Approved	Checked	Designed
		K. Ozeki

DEVELOPMENT SPECIFICATION

P/N : LN1371GTRP

TYPE	Green Light Emitting Diode
APPLICATION	Indicators
MATERIAL	GaP
OUTLINE	Attached

ABSOLUTE MAXIMUM RATINGS	P	※ I_{FP}	I_{FDC}	V_R	Topr	Tstg
	60	60	20	4	-25～+85	-30～+100
	mW	mA	mA	V	℃	℃

CONDITION : Ta = 25 ± 3 ℃

Test Specification

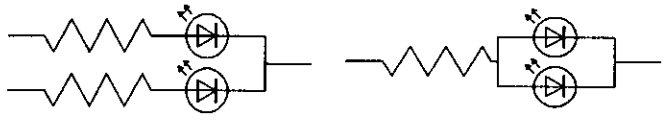
Item	Symbol	Condition	Typ	Limit		Unit
				Min	Max	
Forward Voltage	V_F	I_F=10 mA	2.03		2.6	V
Reverse Leakage Current	I_R	V_R= 4 V			10	μA
Luminous Intensity	I_O	I_F=10 mA・DC	2.6	0.9		mcd
Peak Emission Wavelength	λp	I_F=10 mA・DC	565			nm
Spectral Line Half Width	Δλ	I_F=10 mA・DC	30			nm

