

WSS116 Sunset Switch Programming Instructions

Specifications

- Voltage: 220-240V AC
- Power Frequency: 50/60Hz
- Rated Current: 16A
- Working Temp: -20 °C ~ +40 °C
- Working Humidity: <93%RH
- Built In Timer: 1-9 Hours
- Ambient Light: <3-500LUX (adjustable)
- IP Class: IP66

To Operate:

1. To set the LUX level threshold, adjust the LUX dial to suit the threshold level required.

Note: the setting of 3 LUX is the lowest level setting and the switch will only turn on when dark.

2. To adjust the TIME setting, adjust the timer dial to the selected time out period required.

Note: If the ambient LUX level rises above the threshold set before the time out period has expired, then the switch will turn off.

Installation:

1. Ensure the mains power or circuit power is turned off.
2. Remove the 4 screws on the switch cover as shown in Figure 1.

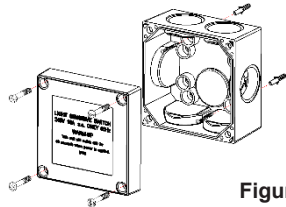
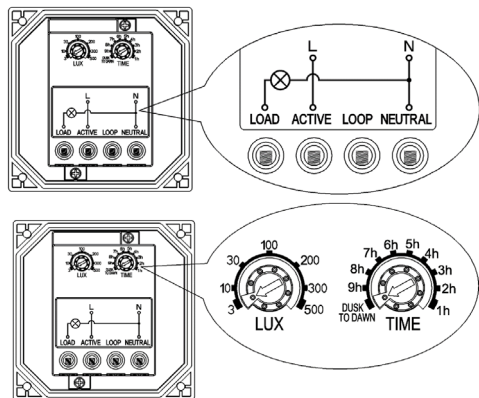


Figure 1

4. Remove the required conduit knockouts.
5. Using a screwdriver, connect the electrical wires in accordance with the wiring diagram below.



6. Ensure that you use the appropriate conduit glue to ensure the fittings through the conduit entries maintain their IP66 rating.
7. Once the base is securely mounted, insert the mounting base screws caps shown in Figure 2.

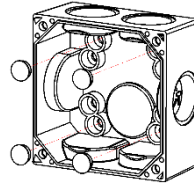


Figure 2

8. Make the necessary setting adjustment to the LUX level and time setting as needed.

Time Setting	
1 Hour	Flash one time
2 Hours	Flash two times
3 Hours	Flash three times
4 Hours	Flash four times
5 Hours	Flash five times
6 Hours	Flash six times
7 Hours	Flash seven times
8 Hours	Flash eight times
9 Hours	Flash nine times
10 Dusk to Dawn	Flash ten times rapidly

9. Reattach the switch cover with the 4 screws provided and insert the screw caps as shown in Figure 3.

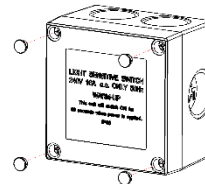


Figure 3

10. Switch on the power to the circuit and test the switch operates as expected by using the black lens cover to simulate the dark.

To Test:

11. Set the LUX dial to position '3' and set the time dial to '1h' position. When the ambient light is less than 3 LUX, the red indicator light will turn on. After 1 minute, the lamp will turn on.
12. The switch will stay active for 1 hour and then it will turn off. The red indicator light will turn off when the ambient light is more than 10 LUX.
13. If setting 1 hour, ambient light > 10 LUX. The red indicator light will turn on. After 1 minute, the switch will turn off.
14. If setting LUX dial to position '3' and setting the time dial to position 'DUSK to DAWN', if the ambient light is less than 3 LUX, the red indicator light will turn on. After 1 minute, the load will be switched on. Only when the ambient light is more than 10 LUX, the red indicator light will turn off. After 1 minute, the switch will turn off.

NOTES:

- Select a position to mount the switch that will not be affected by the operation of the load.
- Please ensure that no objects will interfere with the photocell
- Do not install the photocell under the light or in the place where the light will be irradiated to the photocell.
- The timer will reset when the power is off for over 2-5 seconds.
- The sunset switch has a 1 minute delay when switching between on and off.