



The sensitivity of phototransistors varies by as much as 10X.  
 Within a batch, sensitivity of phototransistors varies by as much as 2X.  
 Installed phototransistors should therefore be from the same batch.  
 The 555 switching thresholds seem to be set at about 2U and 4U.  
 Values for resistor pack R1 should be chosen between 25K and 50K  
 so that the installed phototransistors switch in this range with the  
 available light source.  
 The BPX81 seems suitable, though it is primarily sensitive to infrared.

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