

## LED LTT INSTALLATION GUIDE - WARNING

**WARNING** - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code.

**WARNING** - Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**WARNING** - Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.



## Specifications

Item	-	39665A
Model	-	LED10LTT/5CCT/BP/SS 2G11
Bulb Type	-	LED TYPE B
Bulb Shape	-	LTT
Base	-	2G11
Watts	-	10
Input Voltage	-	120-277VAC 50/60Hz
Lumens	-	1180-1200-1250-1250-1250
Kelvin	-	3000-3500-4000-5000-6500 Selectable
CRI	-	>80
Beam Angle	-	140°
Dimmable	-	No
Average Life Hours	-	50,000
Ambient Operating Temp.	-	-4°F~ 113°F (-20°C~45°C)
Length	-	12.47" (316.7 mm)
Width	-	1.7" (43.2 mm)
Height	-	0.92" (23.4 mm)
Locating Rating	-	Suitable for Dry/Damp Locations
Enclosed Rated	-	Yes

- Disconnect power at the source before installation, inspection, or removal. Do not simply switch off fixture.
- This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.
- Not intended for use with emergency exit fixtures or emergency exit lights.
- Not for use with a luminaire ballast.
- Do not use if product is damaged.
- This lamp is non-dimmable. Not for use with dimmers.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- "This luminaire has been modified to operate LED lamps" shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including re-lamping.
- Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.
- Installers should not disconnect existing wires from lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors.
- SUITABLE FOR DAMP LOCATIONS. Not for use where directly exposed to the weather or water.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- No external weight or mechanical force should be applied to tube or components.
- THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.
- EXAMINE LUMINAIRE FOR DAMAGE BEFORE INSTALLING LED LAMP. IF LAMP HOLDERS OR OTHER PARTS ARE VISIBLY DAMAGED CONTACT A SERVICE PERSON.
- TYPE B LAMP – Intended for operation in luminaires with traditional fluorescent-type lampholders wired directly to the branch circuit. This includes both factory-wired luminaires as well as those converted for this purpose under a retrofit program.



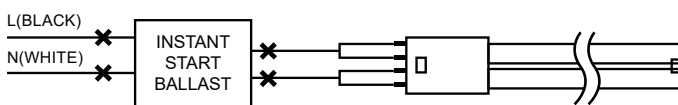
- Model 39665A is intended to retrofit surface-mounted, listed fluorescent luminaires with a maximum of two lamps, with or without a diffuser. The minimum dimensions of these luminaires are provided in the following table:

Model Number		39665A
Lamp compartment of luminaire, overall dimensions (in)	Length	17.3
	Width	5.5
	Height	3.9
Maximum Lamps in Luminaire		2
Lampholder-to-Lampholder Spacing (in)		0.4

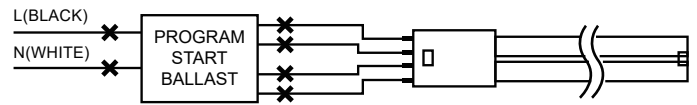
## LED LTT INSTALLATION GUIDE - INSTALLATION STEPS

- 1) Read all WARNINGS before continuing this section.
- 2) Move the switch to desired CCT. The CCT should not be adjusted while powered on.
- 3) Make sure POWER IS TURNED OFF at the source to the location at which you are installing the product.
- 4) Remove lens, cover, and fluorescent tubes. Cut away all wires connecting the ballast.
- 5) Follow wiring diagrams for number of lamps and original ballast type.
- 6) Visibly affix the "Modified Luminaire Sticker" to the fixture and reinstall housing cover and lens if applicable.
- 7) Return power back to the source and installation is complete.

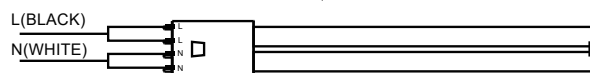
### 1 LAMP



**Cut all wires connected to the ballast, remove the ballast**

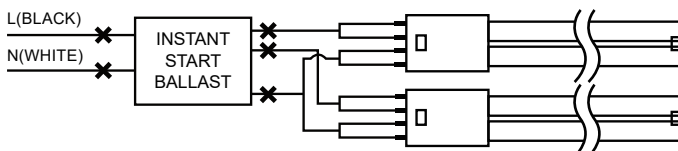


**Cut all wires connected to the ballast, remove the ballast**

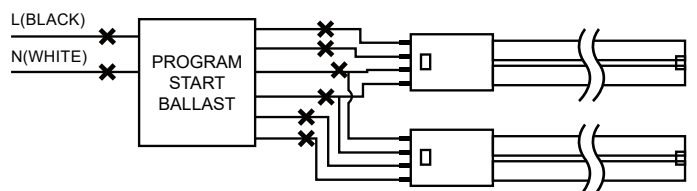


**Rewire the fixture according to the wiring configuration**

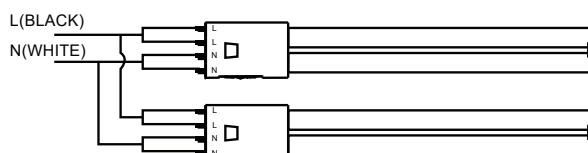
### 2 LAMPS



**Cut all wires connected to the ballast, remove the ballast**



**Cut all wires connected to the ballast, remove the ballast**



**Rewire the fixture according to the wiring configuration**