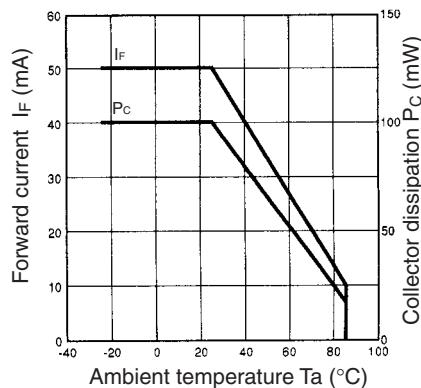
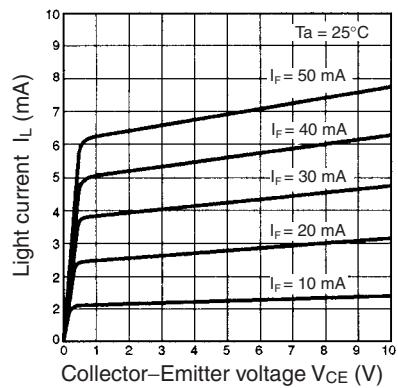


■ Engineering Data

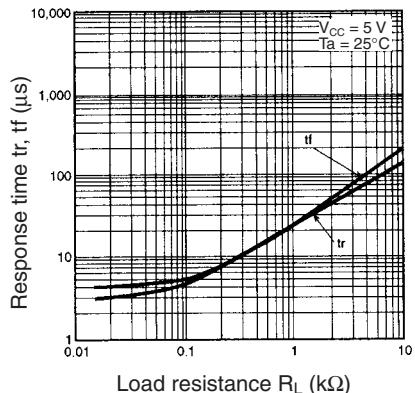
Forward Current vs. Collector Dissipation Temperature Rating



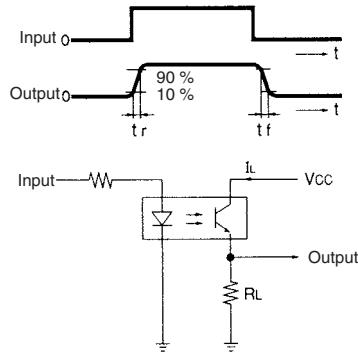
Light Current vs. Collector-Emitter Voltage Characteristics (Typical)



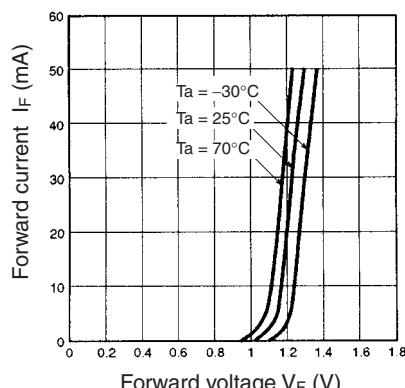
Response Time vs. Load Resistance Characteristics (Typical)



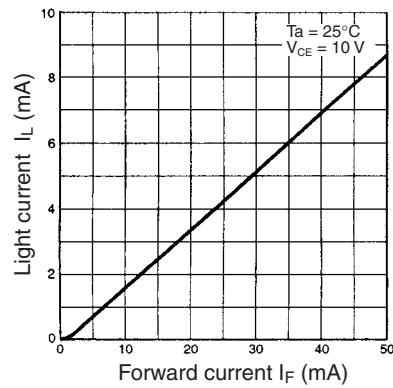
Response Time Measurement Circuit



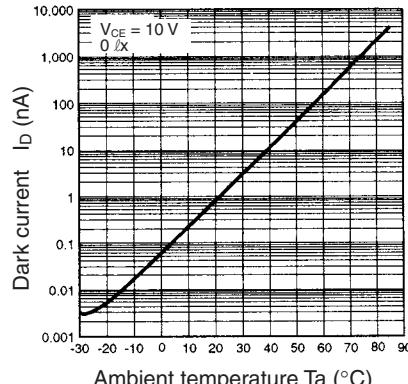
Forward Current vs. Forward Voltage Characteristics (Typical)



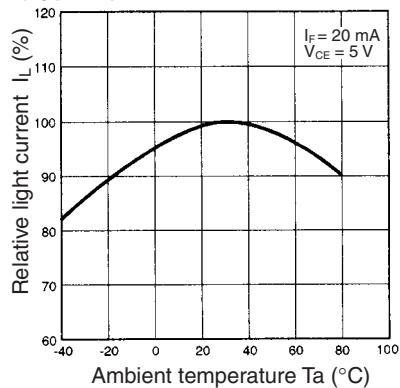
Light Current vs. Forward Current Characteristics (Typical)



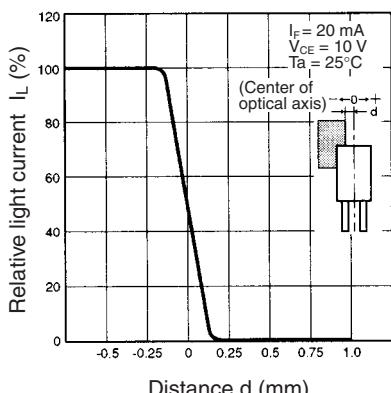
Dark Current vs. Ambient Temperature Characteristics (Typical)



Relative Light Current vs. Ambient Temperature Characteristics (Typical)



Sensing Position Characteristics (Typical)



Sensing Position Characteristics (Typical)

