

LED TONE-SELECT™ CFL - DIRECT WIRE

INSTALL INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the lamps.

FOLLOW ALL SAFETY INSTRUCTIONS

DANGER - Risk of Shock: Disconnect power before 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. Product must be installed in accordance with the National Electrical Code or your local electrical code. If you are not familiar with these codes and requirements, contact a qualified electrician.

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 and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

WARNING - Risk of fire or electric shock: Luminaire wiring and electrical parts may be damaged when installing of retrofit kit hardware. Check for enclosed wiring and components.

WARNING - Risk of fire or electric shock: Check the existing wiring for damage before installing upgrade kit.

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

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation. Do not install if existing wires are damaged.

THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.

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 wire by employing applicable connectors.

"This luminaire has been modified and can no longer operate the originally intended lamp," shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including lamping.

This product is intended to retrofit Type IC or non-IC recessed mount Listed luminaires with instructions to remove the existing trim. The minimum dimensions of luminaires are tabulated in the table below:

Suitable for damp locations.

Suitable for use in totally enclosed recessed fixtures.

Do not use with dimmers

This device is not intended for use with emergency exits or for emergency lighting.

Minimum Dimensions		
Luminaire overall dimensions	Diameter (inches)	8.7"
	Height (inches)	3.9"
Maximum Lamps in Luminaire		2
Lamp-to-Lamp Spacing (inches)		2"



WARNING - RISK OF ELECTRICAL SHOCK - TURN OFF MAIN POWER SWITCH BEFORE INSPECTION, INSTALLATION OR REMOVAL.

Direct Wire (ballast bypass) instructions for G24q base lamps.

Make sure circuit breaker that supplies power to the fixture is turned off.

Remove the trim and existing lamp(s) from recessed fixture. Drop the housing from the plaster frame.

Remove inner junction box cover and disconnect the ballast from input wiring and lampholder leads. Dispose of the removed ballast and lamps in accordance with government regulations in your area

Connect the input wiring to the lampholder leads according to the appropriate diagrams to the right. Place the wires and connections back in the wiring box and replace the cover.

Reinstall the housing and trim.

Install your new LED lamp(s). Rotate into desired position. Using dip switches, adjust color to desired temperature/CCT (see table on Page 2).

Apply re-lamping Label on a visible location inside the fixture. **THIS LUMINAIRE HAS BEEN MODIFIED AND CAN NO LONGER OPERATE THE ORIGINALLY INTENDED LAMP.**

Turn the power on at the breaker box and turn on the lights.

General Wiring Diagrams on next page ...

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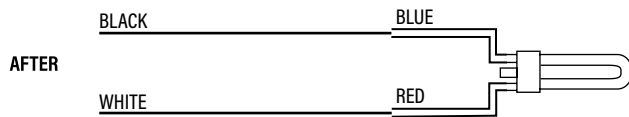
INSTALL INSTRUCTIONS



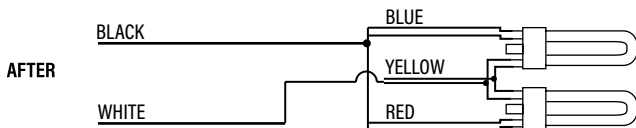
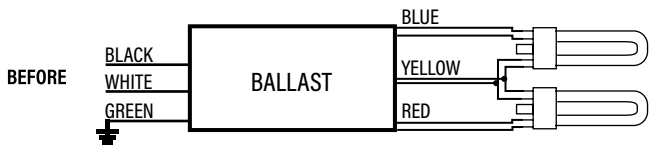
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GENERAL WIRING DIAGRAMS

RETROFIT WITH 1 LAMP



RETROFIT WITH 2 LAMPS



Call 1-800-323-8107 for relamping information.

CCT DIP SWITCH SETTINGS

CCT	Switch 1	Switch 2	Switch 3
2700K	--		ON
3000K	--	ON	--
3500K	--	ON	ON
4000K	ON	--	--
5000K	ON	--	ON

TOP VIEW

