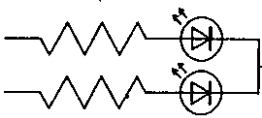
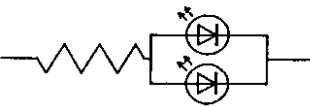
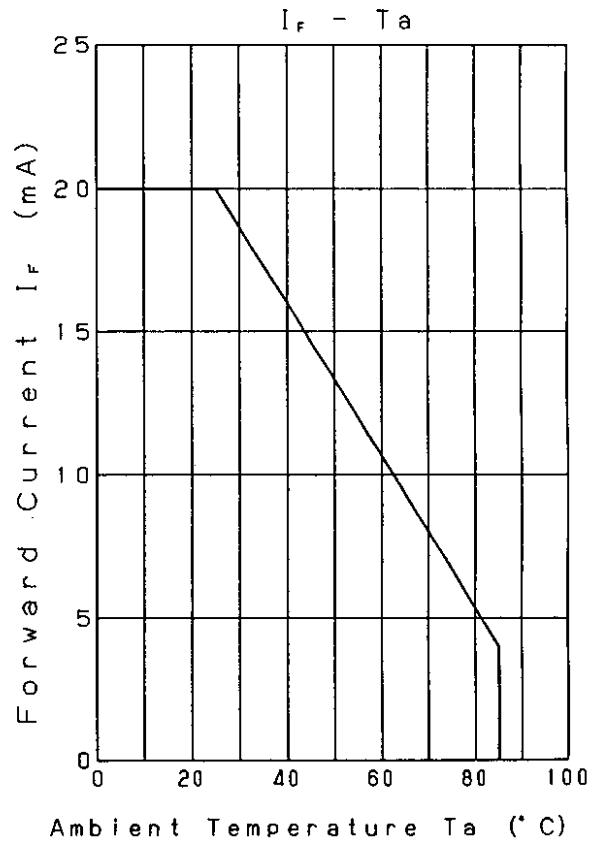
