RISQUE D'INCENDIE OU DE DÉCHARGE ÉLECTRIQUE:
- Installer la trousse de câbles d'attache fournie.
- Suivre les étapes 1 à 4 à droite pour verrouiller le câble d'attache au casier.
- Utiliser uniquement le câble d'attache fourni par GE. Si le câble d'attache n'est pas assez long pour votre installation, veuillez appeler GE au 1 800 338-4999 pour obtenir une trousse de câbles d'attache plus longs.

For enclosed fixture

6) Tether kit is optional for enclosed fixture applications. If using, please refer to the instruction for open fixture and check for no impact on secured closing of fixture door. If not using please remove the tether kit. Install GE HID LED retrofit lamp into the socket and close the fixture.

7) Turn on the power to the fixture.
Horizontal Orientation Support Accessory

Assembly

Part List

• Clear Polycarbonate Frame
• 4 Snap Clips to attach the lamp

X 1

• Aluminum Slider Block

X 2

• Thumb Screw

X 2

• Aluminum Support Leg

X 2

• White Silicone Rubber Feet

Package

X 1

X 2

RES: PK-00100051-2
Horizontal Support Accessory for BT56 Lamp Application

Typical Application

Adjust leg length as needed for horizontal support

The leg can be shortened by snapping off unneeded sections at the score line. (Recommend installing silicon rubber feet to score end to avoid sharp edges.)

Typical Floodlight or Wall Wash Horizontal application

Adjust leg length to suit contour of fixture

Typical Horizontal Downlight or Shoebox application

Adjust leg length to suit contour of fixture

RES: PK-001000S1-2