

SD3443/5443

Silicon Phototransistor

SWITCHING TIME TEST CIRCUIT

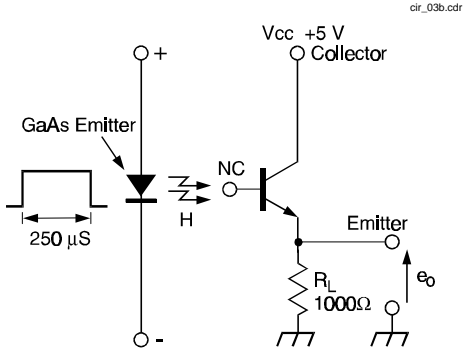


Fig. 1 Responsivity vs Angular Displacement (SD3443) gra_052.ds4

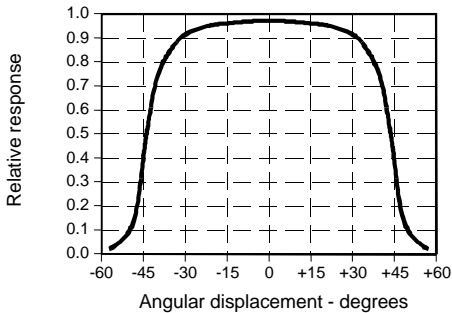


Fig. 2 Responsivity vs Angular Displacement (SD5443) gra_053.ds4

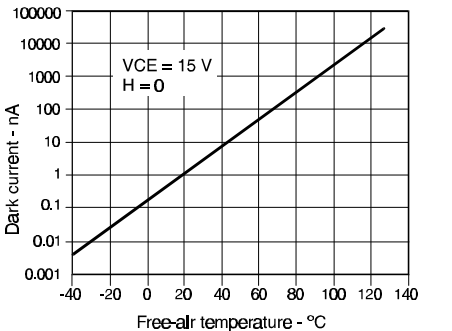


Fig. 3 Dark Current vs Temperature gra_303.cdr



SWITCHING WAVEFORM

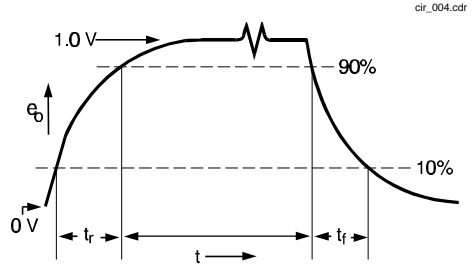


Fig. 4 Non-Saturated Switching Time vs Load Resistance gra_041.ds4

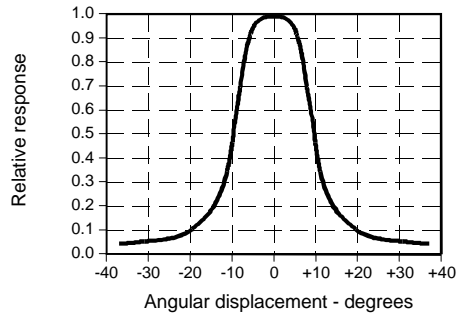
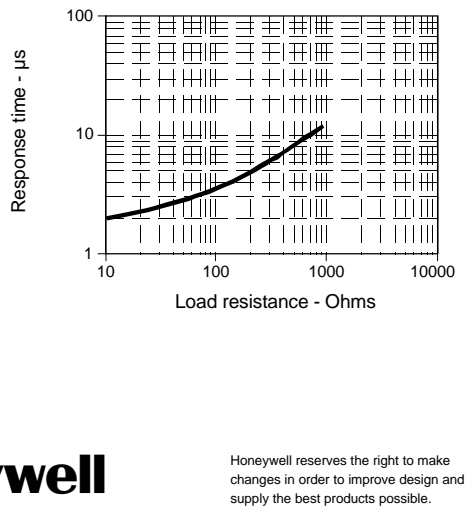


Fig. 5 Dark Current vs Temperature gra_303.cdr



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Fig. 5 Spectral Response

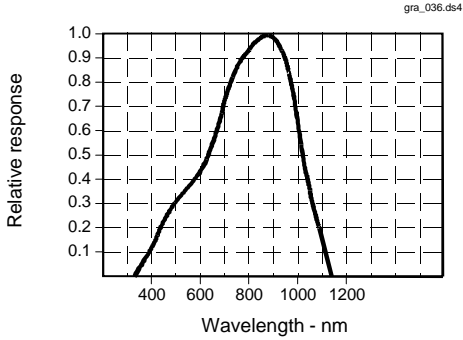


Fig. 6 Coupling Characteristics
SE3450 with SD3443

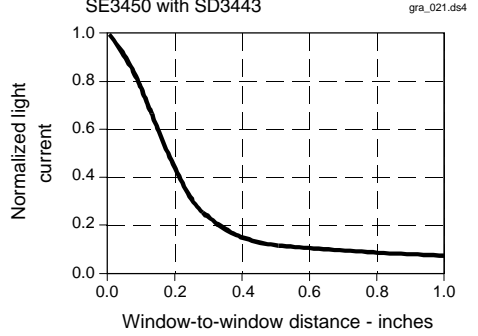


Fig. 7 Coupling Characteristics
SE5450 with SD5443

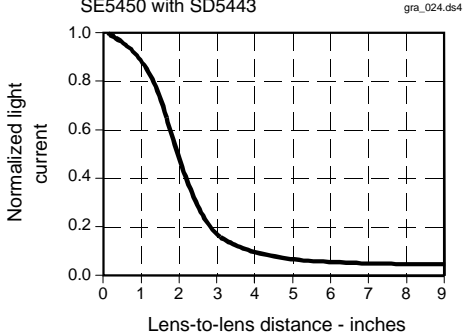
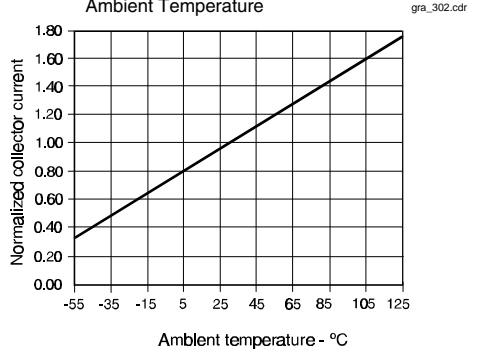


Fig. 8 Collector Current vs
Ambient Temperature



All Performance Curves Show Typical Values