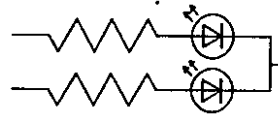
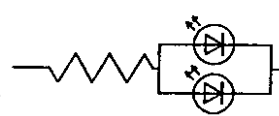


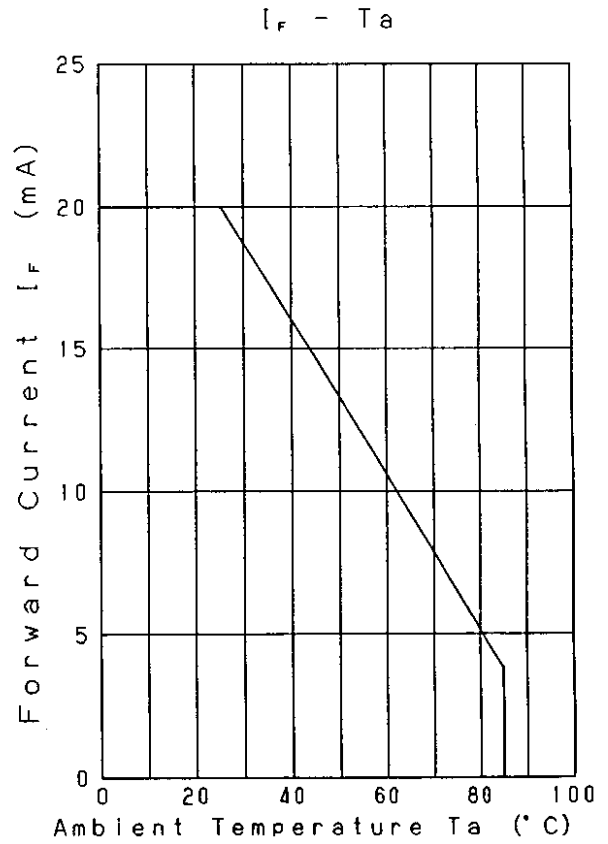
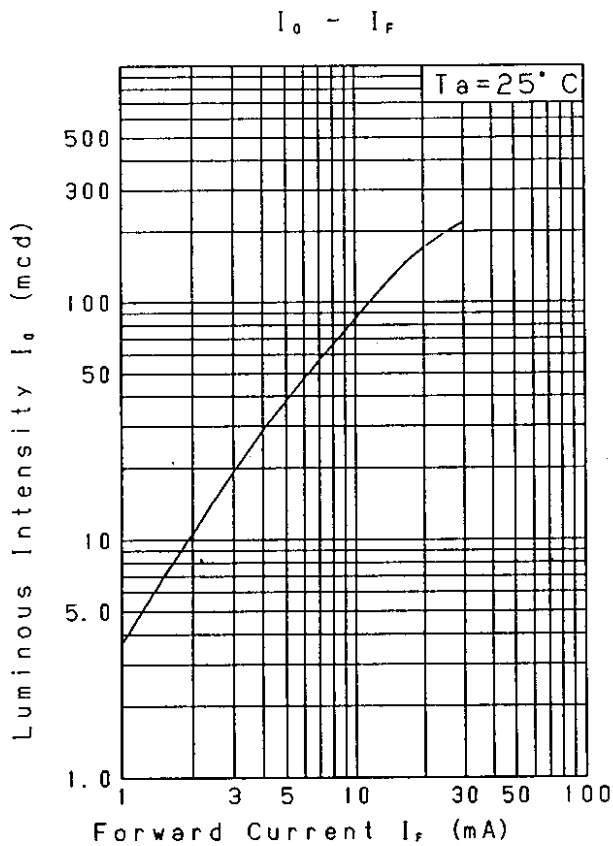
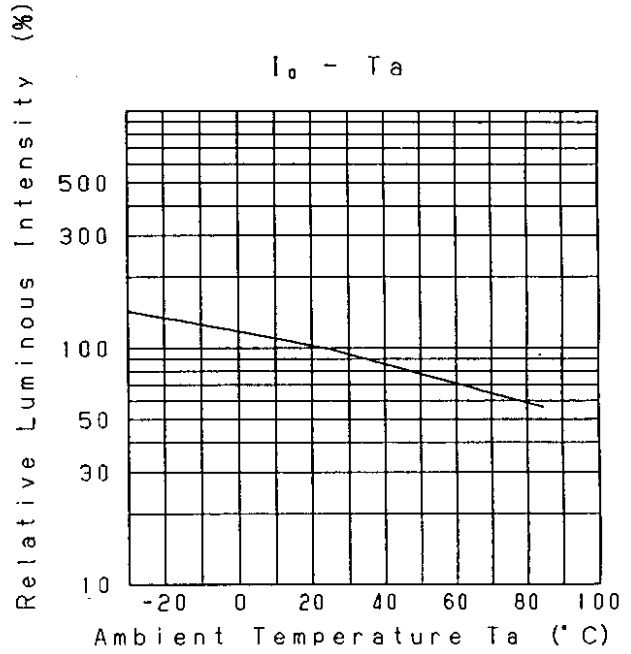
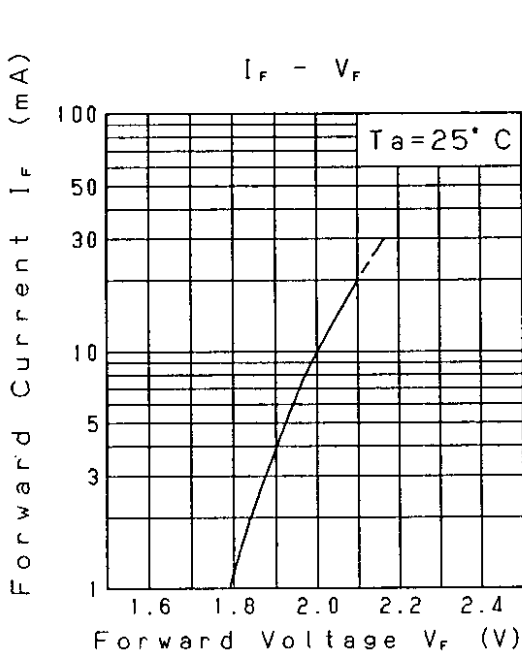
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION					
		T. Takata	P/N: LNJ418C84RA				TEMPORARY	
T Y P E			Amber Light Emitting Diode					
APPLICATION			Indicators					
MATERIAL			InGaAlP					
OUTLINE			Attached					
ABSOLUTE MAXIMUM RATINGS			P	*I _{FP}	I _{FDC}	V _R	Topr	Tstg
			55	60	20	4	-30~+85	-40~+100
			mW	mA	mA	V	°C	°C
CONDITION			T _a = 25 ± 3°C					
Test Specification								
I t e m	Symbol	C o n d i t i o n	Typ	Limit		Unit		
				Min	Max			
Forward Voltage	V _F	I _F = 10 mA	2.0		2.5	V		
Reverse Leakage Current	I _R	V _R = 4 V			100	μA		
Luminous Intensity	I _O	I _F = 10 mA DC	85	45		mcad		
Peak Emission Wavelength	λ _p	I _F = 10 mA DC	595			nm		
Spectral Line Half Width	Δλ	I _F = 10 mA DC	15			nm		
<p>*1. The Condition of I_{FP} is duty 10%, Pulse width 1 ms</p> <p>*2. Tolerance of luminous intensity: ±20%.</p> <p>NOTE</p> <p>★1. Please contact the Panasonic local office if you design at low current (below 1mA DC) or pulse-current operation and have any questions.</p> <p>★2. Soldering conditions...Refer to Handling note.</p> <p>★3. Compositions of the lead ... Cu/Ni/Au plating</p> <p>★4. Beware of destruction by static electricity in handling the LED.</p> <p>★5. Circuit to operate LED.</p>								
					(A) Recommended circuit.			
					(B) The difference of brightness between the LED could be found due to the V _F characteristics of each LED.			
Nov. 7. 2001								

