

Simply for Everyone



PEERLESS

**SIMPLY5**<sup>TM</sup>  
LIGHTING INTELLIGENCE

## Frequently Asked Questions

### 1. Is the SIMPLY5 system a DALI system? If not, how is it different?

The SIMPLY5 system is not DALI. While it shares many of the wiring characteristics and installation benefits of a DALI system, SIMPLY5 is a much simpler solution that is optimized for the real-world requirements of most buildings. Because SIMPLY5 is a zone-based rather than ballast-based and incorporates plug-and-play and adaptive technologies, no additional training is required for the contractor to install or commission it.

### 2. What fixtures are compatible with SIMPLY5?

Initially, only RT5 and Avante T5 will be offered with the SIMPLY5 system. Since these fixtures are the most effective Lithonia Lighting offers for office and classroom lighting, they are the most logical choice for a new holistic lighting solution optimized for energy efficiency and load management.

Not too long after the initial SIMPLY5 public launch, we will add both Peerless® and Gotham® products. Please refer to SIMPLY5.net for updates on these and new products available.

### 3. Do I have to use RELOC® modular wiring with SIMPLY5 technology?

No, but the RELOC modular wiring makes the entire system more flexible, easier to install and maintain, and prevents most wiring errors. Due to these significant advantages, we have made RELOC wiring the standard SIMPLY5 configuration and are offering it with an extended three-year warranty on all control and wiring components. A hard-wired (non-RELOC) version is available for all products with a standard one-year warranty and can be ordered with the HW option.

### 4. SIMPLY5 Fixtures offer the Osram Sylvania smart ballast technology. How many levels of step dimming are available on these fixtures?

The SIMPLY5 system offers occupants seven dimming steps from 100% to 3%. Although SIMPLY5 technology provides seven-step dimming to the occupants, photocell and load shed controls incorporate more steps for unobtrusive automatic adjustments. Specifications for the input power and light output for each level are available on the SIMPLY5 ballast specification sheets.

### 5. Will I be able to use SIMPLY5 with my existing fixtures?

Yes, you can add either the S5JBS (for indoor lighting) or S5JBO (for outdoor lighting) versions of the intelligent junction box, which include a switchable output, for control of the existing fixtures. Since the existing fixtures are not optimized for SIMPLY5, they will be limited to on/off switching only.

### 6. How do I set the light level for the wall station within the space?

The wall station incorporates a large on/off paddle control and smaller raise/lower rocker bar. The lighting level easily can be raised/ lowered or turned on/off at any connected station. When turned on, the lights automatically will return to the level at which they were set when they were last turned off.

### 7. For rooms with multiple zones, how many intelligent junction boxes and wall stations will I need?

Typically, you will need an intelligent junction per zone and at least one wall station per junction box. However, multiple wall stations may be connected to a single junction box for multi-location control of a single zone. Wall stations easily can be field configured for whole room (multi-zone) master control as required by your design for the space. Additionally, the wall stations are Decora® devices that can be easily ganged together under a common faceplate for multi-zone control from a single location.

## **8. How does SIMPLY5 adaptive scheduling work?**

SIMPLY5 offers occupants the ultimate flexibility to change schedules without additional programming. This new technology monitors actual lighting usage and adapts to the occupants' requirements and schedules occupied and unoccupied periods automatically on a room-by-room basis. This innovative and patent-pending approach to time-based lighting control allows the energy usage of a building to be optimized per its actual use as never before possible.

## **9. Does SIMPLY5 allow for the use of occupancy sensors or photocells?**

Yes, SIMPLY5 offers the flexibility of easily incorporating occupancy sensors and/or photocells. These components connect directly to a S5SC sensor connector, which can be then be connected at any point on the zone that it is to control. It will auto-configure zones, sensors and wall stations instantly for proper operation.

## **10. How does the photocell work in conjunction with motion sensor?**

The default operation in that a connected motion sensor will work in conjunction with any connected wall stations as manual on / automatic off. When the lights are on, a photocell connected to the zone will automatically dim the lights in response to the available daylight to maintain the level that the user has set at the wall station (like cruise control for the lights, as someone put it last week). If desired, the LEM can be used to change the occupancy sensor functionality to automatic on / automatic off via the advanced settings.

## **11. What type of occupancy sensors are offered with SIMPLY5?**

The SIMPLY5 S5SC sensor connector is compatible with all Lithonia low voltage occupancy sensor heads, which include passive infrared, ultrasonic, and dual technology versions for both wall and ceiling mount.

## **12. Will the wall station act as an override for the time schedules, occupancy sensors and photocells?**

Yes, wall stations will override the time schedules, occupancy sensors and photocells within the room. Providing this local control gives the occupant a high degree of lighting flexibility within their space. Unless disabled via a schedule set up in the S5LEM, the occupant always has manual on/off and raise/lower control of the lights in their room via the installed wallstation(s). In the case of an occupancy sensor override, the wall station on/off paddle can be held down for 3 seconds to prevent the occupancy sensor from being able to turn off the lights for one hour. At the end of this hour, the system will evaluate the space and leave the lights on if the sensor is still reporting occupancy, or warn the occupants that it will be turning off this lights.. In the case of photocell overrides, the occupant uses the wall station to set the light level that is to be maintained in the room. If set at 100%, the system will use the photocell to maintain that light level by varying the artificial light level in response to the available daylight; if set at 50%, it will maintain that light level instead.

## **13. What additional equipment is needed for SIMPLY5 lighting fixtures with emergency battery packs?**

If battery packs are being used, no other equipment is required. The reason for this is that we're using digital ballast that are constantly powered, so the same circuit that is being used to normally power the fixture can also be used to charge the battery pack. If a generator-fed Normal/Emergency circuit is being used to power the emergency fixtures in an application, then the S5JS Joiner Splice should be used. The S5JS terminates the normal circuit power wires and allows an emergency circuit to be introduced while carrying the same data wires to the 'downstream' fixtures. When connected in this way, the Normal/Emergency fixtures will automatically switch to 100% whenever they are powered and normal power is lost.

## **14. When will 347V be available for the Canadian market?**

Due to limited development resources, our focus is on the 120-277V market. We project 347V option availability approximately one year from the 120-277V initial offering.

## **15. What is the warranty for the SIMPLY5 lighting intelligence system?**

The standard warranty for SIMPLY5 is five years on the ballast and three years on all other components when RELOC wiring is used. When the hardwire option is used, the standard warranty is one year on luminaires and control components (ballasts are warranted by ballast manufacturer). You may direct additional SIMPLY5 ballast warranty inquiries to the SYLVANIA toll-free