

This quick reference guide walks you through the quick and easy installation of Cree's new ZR-RK Retrofit Kit. With just 4 parts, the fewest in the industry, the ZR-RK Retrofit Kit installs in 4 minutes or less once the original troffer components are removed.

### REMOVAL OF EXISTING LIGHT ENGINE



Disconnect the power to the light fixture you're replacing.



Remove the existing fluorescent parts from the pan, including the prismatic or parabolic lens, door, fluorescent tubes and cover. Removal of the lamp holders is optional.



Cut the power wires going into the input side of the ballast. The ballast may remain in place, unless it needs to be removed for extra clearance or local code compliance.



You're now ready to begin installation of the ZR-RK Retrofit Kit.

### INSTALLATION OF ZR-RK RETROFIT KIT

**NOTE:** Bring the sliding end cap with you while installing the retrofit kit. The sliding end cap has a belt hook feature for easy access.



Bring the retrofit main assembly into the existing troffer pan at an angle. Insert the corner of the main assembly into the corner between the existing pan and the T-Grid ceiling.



Then slide the other end of the main assembly into the existing troffer pan. Gently push the full main assembly up into the pan, making sure the end cap is flush with the ceiling grid and there are no gaps.



While holding on to the retrofit main assembly, insert the corner of the end cap into the corner of the existing troffer pan and the T-Grid Ceiling assembly.



Attach the sliding end cap over the retrofit main assembly bracket. Then slide the other end of the sliding end cap into place, ensuring there are no gaps.

## INSTALLATION OF ZR-RK RETROFIT KIT



Now you're ready to make the electrical connections.

1. First, connect the black fixture lead to the voltage supply line position.
2. Then connect the white fixture lead to the neutral supply position.
3. Connect the green ground lead to the incoming ground lead from the conduit or screw the green ground lead to the existing troffer pan if the safety ground is made through the pan on the existing troffer.
4. If 0/1-10V dimming is used, connect the violet lead to the supply positive dimming lead. If dimming is not being used, ensure to cap off the violet lead.
5. If 0/1-10V dimming is used, connect the grey lead to the supply negative dimming lead. If dimming is not being used, ensure to cap off the grey lead.



Attach one end of each safety cable to the top of the existing troffer pan using the supplied self-drilling screws.



To avoid pinching, make sure the wires are tucked on top of the main assembly and that no wires are exposed.



Bring the retrofit side panel up to the existing troffer pan and connect the ground wire on the back of the side panel retrofit main assembly. Then snap it into the supplied space.



Insert the edge of the side panel opposite the latches between the existing troffer panel and the T-Grid Assembly. Then insert the other side to the top of the main assembly by engaging the 2 latches on the side panel into the slots provided.



Secure the latches, ensuring they've made a proper connection.



Remove the plastic LED protection cover and discard.



Install the lens over the LEDs, inserting the lens' flat edges over the sides of the bracket, pushing the middle of the lens.



Safely turn the main power back on at the circuit breaker and turn on the ZR-RK at the light switch. Your installation is now complete.