

Troubleshooting Guide

LightSync Photo Sensor Controller Module

LS-PSC Part #97013536

Photocell not controlling lights

- Does the Panel see the Module as “Connected”? If no, see “Communication Issues” below.
- Does the Panel see light levels from Sensor? If yes, are the levels appropriate for the ambient lighting at the photocell? If no, is there proper voltage to and from the sensor?
 - Out to sensor- 5vdc Black to Red (If 0 does voltage return when Blue wire removed?)
 - Return from sensor- 0-5vdc Black to Blue (may fluctuate due to digital signal)
- While viewing level, remove the blue wire. The level should ramp down to 0 and trigger relays/raise dimmers.
- Is the Input properly configured? On and Off levels properly set?
- Are the correct Relays/Outputs properly mapped to the Input?

Communication Issues

- Is the Module addressed correctly? (Remember 0s down for proper reference)
- Panel Mount- Is the 6-pin connector correctly aligned and firmly seated to output board communication
- Remote Mount- Are Data Cables connected to correct In/Out ports and seated properly? IN port does not pass power to other downstream devices.
 - Test Data Cables for damage and verify data cables are terminated properly (T568B standard) using a cable tester.

