# PowPakm | Installation

# Dimming Module with EcoSystem®

### Part of the Energi TriPak<sub>TM</sub> Family

RMJ-ECO32-DV-B 120/277 V $\sim\,$  50/60 Hz 40 mA EcoSystem<sub>®</sub>: 18 V== 125 mA

### Important Notes: Please read before installing.

- For installation by a qualified electrician in accordance with all local and
- national electrical codes
- Note: Use copper conductors only. • Check to see that the device type and rating is suitable for the application.
- **DO NOT** install if product has any visible damage
- If moisture or condensation is evident, allow the product to dry completely before installation
- Operate between 32 °F (0 °C) and 104 °F (40 °C).
- 0% to 90% humidity, non-condensing.
- For indoor use only

۲



All Wireless Transmitters must be installed within 30 ft (10 m) of the PowPak™ Dimming Module.



LUTRON & Lutron Electronics Co., Inc. 7200 Suter Road | Coopersburg PA, 18036-1299

# Required Components For each system ensure you have:

One PowPak<sub>TM</sub> Dimming Module.

041-303 Rev. A 06/2011



### At least one Wireless Transmitter. or greater LUTTRON Code can be found on battery tray Õ 0 **Radio Powr Savr**<sup>TM</sup> **Pico® Wireless Occupancy Sensor** Transmitter

(6 maximum) Start Here (For programming see reverse) Mount, wire and install EcoSystem® Install PowPakm 2 devices and lighting fixtures **Dimming Module** Connect power wiring (hot, neutral, ground) to each fixture. Connect bus cable (E1 and E2) to each fixture. Once complete, energize power to all fixtures, they should wire the module as shown. turn on to full brightness. If fixtures do not go to full brightness, check wiring and consult ballast installation guide Install in center of room. Typical NEU N/C HOT **EcoSystem**® ballast shown ballasts will return to high-end. Fo additional EcoSystem® ballasts or modules Associate Wireless Transmitters to PowPak™ Dimming Module 3 Before beginning this step, make sure that there are no other PowPak™ modules being set up within the same building. It is possible that wireless transmitters from other systems can be incorrectly associated to this system A Hold All On "O" for 6 seconds on PowPak

**Dimming Module** TTE Test until ballasts flash. O Test Hold All On "O" for 6 seconds on PowPak  $(\mathbf{C})$ Dimming Module to save association. Default: All Wireless Transmitters control all EcoSystem® devices. Troubleshooting Ballasts cannot be If only certain fixtures should be controlled by the Daylight Sensor, skip this step and see steps 7 and 11 on reverse

Set lights in room to desired light level.

O

0

- **B** Press & hold "Cal." for 6 seconds.
- $(\mathbf{C})$ Exit room for 5 minutes for calibration to complete.

Daylight calibration

5



 $( \bullet )$ 

۲



In large rooms such as conference control of some fixtures, such as

are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio fre-quency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

trademarks and PowPak, Radio Powr Savr, Energi TriPak and ClearConnect are trademarks of Lutron Electronics Co. Inc. ©2011 Lutron Electronics Co., Inc.