

# SDP8405

Silicon Phototransistor

## SWITCHING TIME TEST CIRCUIT

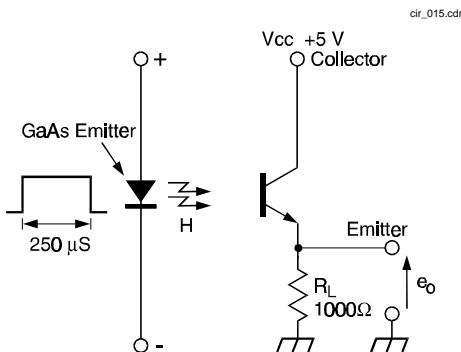


Fig. 1 Responsivity vs Angular Displacement

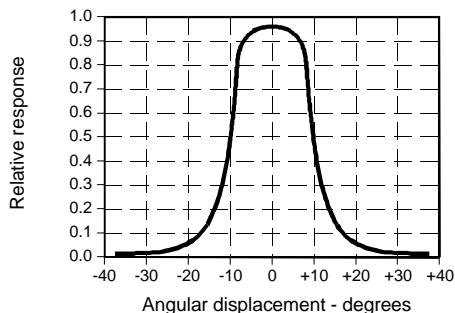
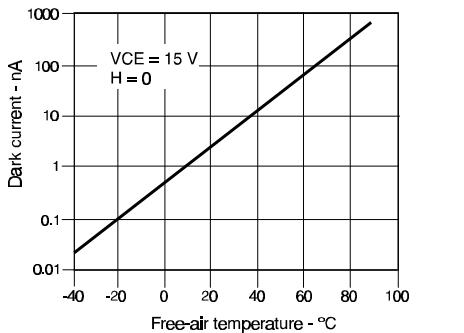


Fig. 3 Dark Current vs Temperature



## SWITCHING WAVEFORM

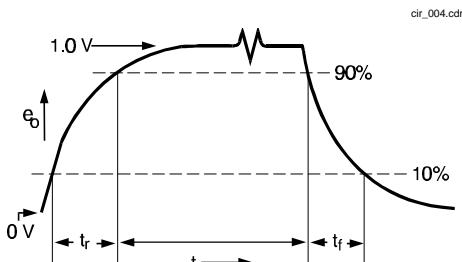


Fig. 2 Collector Current vs Ambient Temperature

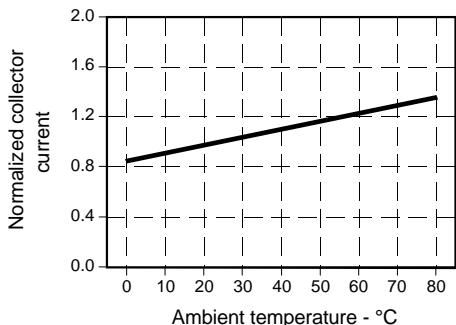
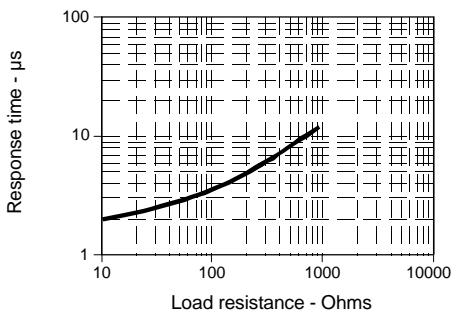


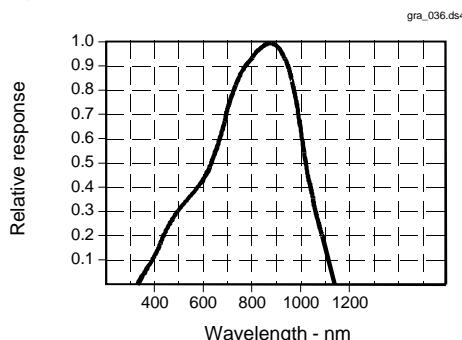
Fig. 4 Non-Saturated Switching Time vs Load Resistance



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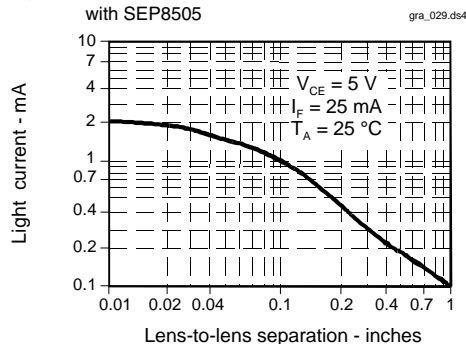
## Silicon Phototransistor

Fig. 5 Spectral Responsivity



All Performance Curves Show Typical Values

Fig. 6 Coupling Characteristics with SEP8505





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