

DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

S1 Switchback Module Installation Guide

This document provides basic information regarding the operation and installation of the S1 module. This module is designed for use with any LED lighting components, such as LED strips and halos providing a “switchback” control among two or more components.

Package Contents: One pair (two) S1 modules with input wires
Output wires and six T-tap style connectors

1. Remove the modules from the package, and identify the input wires. On one side, you will have three wires with male terminals:

Black is GROUND, and should be connected to a constant ground.

Yellow is TURN signal input.

White is RUNNING power, or running light input.

2. Using the included T-tap connectors, make these connections as desired. If you prefer, you can cut the male connectors and solder the wires directly.

The output wires are:

White static signal. When power is applied to RUNNING, this wire will be a full 12V power.

Yellow turn signal output. You might connect to an amber or red LED, to become a turn signal. The White output will shut off, “switchback” style, while the turn signal is running.

Black ground output. This should be connected to a constant ground.

To test function, activate your inputs to ensure everything works as desired. If it does not work, make sure all connections are secure, and you have a good ground connection. Also check to make sure your wires are oriented correctly; i.e. input and outputs.