

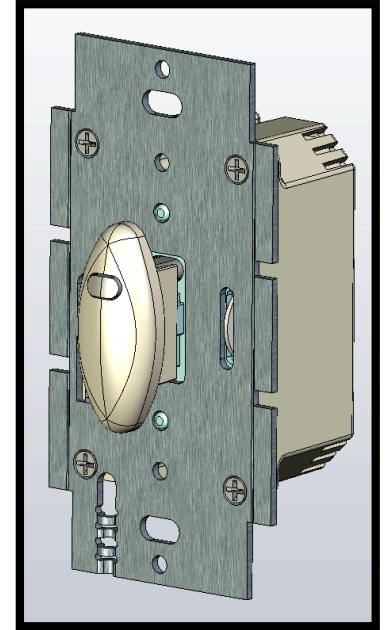
I. Before You Begin...

Thank you for your purchase of the Power-Save universal dimming device. Model UCD-01 is compatible with all fluorescent lights up to a 300W total load.

Please read the warnings below before attempting to install your UCD-01.

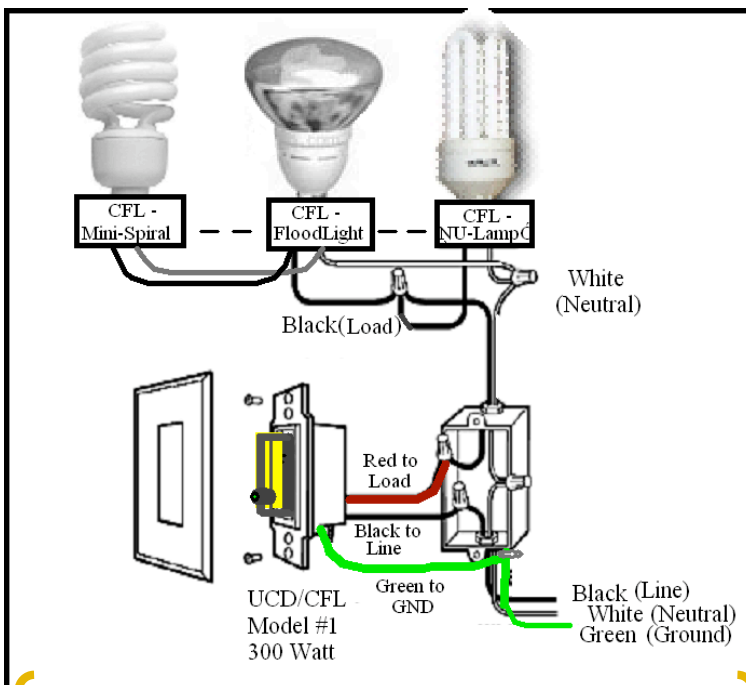
Warnings:

- To be installed and used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- To avoid overheating and possible damage to this device and other equipment, use only as instructed.
- Use only one (1) dimmer per lighting load and do not exceed a total load of 300 Watts.



II. Installation

The following procedure verifies proper installation and operation of the Power-Save UCD-01.



Connect wires per **WIRING DIAGRAM** shown above. Make sure that the **“RED”** wire from the dimmer is connected to the **“BLACK (LOAD)”** wire which runs to the lamps and **NOT** the **“BLACK (LINE)”** wire.

Warnings:

To avoid fire, shock, or death; **TURN OFF POWER** at the circuit breaker or fuse and test that power is **“OFF”** before wiring

1. Removing existing switch: Unscrew existing wall plate and switch mounting screws. Carefully pull switch from wall box. Inspect wiring from wall box and compare to the image on the left. Insure black, white, and green wires are present. Afterwards, disconnect wires from existing switch screw terminals or quick wire slots and completely remove existing switch.

2. Preparing installation: Pull off pre-cut insulation from the UCD-01 leads. Make sure that the ends of the wires from the wall box are straight. Remove 5/8” of insulation from each wire.

3. Install/Wiring Power-Save Unit:

a). Connect **“BLACK”** wire from the UCD-01 to the

“Black - Line” wire of the wall box.

b). Connect **“RED”** wire from the UCD-01 to the **“Black - Load”** wire of the wall box.

c). Connect **“GREEN”** wire from the UCD-01 to the bare copper or **“GREEN”** ground wire of the wall box.

III. Reference Guide

Model UCD-01 is designed to control lighting loads, and incorporates two control actuators and adjustment pot.

- (1) Power Switch: Push "ON" / Push "OFF" AC Power Switch
- (2) Momentary Switch: Push Momentary Switch to adjust light intensity level
- (3) Potentiometer: Rotate Potentiometer to preset minimum light intensity level

IV. Operation

1. Turn the UCD-01 "ON" by pushing the power switch (**Switch 1**). The load will start slowly increasing in brightness until it reaches 100% (10-12 seconds). Please consult manufacturer for warm-up time.

2. Pushing the momentary switch (**Switch 2**) changes the light intensity. The switch can be pushed in 1-2 second intervals up to 8 times. The 8th press will set the light intensity to the minimum setting (see the note 3 below). The next 8 presses will increase the intensity back to maximum.

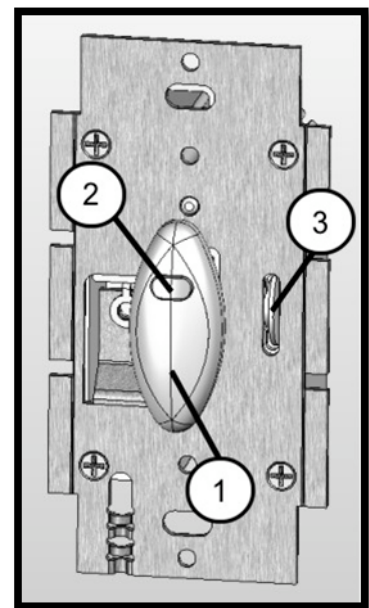
The momentary switch may also be held down to cycle intensity quicker. Note, once at the lowest or highest setting, the switch must be released and held down again to cycle intensity back the other way.

3. Use the potentiometer to set the total decrease in intensity. The default setting will handle most lights, but due to different setups and preferences it may need to be adjusted. If bulbs flicker, the UCD is set too low and must be set to a higher level.

4. Turn the UCD "OFF" by pushing the power switch again. The UCD must be allowed 10-12 seconds after shut down to discharge before it is turned "ON" again.

Note:

The UCD-01 has capability of controlling resistive, inductive and/or capacitive loads, ETL/Intertek testing pending.



5. Successful completion of this procedure ensures proper functioning of the UCD device.