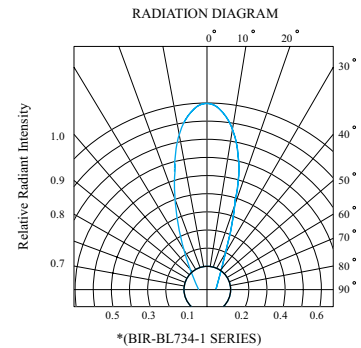
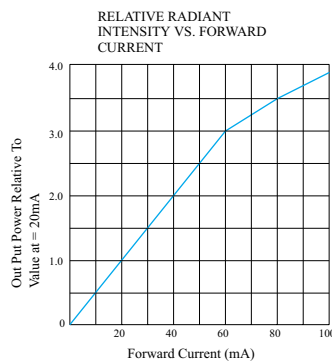
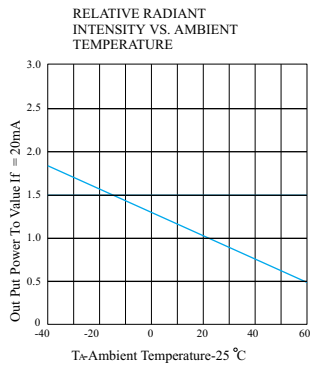
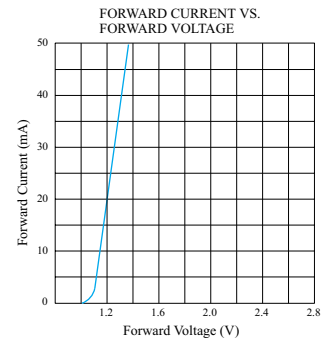
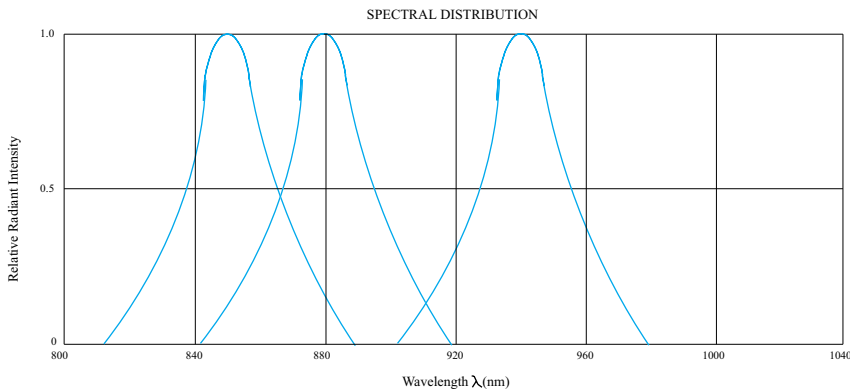
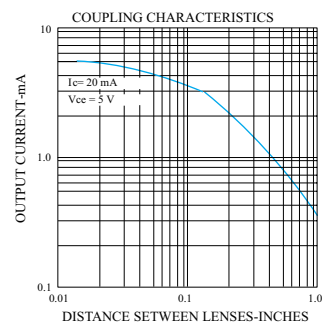
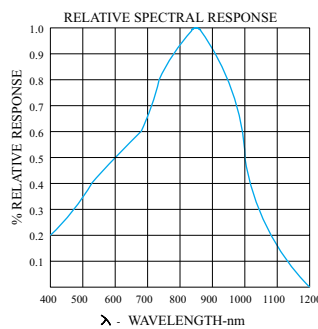
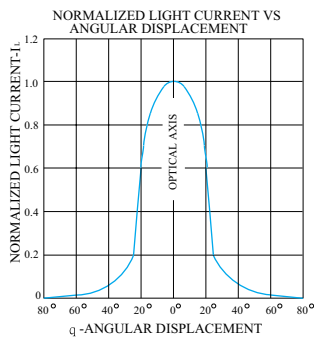
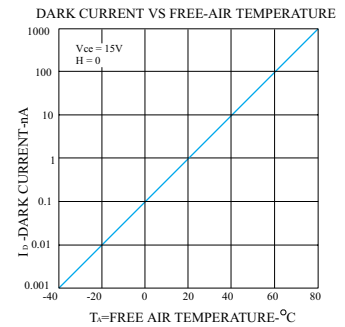
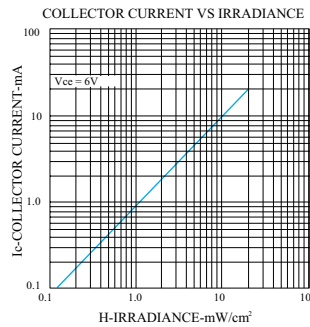
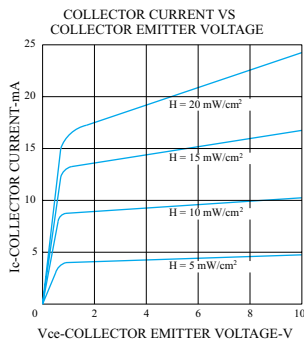