※ ・ 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.

NOTE

1. Compositions of the lead ··· Cu/Ni/Au plating
2. Soldering conditions.
   Refer to Handling note.
3. Care should be taken that soldering is done within 3-days after opening the dry package and reel.
4. Package:Light green diffusion type.
5. Circuit to operate LED.



(A) (B)

(A) Recommended circuit.
(B) The difference of brightness between the LED could be found due to the V_F characteristics of each LED.

Oct. 27. 2001			

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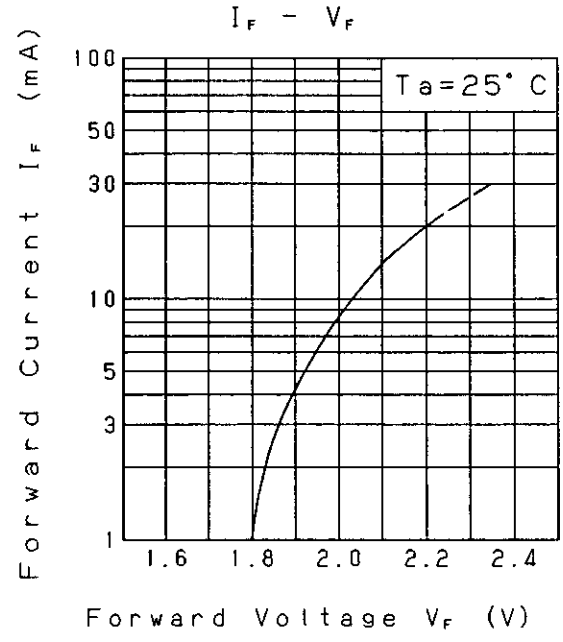
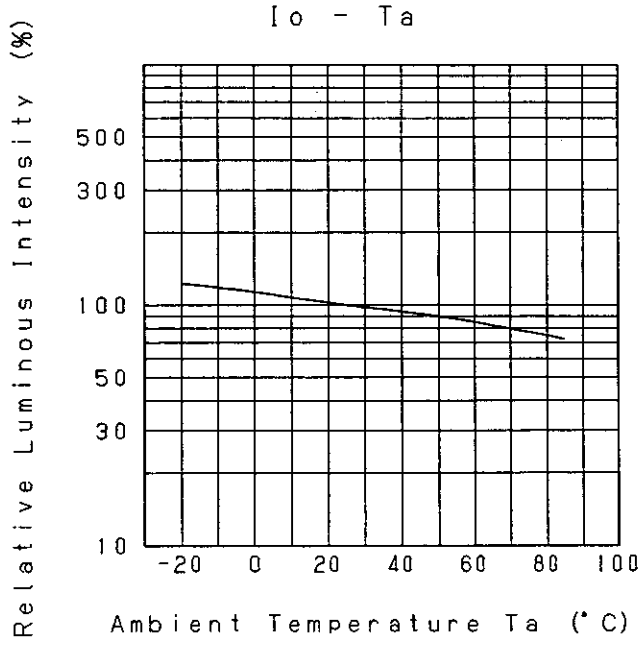
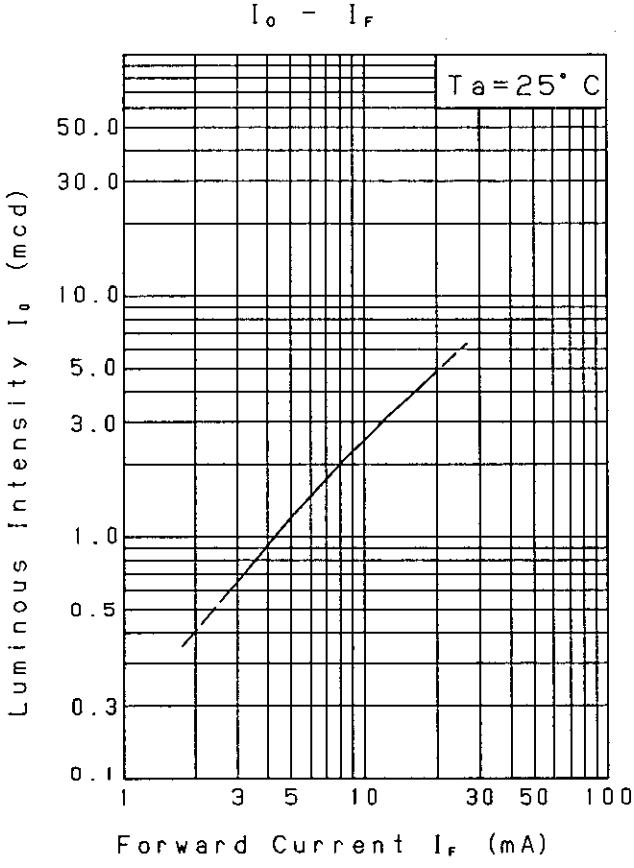
		K. Otomo

