



Mosfet used to prevent problems caused by reversed polarity of power source.  
 Mosfet will not conduct if Vcc and Gnd are reversed.  
 There is no voltage drop or voltage loss with proper configuration of power.

Mounting Hole Sizes:  
 2.5mm matches a #4 screw  
 3.5mm matches a #6 screw

This version uses two NPN transistors to simulate the PNP transistor (which should be a high side switch but has been configured as a low side switch in previous versions). PNP transistors are typically configured as high side switches so this version has all low side switch for the MOSFET and transistors.

Bob Lucas

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 File: Tunnel Lights 3 LDR inputs V4.sch

**Title: Tunnel Lights 3 LDR Inputs**

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