Introducing PathWave — an EnOcean-based wireless lighting control system that lets you remotely power on/off or dim any* of Pathway Lighting’s fixtures that use 0-10V dimming.

PathWave Advanced Features and Benefits:

Two-way Wireless Communication
A fixture-based relay communicates wirelessly with an occupancy sensor, one or more rocker switches, or both. The relay receives dimming control commands, which it then translates into 0-10V analog dimming signals for the LED driver.

Benefit
Wirelessly controls virtually any fixture that uses 0-10V dimming LED driver, without the added labor and material costs associated with additional wiring.

Self-powered Rocker Switch
Low-profile single or double rocker switch provides wireless control, and requires no electricity or battery power, to remotely power on/off or dim lighting in any space.

Benefit
No additional power required means reduced operating costs and a more environmentally friendly solution. Wireless technology enables mounting or storing the switch wherever convenient.

Easy On-site System Set Up
Associate one or more rocker switches to a single fixture or a group of fixtures, establish fixture groupings, or set up system parameters, using a PC and an optional USB programming dongle with the PathWave Software Application.

Benefit
System set up is easy and takes minutes to complete. It is future-proof – should changes in the way the space is used in the future require new fixture groupings, or new switches need to be added, the system can be reprogrammed at any time – all without the need for fixture rewiring, running additional wires or disrupting occupancy.

*The following fixtures are not available with PathWave:
Wall Cylinders, 4IC Series, 6IC Series, A4 Series and A6 Series.
PathWave relay will be located in the canopy for Cylinder and Solerio products.
Save Energy While Boosting Workplace Satisfaction and Productivity

Studies show that the use of wireless lighting controls and occupancy sensors can help reduce lighting energy consumption by 30-45%.

It has been demonstrated that providing personal control that allows individuals to establish their preferred light level in their workspace can result in higher job satisfaction and productivity.

PathWave can help make spaces easier to use and your occupants more productive – at a touch of a button – all while reducing operating and turnover costs and saving energy.

Sources:
+Lighting Controls Association; Lawrence Berkeley National Laboratory;
Seattle Lighting Design Lab and California Energy Commission
++Lighting Controls Association

PathWave is Available with the Following Fixture Types:

- Round Downlights, Adjustable Accents and Wall Wash
- Square Downlights, Adjustable Accents and Wall Wash
- Surface- and Pendant-mounted Cylinders
- Decorative Pendants
PathWave can be configured in a number of ways, including:

1. **One PathWave relay is installed in a group of fixtures**
   
   **Benefit:**
   
   Allows for simultaneous control of all fixtures and lower system costs.

   - **Unswitched AC Power** → Fixture with PathWave
   - Switched Power
   - 0-10V dimming
   - ...  

   Facility managers or individual users can set up one or up to a maximum combined total of 30 rocker switches and occupancy sensors to control the fixtures in this configuration.

   †Maximum total number of fixtures allowed in this setup is 12. Please see product manual for details.

2. **One PathWave relay is installed in each fixture**
   
   **Benefit:**
   
   Enables independent on/off and dimming control of each fixture.

   - **Unswitched AC Power** → Fixture with PathWave
   - Switched Power
   - 0-10V dimming

   Facility managers or individual users can control the fixtures in this configuration in many ways, including:
   - using a single rocker switch to control all fixtures
   - using a separate rocker switch for each fixture
   - using multiple rocker switches to control each fixture
   - using multiple rocker switches to control one or more fixture groups
PathWave System Components:

PathWave Relay
PWV

Single Rocker Switch
PWVRS1

Wall-mounted Wireless and Solar-Powered Passive Infrared (PIR) Occupancy Sensor
PWVOSW

Ceiling-mounted Wireless and Solar-Powered PIR Occupancy Sensor
PWVOSC

Double Rocker Switch
PWVRS2
Learn More

Our knowledgeable team is always ready to help.

For technical support, assistance with your PathWave order, or to receive information regarding system start-up support, process and rates, please contact Pathway Lighting.

For complete technical and ordering information, see PathWave specification sheet and user manual available online.

Suitable Applications

Classrooms and Lecture Halls
Common Rooms
Conference Rooms
Corporate Meeting and Event Spaces
Open and Private Offices
Patient Rooms and Healthcare