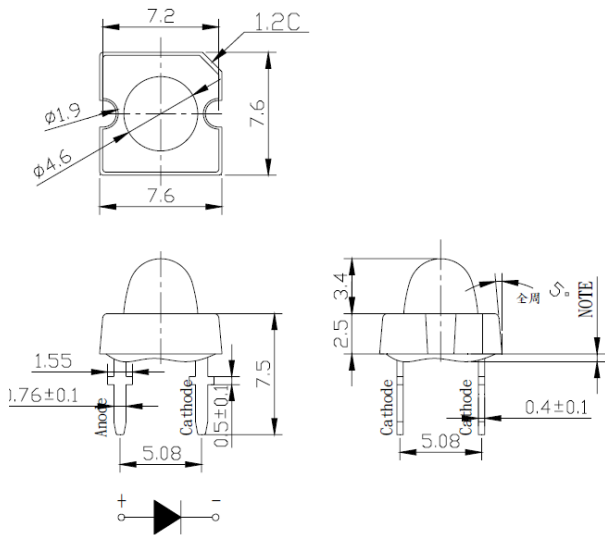


DATA SHEET 45.1 SUPER FLUX Ultra Red LEDs 50mA

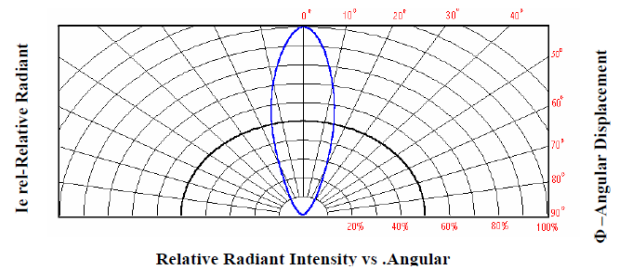
KLHF725UR



Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
Power Dissipation	PD	160	mW
DC Forward Current	IF	60	mA
Pulsed Forward Current	IFP	100*	mA
Reverse Voltage	VR	8	V
Operating Temperature	Topr	-30 ~ +80▲	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Soldering Temperature	Tsol	260for5sec△	°C

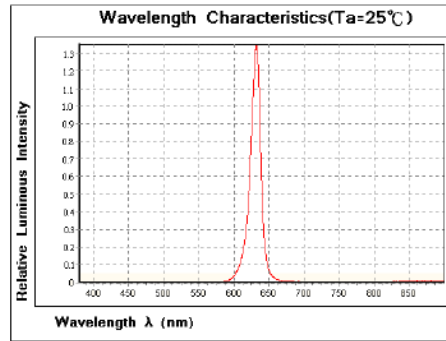
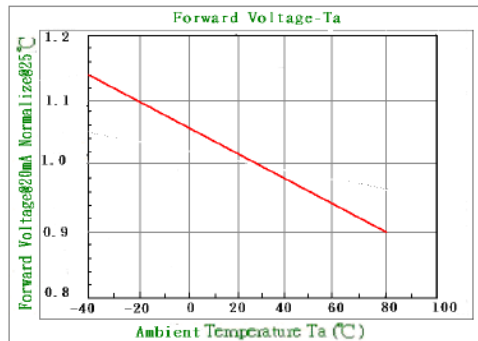
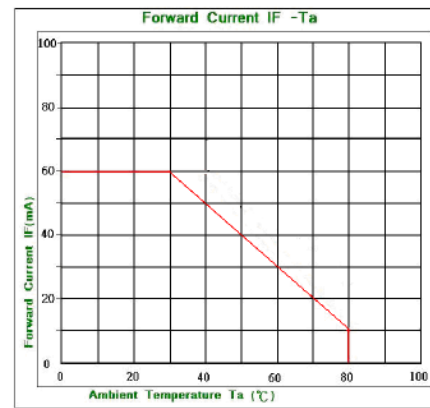
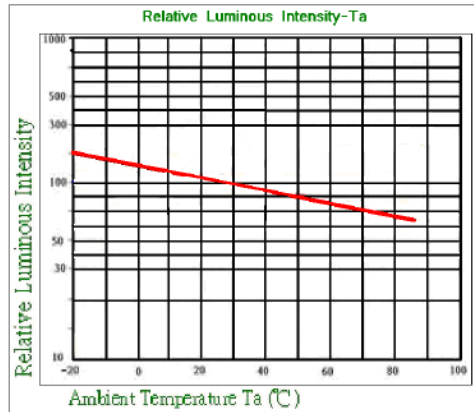
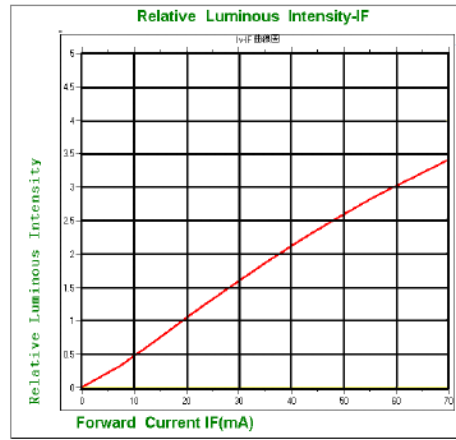
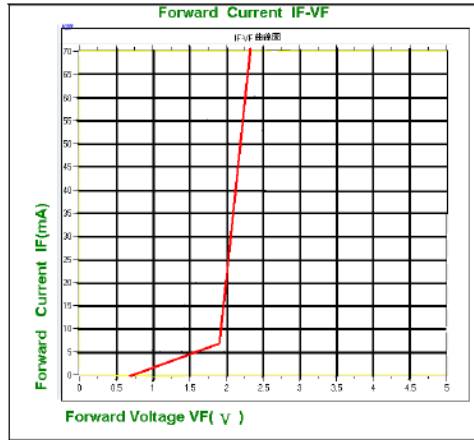
Directive Characteristics (Ta=25°C)



Electrical-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max.		
Forward Voltage	Vf	1.8	2.25	2.6	V	If=50mA
Luminous Flux	Lm	3590	6000		mlm	If=50mA
Wavelength	λd	620		630		If=50mA
Reverse Current	Ir	---	---	10	μA	Vr=8V
Viewing angle	2θ 1/2	---	30	---	Deg	If=50mA

Electrical characteristic graph



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