Approved	Checked	Designed
		T. Takata

DEVELOPMENT SPECIFICATION

P/N: LNJ418C84RA

TEMPORARY



Nov. 7. 2001

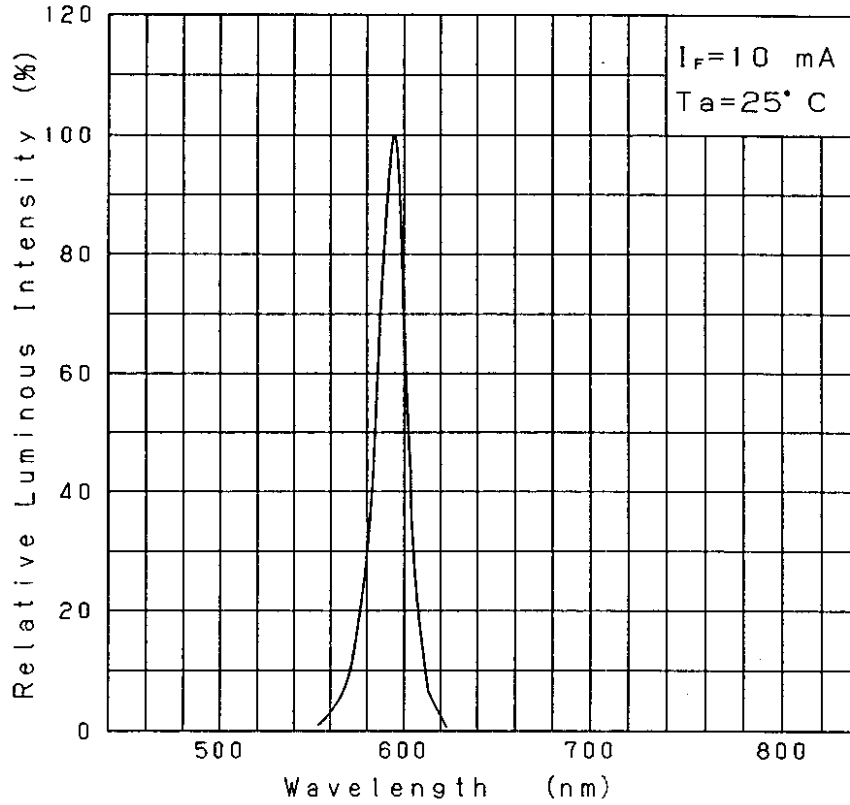
Approved	Checked	Designed
		T. Takata

DEVELOPMENT SPECIFICATION

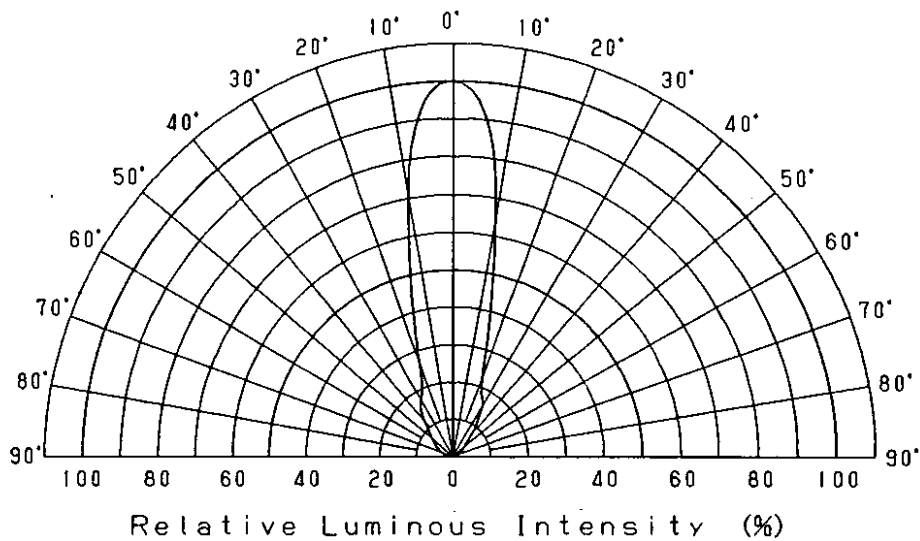
P/N: LNJ418C84RA

TEMPORARY

Relative Luminous Intensity
