



Installation Instruction for The Retro (E26/E11 with or w/o lamp adapter)

DO NOT USE WHERE DIRECTLY EXPOSED TO WATER OR WEATHER. FOR USE IN TOTALLY ENCLOSED RECESSED LUMINAIRES.

CAUTION: Risk of Electric Shock- Turn off power before inspection, installation, or removal. Has been evaluated for Portable Luminaires, Surface Mount Wall and Ceiling Luminaires, Theatrical Fresnel's. Suitable for use with Forward Phase/ Reverse Phase Dimmers. Do NOT Open- by opening the fixture without a factory authorized technician will void the warranty. This device is not intended for use with emergency exit fixtures or emergency exit lights. Added weight of the device may cause instability of a free-standing portable luminaire.

Compatible with dimmer switches as well as most commercial/theatrical grade dimmers. For complete details on our warranty and dimmer compatibility please visit www.rledlighting.com.

Call 1-866-282-8382 to address issues with LED retrofits under warranty.

Unpack LED Retro engine.

Make a visual inspection that nothing has been damaged in shipping. If the unit looks like it has been damaged in shipping, please contact 1-866-282-8382 to address these issues.

(If using Lamp adapter, please screw on lamp adapter to the E26/E27 lamp base at the top of the lamp engine.)

Take the lamp engine and screw it into the existing socket.

Take the ground/safety cable that is dangling from the LED engine. On the end of the cable there will be a crimped o ring connector at the end as well as a provided self tapping sheet metal screw. Take a power drill with a #2 Philips head screw bit and drill the self tapping screw into a desired part of the fixture.

Once the light engine is installed in the fixture, remove the optics from its container and attach to the white optics holder at the front of the LED assembly. It is recommended that the optics are the last item that is installed at the optics are sensitive and can break, if handled improperly.

When the LED light engine is installed in the fixture, apply power to the lamp to insure a good connection with the existing lamp socket. DO NOT LOOK DIRECTLY INTO THE LED WHEN IT IS POWERED ON. By looking at the LED while powered on could cause temporary blindness/ permanent eye damage.

Check to make sure that the fan is indeed spinning in order to prevent the LED from overheating.

DO NOT TOUCH THE YELLOW LED. By touching the LED, you can cause damage to the LED and therefore void the warranty of the product.

Installation Instruction for The Retro (PAR 56/64 Lamp Replacement with Bare Ends wiring)

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Compatible with dimmer switches as well as most commercial/theatrical grade dimmers. For complete details on our warranty and dimmer compatibility please visit www.rledlighting.com.

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Please contact factory for details on installation as the each fixture we have found is different and may require a custom method of adaption every time.

When LED Engine is installed into the fixture, take the bare ends wires at the top of the LED Engine and connect the supplied Wago Connectors.

Remove the existing porcelain lamp socket by using a pair of wire cutters. Please insure that power is off to the fixture housing before performing this step.

Once the porcelain is removed, using a pair of wire strippers, strip back the existing wires no more than ¼" of exposed wire.

Take the exposed wire from the existing wire tails in the fixture and connect the Hot/Load wire (Black in USA) to the black wire coming out of The RETRO. Do the same for the Neutral wire. If The Retro PAR56/64 Adapter plate is attaching to a metal housing, there will be no need to connect the provided ground wire. If there is not metal housing, take the ground/safety cable that is dangling from the LED engine. On the end of the cable there will be a crimped o ring connector at the end as well as a provided self tapping sheet metal screw. Take a power drill with a #2 Philips head screw bit and drill the self tapping screw into a desired part of the fixture.

Once the light engine is installed in the fixture, remove the optics from its container and attach to the white optics holder at the front of the LED assembly. It is recommended that the optics are the last item that is installed at the optics are sensitive and can break, if handled improperly.

When the LED light engine is installed in the fixture, apply power to the lamp to insure a good connection with the existing lamp socket. **DO NOT LOOK DIRECTLY INTO THE LED WHEN IT IS POWERED ON.** By looking at the LED while powered on could cause temporary blindness/ permanent eye damage.

Check to make sure that the fan is indeed spinning in order to prevent the LED from overheating.

DO NOT TOUCH THE YELLOW LED. By touching the LED, you can cause damage to the LED and therefore void the warranty of the product.

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For more information, please call us at 1.866.282.8382 or visit www.rledlighting.com at 1.888.252.5912 or visit www.cantousa.com

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