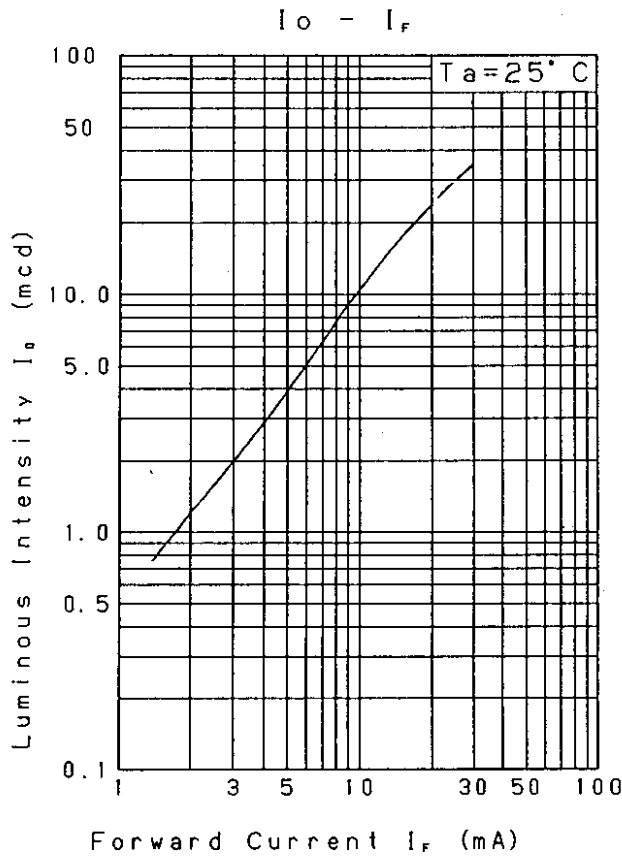
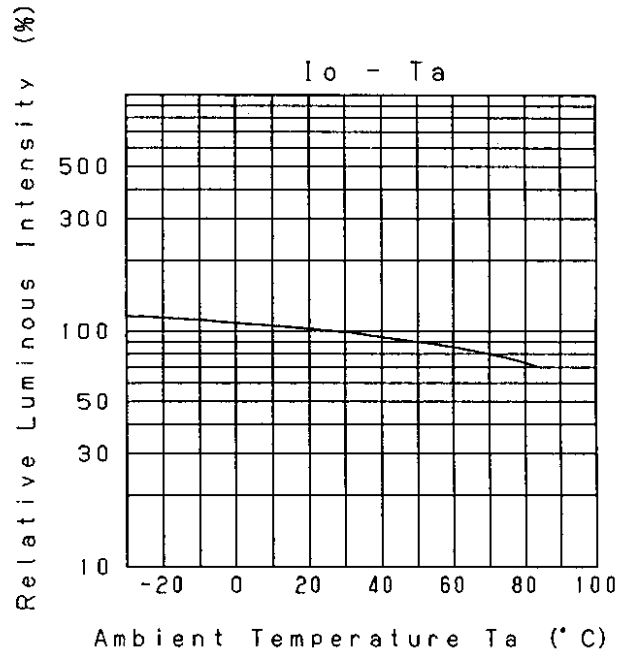
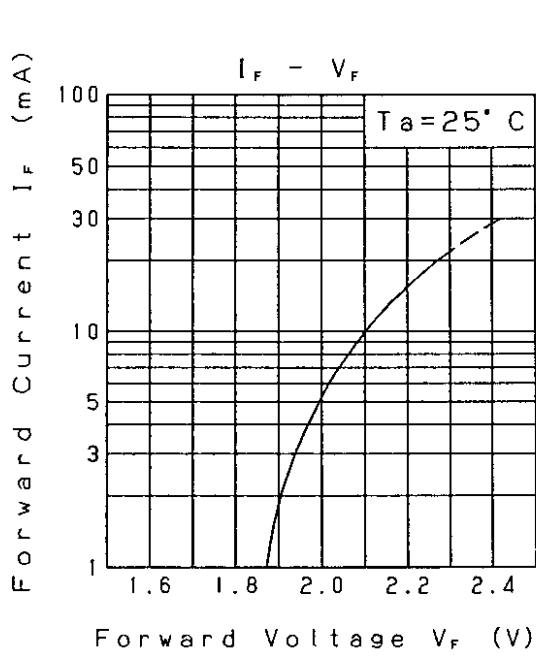


