



## HBA Zone5™ Daylight Harvesting Controls System FAQs

### **Q. What is the Zone5 Daylight Harvesting Control System?**

**A.** The Zone5 Daylight Harvesting Control System delivers 1-4 rows of lighting control in an easy to install, easy to commission package. The system includes a control module with labeled, color coded ports and an SD Card interface, a daylight sensor, occupancy/ vacancy sensors and low-voltage switches for manual on/off or specialized control.

### **Q. The system controls 1-4 rows of lighting. Why is it called Zone5?**

**A.** In addition to the 4 rows of lighting control, the Zone5 system features an additional zone for control of whiteboard or blackboard lighting.

### **Q. Can you network the Zone5 system?**

**A.** No, the Zone5 system is a stand-alone system that offers a control solution for individual rooms.

### **Q. How is Zone5 Control Module's expansion port used?**

**A.** The expansion port was included on the control module to allow for the inclusion of an option board for future upgrades to the system. This could allow for control of motorized shades or audio/visual screens not currently supported by Zone5.

### **Q. What happens during demand response?**

**A.** During demand response, the light levels will drop based on programmed general/ audio/visual levels. Lighting will not go above set levels until input is released.

### **Q. How are firmware updates handled?**

**A.** Firmware, the operational program for the controller in the ZCM, can be updated in the field without physically removing the controller itself. This means that the ZCM programming can be easily updated and refreshed over the life of the system. As technology marches on, the Zone5 system can march in step and remain current.

### **Q. Can Zone5 connect with BAS or HVAC systems?**

**A.** Yes, Zone5 can connect to BAS or HVAC systems using the isolated Form C relay included with the ceiling and wall mount occupancy sensor.

### **Q. What type of occupancy sensor is used with Zone5?**

**A.** The Zone5 system uses Hubbell Building Automation's OMNIDT2000RP and LODTRP occupancy sensors, combining ultrasonic and passive infrared technology to turn lighting on or off based on occupancy. This dual technology provides accurate turn-ons while virtually eliminating false-offs. These sensors also feature HBA's patented IntelliDAPT technology, which makes all the sensor adjustments automatically. Throughout the product's lifespan, smart software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings. Occupancy sensors with IntelliDAPT provide a maintenance-free "Install and Forget" operation.

### **Q. What is the NeverDark feature?**

**A.** When used with a programmable start ballast, NeverDark assures that lighting will not be interrupted when switching between general and audio/visual modes. This is accomplished by providing an interval where the modes overlap, avoiding disrupting room activities. Without this feature, the room lighting would be turned off for approximately two seconds when transitioning between lighting modes. The NeverDark feature is preset at 2 seconds overlap but can be varied through the Zone5 Control Module.

### **Q. What is the Study Time Switch?**

**A.** The Study Time Switch provides uninterrupted lighting during periods of low room activity. The switch is preset for 60 minutes but can be varied through the Zone5 Control Module. The switch can be pressed at any time to restart the clock or held down until the LED indicator turns off to disengage.

### **Q. What components are plug and play?**

**A.** Each switch, occupancy sensor and photocell is equipped with a snap-in connection. Color coded snap-in cables are ordered separately. One end snaps into the low voltage device and the other snaps into the corresponding color-coded port on the ZCM.

### **Q. How do you order Zone5?**

**A.** See product data sheet for ordering information.