



New Rev

APPROVAL SHEET

CUSTOMER : _____

DEVICE NAME : **Infrared LED**

MODEL NO. : **SIR- 5A454-A2**

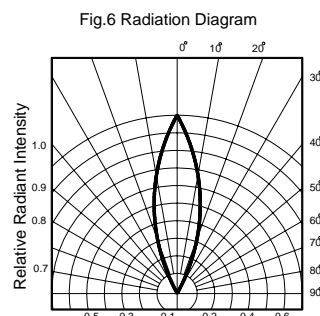
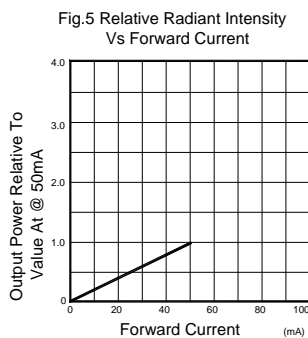
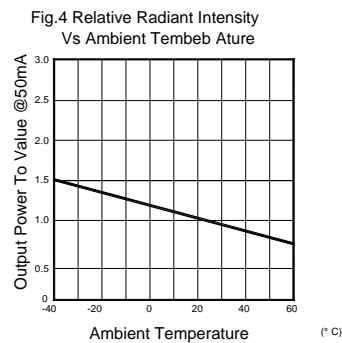
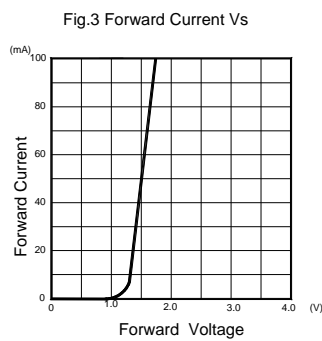
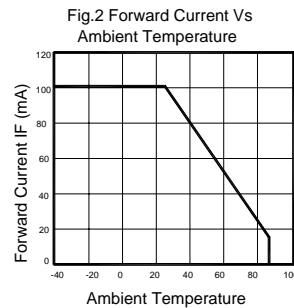
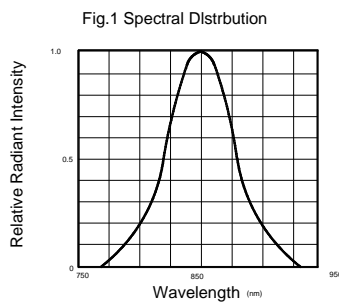
ISSUED DATE : **JUL.10. 2012**

	ISSUE	REVIEW	REVIEW	APPR'D
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● Electrical and optical characteristics(Ta=25°C)

Parameter	Symbol	Test Condition s	Min	TYP	Max	Unit
Radiant Intensity	I_e	$I_F=50mA$	32.36	128.5	-	mW/sr
Forward Voltage	V_F	$I_F=50mA$	-	1.5	1.8	V
Reverse Current	I_R	$V_R=5V$	-	-	100	μA
Peak Wavelength	λ_p	$I_F=20mA$	-	850	-	nm
Spectral Line Half-Width	$\Delta \lambda$	$I_F=20mA$	-	50	-	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20mA$	-	30	-	deg

● Typical electro-optical characteristics curves


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