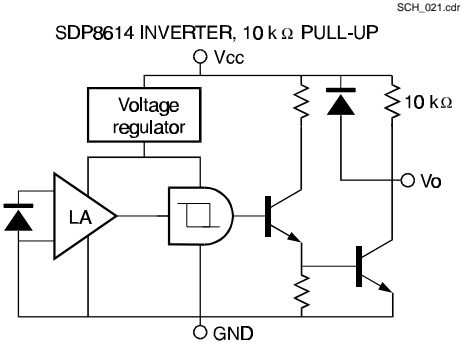


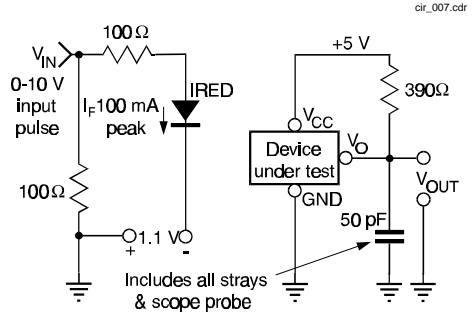
# SDP8604/8614

Optoschmitt Detector  
10 k Ohm Pull-Up Output

## SCHEMATIC



## SWITCHING TIME TEST CIRCUIT



## SWITCHING WAVEFORM FOR BUFFERS

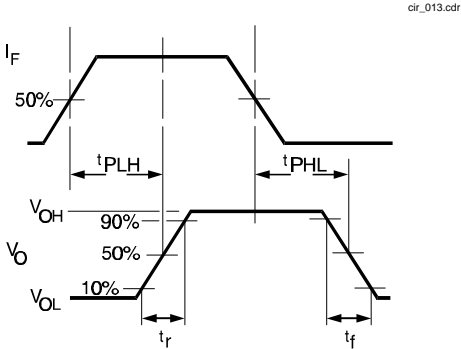
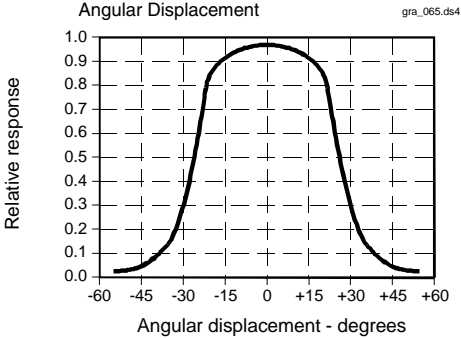


Fig. 1 Responsivity vs Angular Displacement



## SWITCHING WAVEFORM FOR INVERTERS

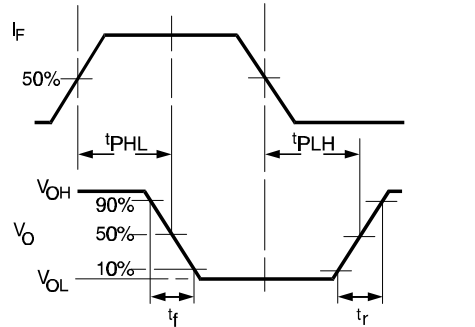
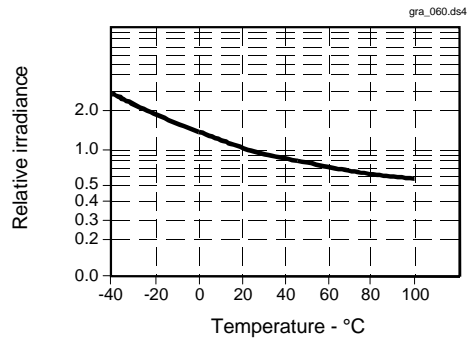


Fig. 2 Threshold Irradiance vs Temperature



# SDP8604/8614

## Optoschmitt Detector 10 k Ohm Pull-Up Output

Fig. 3 Output Rise Time ( $t_r$ ) and Output Fall Time ( $t_f$ ) vs Temperature

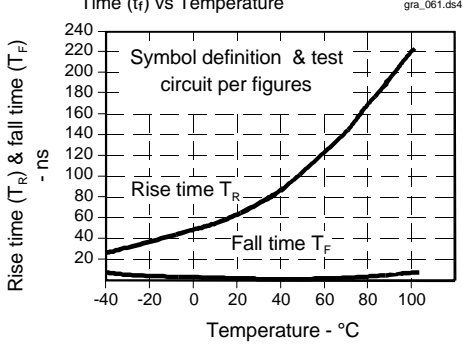


Fig. 4 Delay Time vs Temperature

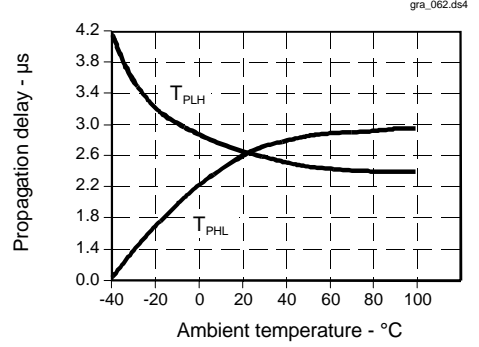
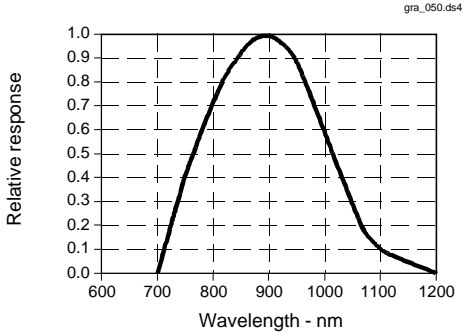


Fig. 5 Spectral Responsivity



All Performance Curves Show Typical Values