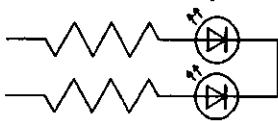
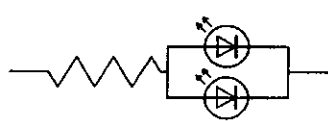
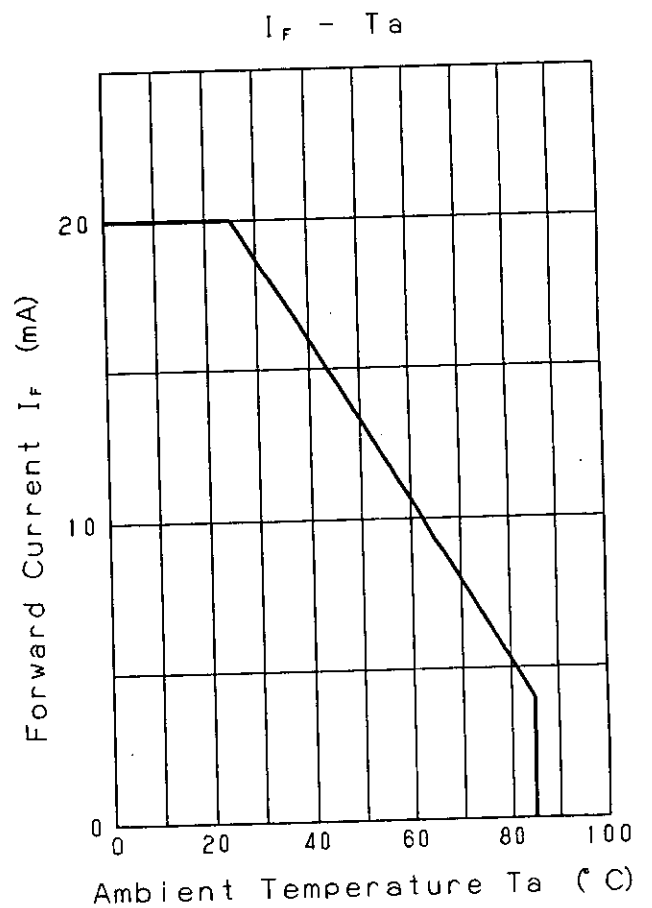
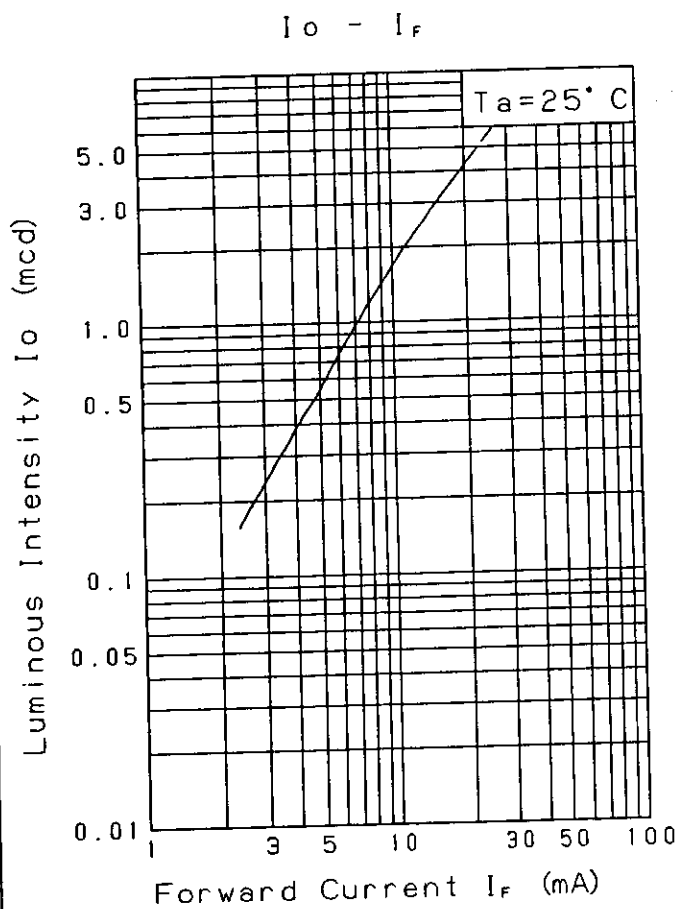
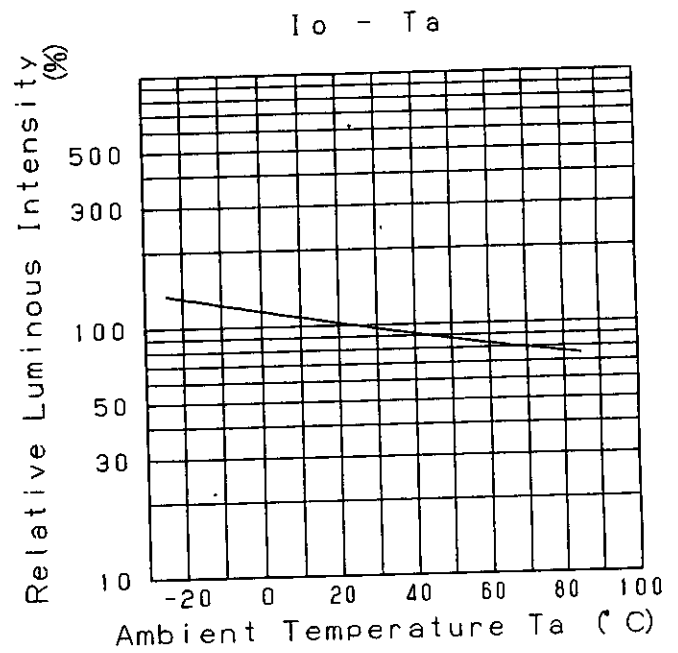
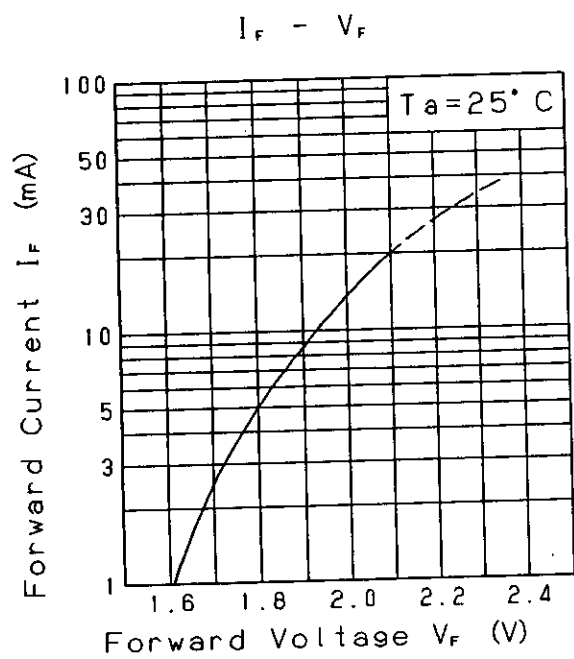
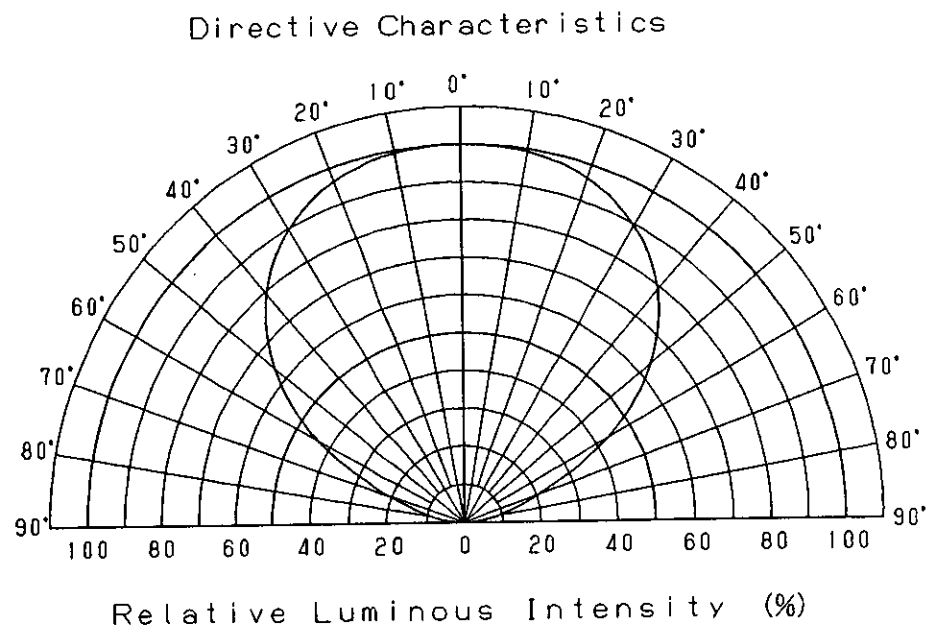
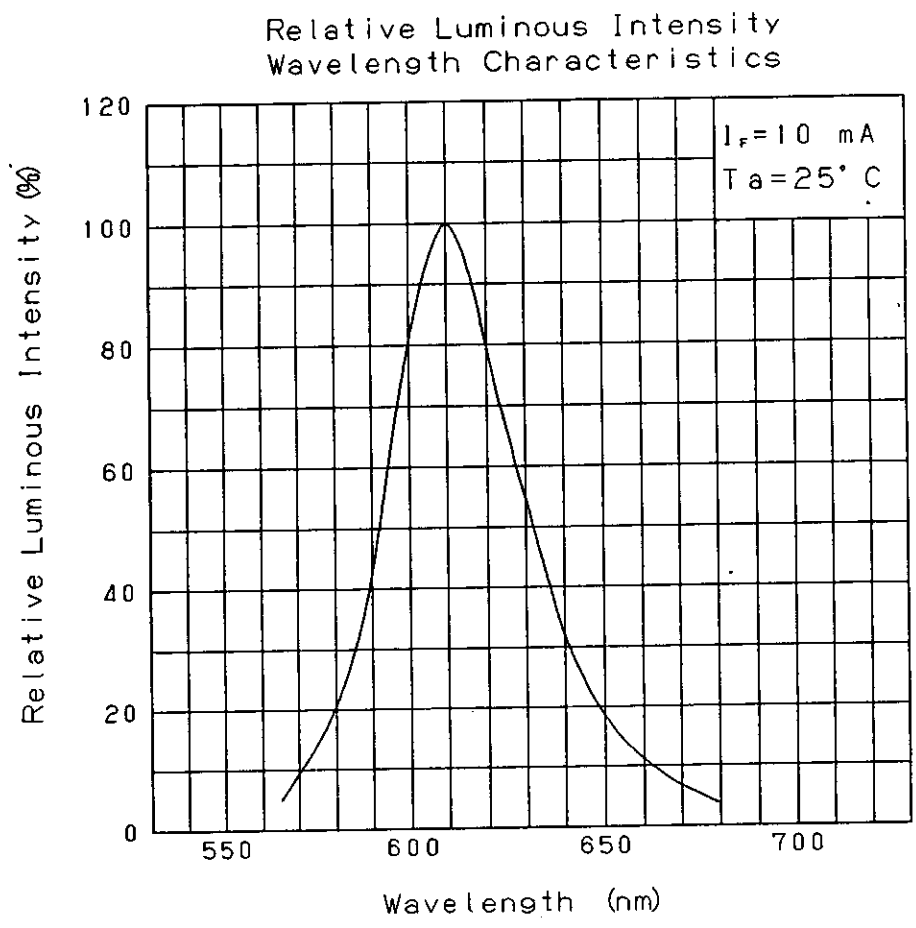


Approved	Checked	Designed	DEVELOPMENT SPECIFICATION								
		<i>K. Sakashita</i>	Tentative P/N:LNJ810L6SRA								
T	Y	P	E	Soft-Orange Light Emitting Diode							
APPLICATION				Indicators							
MATERIAL				GaAsP							
OUTLINE				Attached							
ABSOLUTE MAXIMUM RATINGS				P	*1 I_{FP}	I_{FDC}	V_R	T_{opr}	T_{stg}		
				60	60	20	3	-25~+85	-30~+100		
				mW	mA	mA	V	°C	°C		
CONDITION				$T_a = 25 \pm 3$ °C							
Test Specification											
Item		Symbol	Condition			Typ.	Limit		Unit		