Wavelength Characteristics

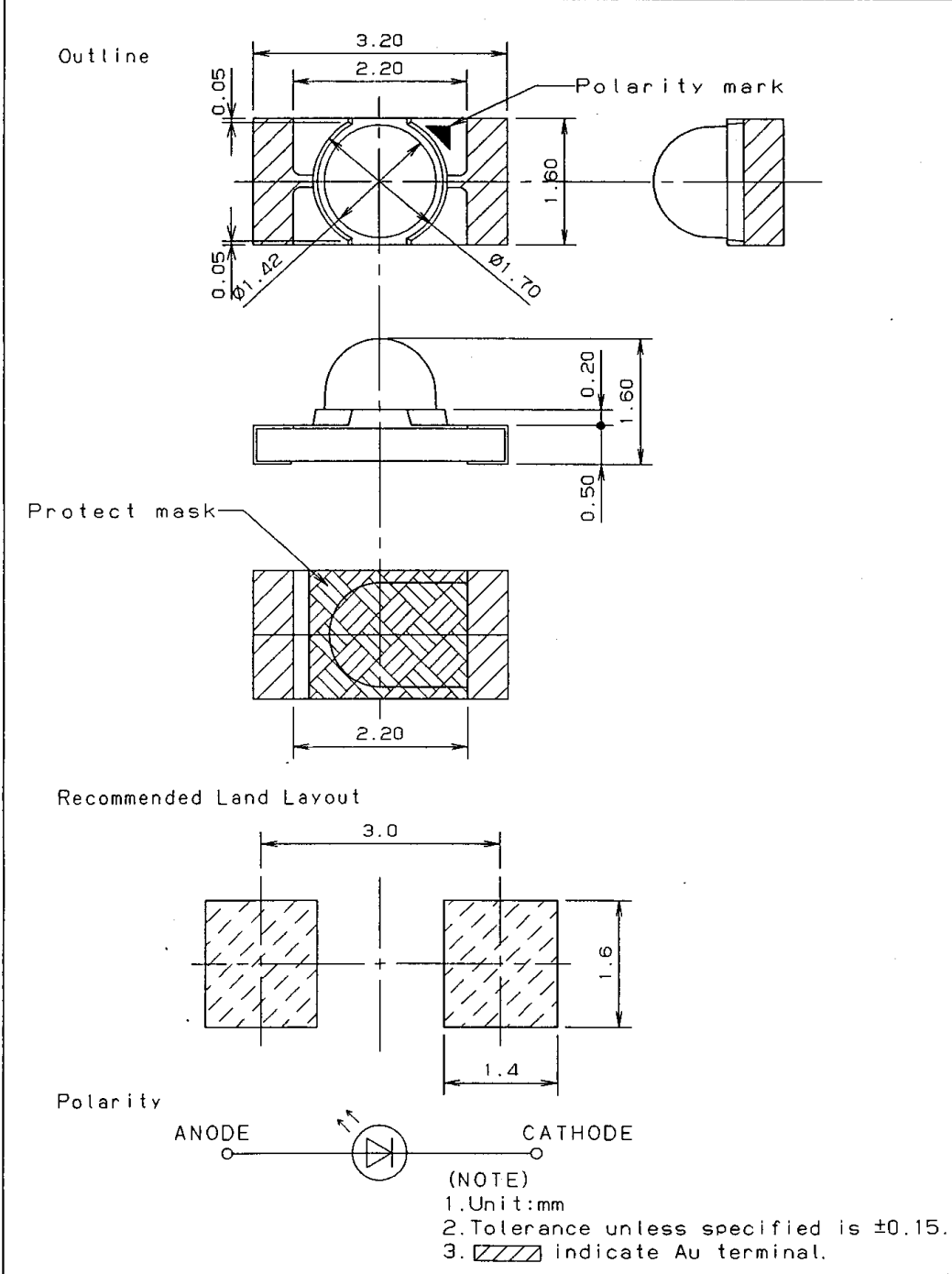


Directive Characteristics



Nov. 7. 2001

Approved <i>T. S. H. K.</i>	Checked <i>n. h. k.</i>	Designed <i>T. Tabata</i>	DEVELOPMENT SPECIFICATION (OUTLINE) P/N: _____	TEMPORARY



Jul. 5.2001			
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