



SunSet™ User Manual

Wireless SunSet™ Synchronization

Quick, easy installation with no wires required. SunSet™ is the first wireless light sensor that automatically synchronizes your entire landscape lighting system with the sun. On/off times are intelligently synchronized without the unreliable performance of photocells or timers, so the lights run when you need them. No need for an astronomical clock since the device triggers with ambient light levels.

Installation Overview

- I. Make sure to use the **RED** striped wires on Zone Control
- II. Take the SunSet™ over to the Zone Control receiver.
- III. Learn the SunSet™ into the Zone Control.
- IV. Place the SunSet™ where it will be able to detect sunlight.
- V. Test the unit to make sure it operates correctly at the desired location.

Learning the SunSet™ into Zone Control

1. **Put SunSet™ in Test Mode** – When looking at the front of SunSet™ (the arrow forward), place the magnet on the left side about half way up to put SunSet™ into Test Mode. You should see a RED TEST MODE LIGHT, remove the magnet, and the red light will begin to flash. It will be in test mode for the next 10 seconds, and then automatically exit test mode after 10 seconds.
2. **Put Zone Control Receiver in Learn Mode** - Using a magnet, swipe the Zone Control REED #1. The Zone Control will start to click; it will receive a communication from the SunSet™, stop clicking, and turn the lights on. The two devices are now synchronized and will communicate to each other.
3. Once complete, place the SunSet™ in the desired location.

Note: The SunSet™ light sensor will only be in test mode for 10 seconds. If you do not swipe reed #1 switch on the Zone Control within 10 seconds of swiping the SunSet™ you will need to put the SunSet™ in test mode AGAIN to complete the learn process. The Zone Control will stop clicking once it senses the SunSet™ light sensor while in test mode.

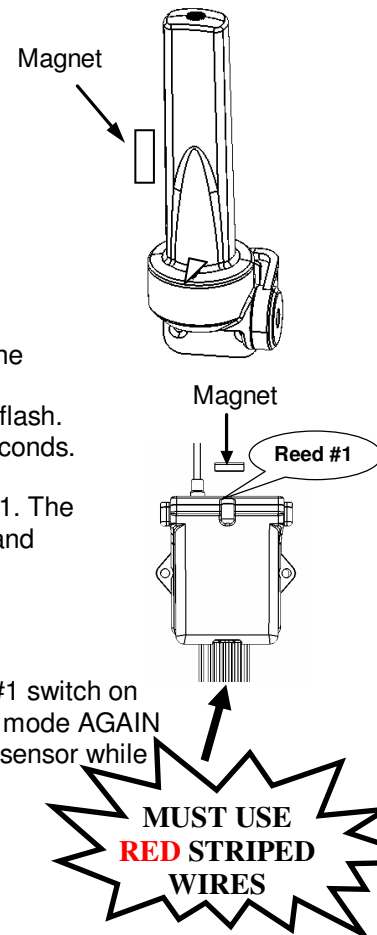
Placement of SunSet™

Place the SunSet™ within 100 feet of the Zone Control and with a direct line of sight between the two for best results. The SunSet™ is capable of much longer distances but you must test each location to make sure if it is within the range based on your install parameters.

The SunSet™ should ideally be placed with a relatively clear view of the western sky, the small arrow in front represents which way SunSet™ is facing. If that installation location is not available, it will still track light and dark with slight variations. The small arrow on the sensor case is the direction that the light sensor is orientated. More shaded locations will turn the lights on slightly earlier, and locations in more direct sunlight will turn the lights on slightly later.

SunSet™ Testing

1. Place the SunSet™ in a location you want to test. If lights are already “On” turn them “Off” with the Zone Control remote.
2. Put SunSet™ into test mode (Step #1 of Learning the SunSet™ into a Zone Control)
3. Lights should turn on - check to make sure.
4. Turn Test Mode off – **Note:** If you swipe the magnet again BEFORE the LED stops flashing the lights will turn off.
5. Lights should turn off - check to make sure.
6. If lights did not turn on and off repeat steps 1-5 in a location closer to the receiver unit.



PROGRAMMING TIMERS FOR USE WITH SunSet™

Example Scenarios:

Ex. #1 Want the SunSet™ to turn **on** at sunset and the lights **off** at sunrise

- Simply follow the “Learning SunSet™ into a Zone Control” instructions on the first page of these instructions. No need to set timers, just learn the SunSet™ to the Zone Control and it will turn on at sunset and off at sunrise.