							Min	Max			
Forward Voltage		V_F	$I_F = 10$ mA			1.93		2.6	V		
Reverse Leakage Current		I_R	$V_R = 3$ V					10	μA		
Luminous Intensity *2		I_O	$I_F = 10$ mA DC			1.8	0.75		mcd		
Peak Emission Wavelength		λ_p	$I_F = 10$ mA DC			610			nm		
Spectral Line Half Width		$\Delta \lambda$	$I_F = 10$ mA DC			40			nm		
*1 · The Condition of I_{FP} is duty 10 % , Pulse width 1 ms · Please contact the Panasonic local office if you design at low current (below 1 mA DC) or pulse current operation and have any questions. *2 Measurement Tolerance is $\pm 20\%$.											
NOTE											
★1. Terminal:Plated with gold on copper base.											
★2. Package : Clear type.											
★3. Soldering conditions. Refer to Handling note.											
★4. Care should be taken that soldering is done within 3-days after opening the dry package and reel.											
★5. Circuit to operate LED.											
											
(A)						(B)					
Oct. 20. 2001											

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION			
		<i>K. Sakurai</i>				
			Tentative			
			P/N:LNJ810L6SRA			





Approved	Checked	Designed	DEVELOPMENT SPECIFICATION (OUTLINE) Tentative P/N:LNJ810L6SRA		
		K. Ishihara			
Top view dimensions: Overall width 2.2, inner width 1.8, height 0.165, bottom width 0.8, 1.3, 2.36. Side view dimensions: Overall height 0.9, top width 0.9, bottom width 0.3, depth 0.44. Front view dimensions: Overall width 2.0, height 0.9, top width 0.3, 0.5, 0.3. Tolerances: ± 0.1 for 0.3, ± 0.2 for 0.5 and 0.44. Surface finish: (CO:15). CATHODE ANODE (NOTE) 1. Unit: mm 2. Tolerance unless specified is ± 0.15.					
Oct. 20. 2001					