



R7 sets the dark output voltage because R6 and LDR = infinity
 $220k \setminus 15k + 1 * 1.25 = 20v$

LDR and R6 form a parallel resistor with R7 that sets the bright output voltage
 $220k \setminus 6k + 1 * 1.25 = 46v \text{ max}$

R6 = 11k max out = 44v
 R6 = 12k max out = 42v
 R6 = 8k2 max out = 50v
 output tested at 30ma load

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