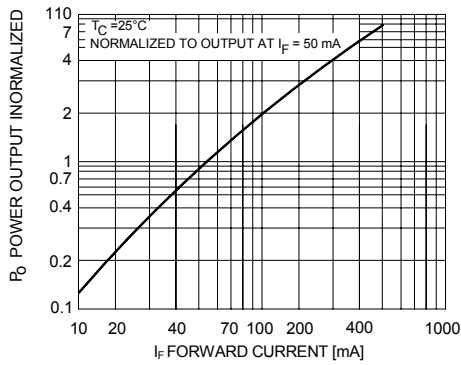
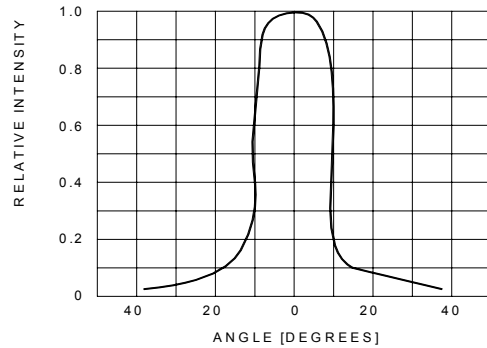
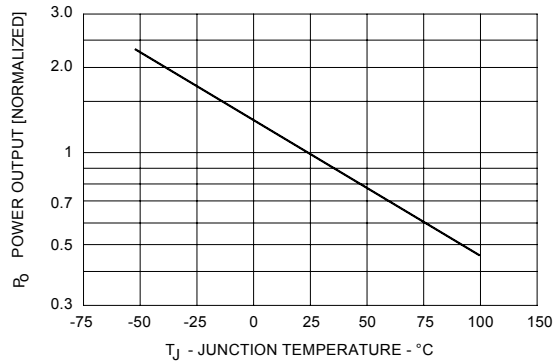
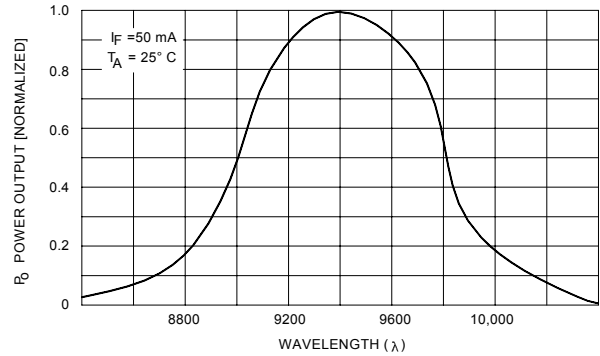


ELECTRICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ unless otherwise specified.

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST CONDITIONS	NOTE
Output Power	62033-X01 62033-X02 62033-X03	2.0 3.5 4.8	2.5 4.2 6.0		mW	$I_F = 100\text{mA}$	
Forward Voltage	62033-XXX			1.7	V	$I_F = 100\text{mA}$	
Reverse Breakdown Voltage	62033-XXX	2			V	$I_R = 10\mu\text{A}$	
Radiation Rise Time	62033-XXX		0.7		μs		
Peak Wavelength	62033-XXX		940		nm	$I_F = 100\text{mA}$	
Beam Angle	62033-XXX		20		degrees		1
Forward Max Continuous Current	62033-XXX			200	mA	25°C Case	

NOTES:

- Angle between half-intensity points.

INSTANTANEOUS POWER OUTPUT versus FORWARD CURRENT**RADIATION PATTERN****POWER OUTPUT versus JUNCTION TEMPERATURE****RELATIVE SPECTRAL OUTPUT****RECOMMENDED OPERATING CONDITIONS:**

PARAMETER	SYMBOL	MIN	MAX	UNITS
Forward Current	I_F	50	200	mA

SELECTION GUIDE

PART NUMBER	PART DESCRIPTION	P_O Range
62033-001	GS5040-1, GaAs LED in TO-46 package, commercial version	+2.0 mW
62033-101	GaAsLED in TO-46 package (-55° to +100°C) with 100% screening	+2.0 mW
62033-002	GS5040-2, GaAs LED in TO-46 package, commercial version	+3.5 mW
62033-102	GaAsLED in TO-46 package (-55° to +100°C) with 100% screening	+3.5 mW
62033-003	GS5040-3, GaAs LED in TO-46 package, commercial version	+4.8 mW
62033-103	GaAsLED in TO-46 package (-55° to +100°C) with 100% screening	+4.8 mW