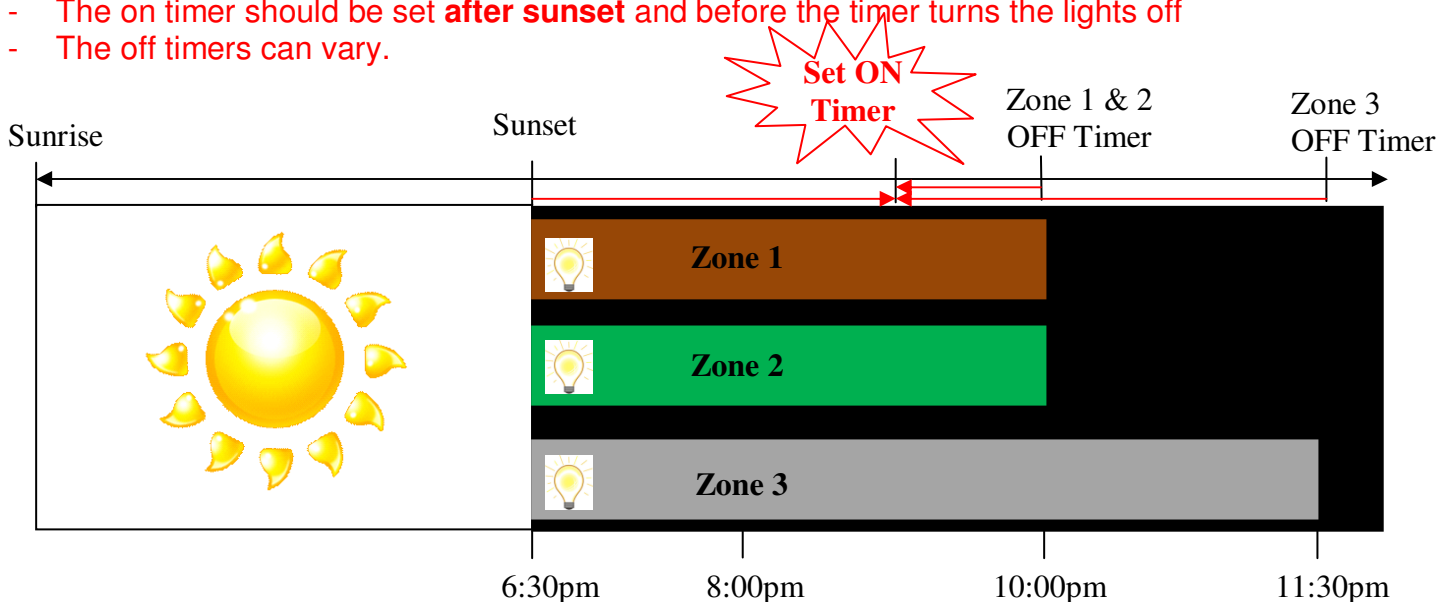
Ex. #2 Want SunSet™ to turn the lights **on** at sunset and the timer to turn the lights **off** at a predetermined time

On time – Sunset (about 6:30pm in this example)

Off time – Zone 1 & 2 – 10:00pm, Zone 3 – 11:30pm

Important Programming Notes:

- Both an on and an off time must be set for EACH zone that is enabled
- The on timer should be set **after sunset** and before the timer turns the lights off
- The off timers can vary.



Read for further explanation:

The SunSet™ will be turning the lights on at sunset and the timer will be turning the lights off at the user defined time. In this example the sun sets at 6:30pm, at that time the lights will turn on via the SunSet™ sensor. The on timer in the Zone Control is set for 9:00pm so it does not interfere with the SunSet™ sensor, the lights remain on. The customer wants Zones 1 and 2 to turn off at 10:00pm and Zone 3 to turn off at 11:30pm, the off timer in Zones 1 and 2 is set for 10:00pm, and the off time for Zone 3 is set for 11:30pm.

NOTE: Just to emphasize, if you set the “on timer” for a time BEFORE sunset (6:30 in this case), the lights will come on with that timer. First come, first serve basically, light sensor or timer. That is why if you want the SunSet™ to turn on the system, the “on timer” must be set for some time later than actual sunset. Since the summer months don’t see the sun setting until the later hours of the day, you should set the timer for even later than usual so you don’t have to come back and reset timers as the days get longer.

Technical support

Toll-free: (888) 869-4737 in the US, including Alaska and Hawaii; Puerto Rico; Canada.

FCC compliance

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
 2. This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.