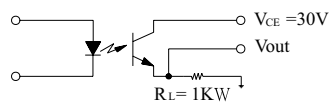
INFRARED EMITTING DIODES SERIES



PHOTOTRANSISTORS SERIES

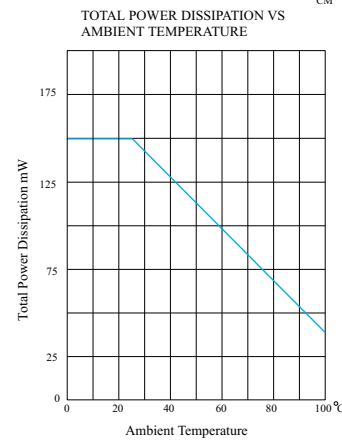
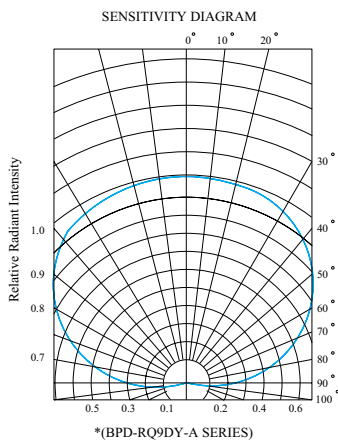
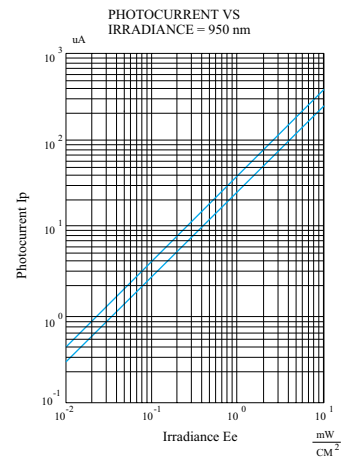
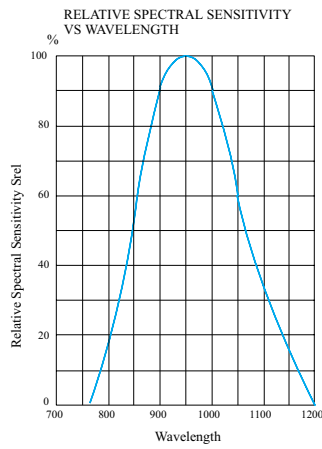


SWITCHING TIME TEST CIRCUIT



NOTE 1: INPUT IRRADIANCE IS SUPPLIED BY A PULSED GALLIUM ARSENIDE TIGHT EMITTING DIODE WITH A RISE TIME OF LESS THAN 500ns. INCIDENT IRRADIANCE IS ADJUSTED FOR SPECIFIED I_L .

PHOTODIODES SERIES



INTERRUPTER SERIES

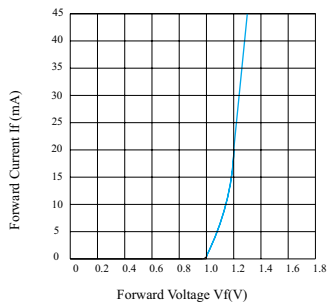


FIG.1 FORWARD CURRENT VS. FORWARD VOLTAGE

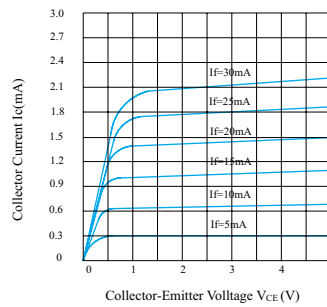


FIG.2 COLLECTOR CURRENT VS. COLLECTOR VOLTAGE

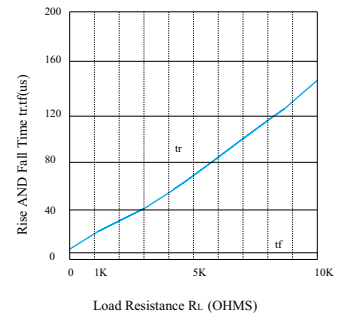


FIG.3 RISE AND FALL TIME VS. LOAD RESISTANCE

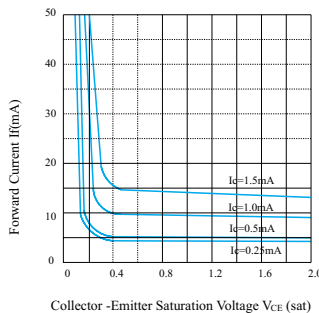


FIG.4 FORWARD CURRENT VS. COLLECTOR-EMITTER SATURATION VOLTAGE

f=100HZ
V_{PF}=1.2V
Duty cycle=10%