Approved	Checked	Designed	DEVELOPMENT SPECIFICATION				TEMPORARY	
		<i>T. Takata</i>	P/N: LN J 3 1 8 C 8 4 R A					
T Y P E	Green Light Emitting Diode							
A P P L I C A T I O N	Indicators							
M A T E R I A L	GaP							
O U T L I N E	Attached							
A B S O L U T E M A X I M U M R A T I N G S	P	*1 I _{FP}	I _{FDC}	V _R	Topr	Tstg		
	60	60	20	4	-30~+85	-40~+100		
	mW	mA	mA	V	°C	°C		
C O N D I T I O N	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	2.1		2.6	V		
Reverse Leakage Current	I _R	V _R = 4 V			10	μA		
Luminous Intensity *2	I _O	I _F = 10 mA DC	10.5	5.6		mcd		
Peak Emission Wavelength	λ _p	I _F = 10 mA DC	560			nm		
Spectral Line Half Width	Δλ	I _F = 10 mA DC	25			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. Circuit to operate LED.</p>								
						<p>(A) Recommended circuit.</p> <p>(B) The difference of brightness between the LED could be found due to the V_F characteristics of each LED.</p>		
Nov. 7. 2001								

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION	TEMPORARY
		T. Takata		



Nov. 7. 2001

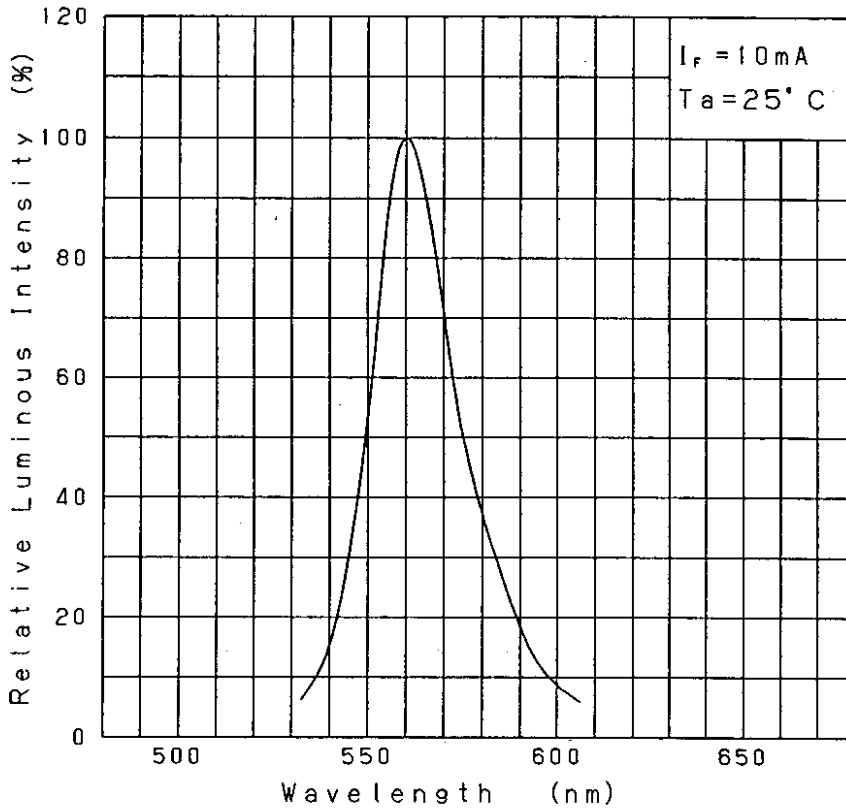
Approved	Checked	Designed
		T. Takahata

DEVELOPMENT SPECIFICATION

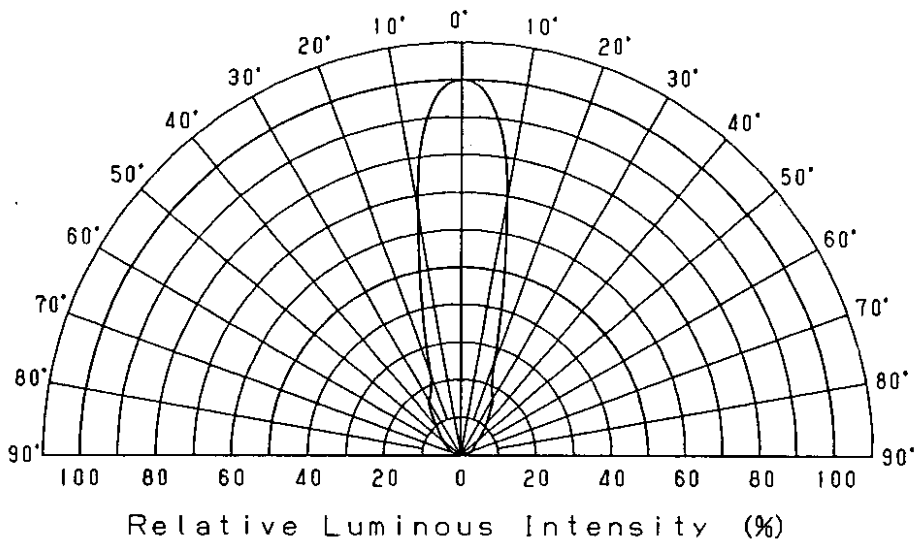
P/N: LNJ318C84RA

TEMPORARY

Relative Luminous Intensity
Wavelength Characteristics

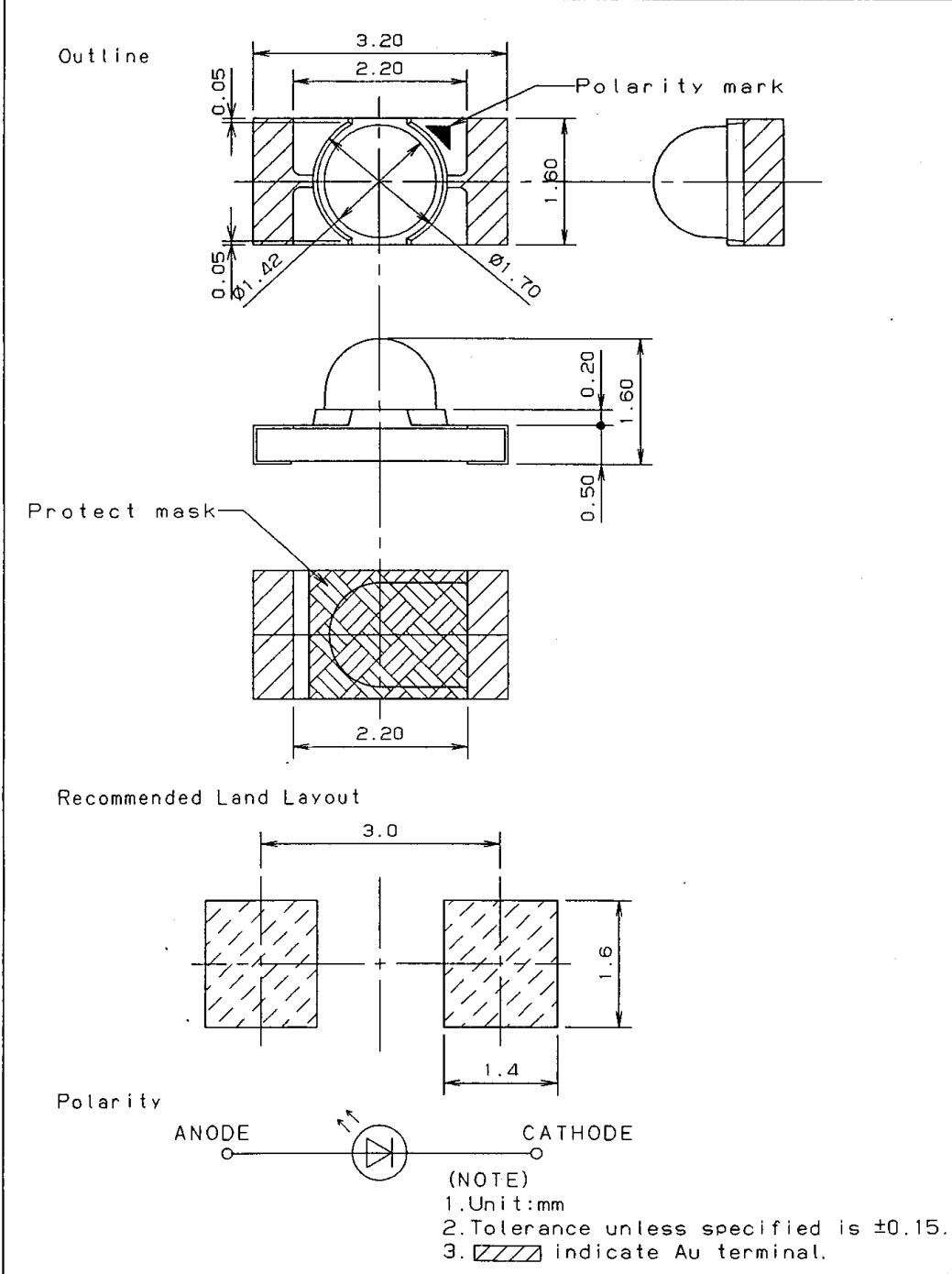


Directive Characteristics



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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