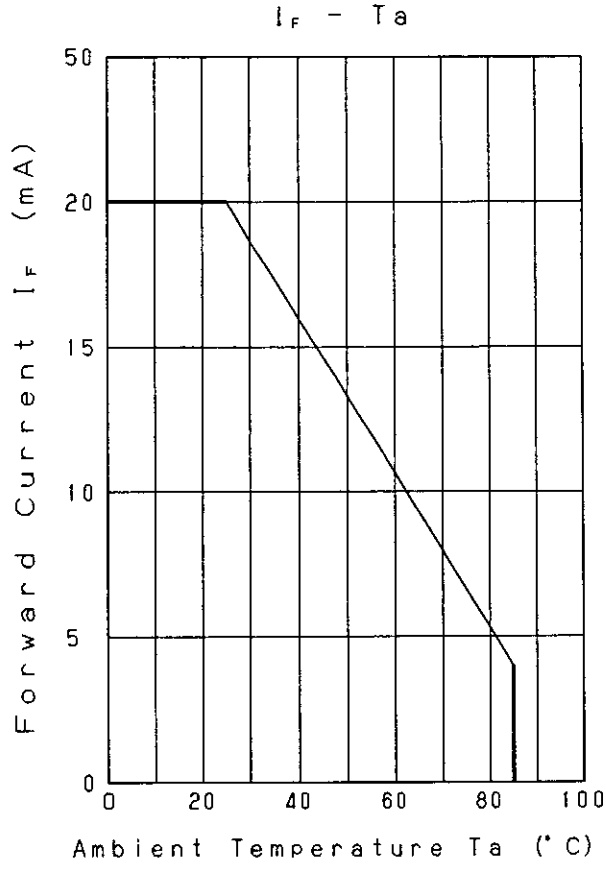
DEVELOPMENT SPECIFICATION

P/N: LN1371GTRP









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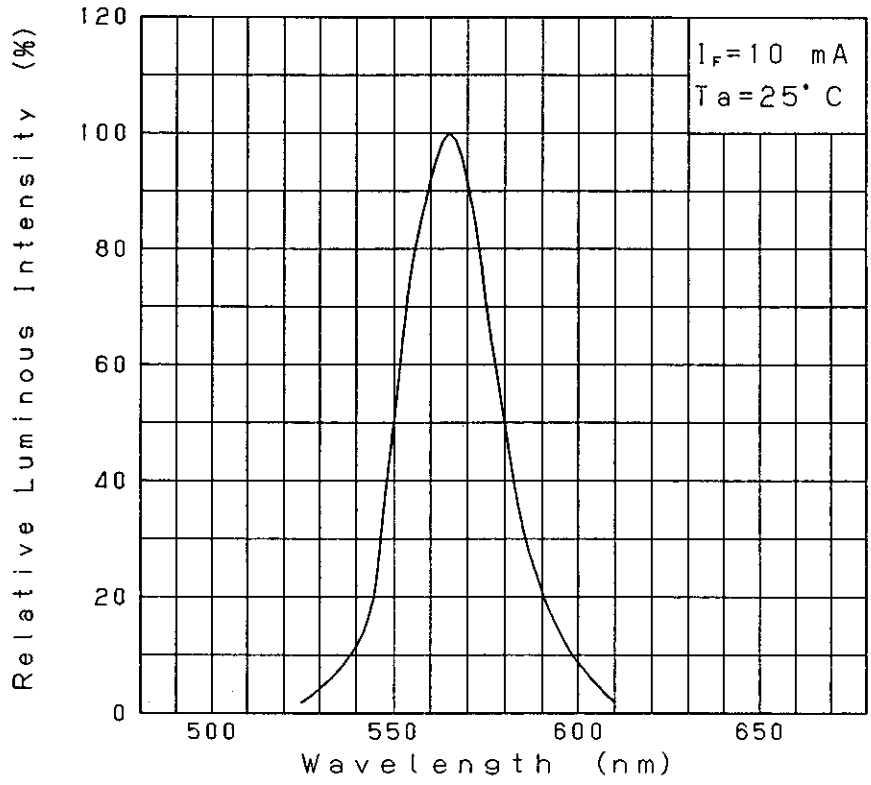
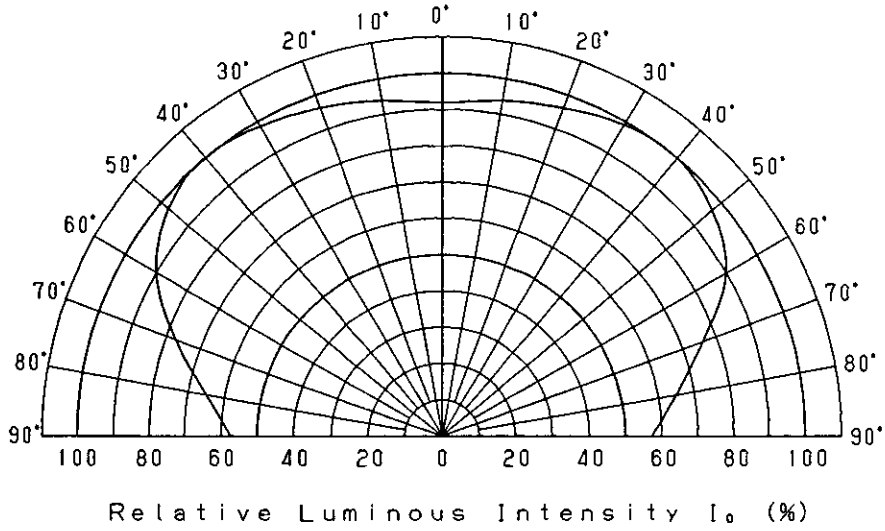
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION
		K. Osamo	P/N: LN1371GTRP

Relative Luminous Intensity
Wavelength Characteristics



Derective Characteristics



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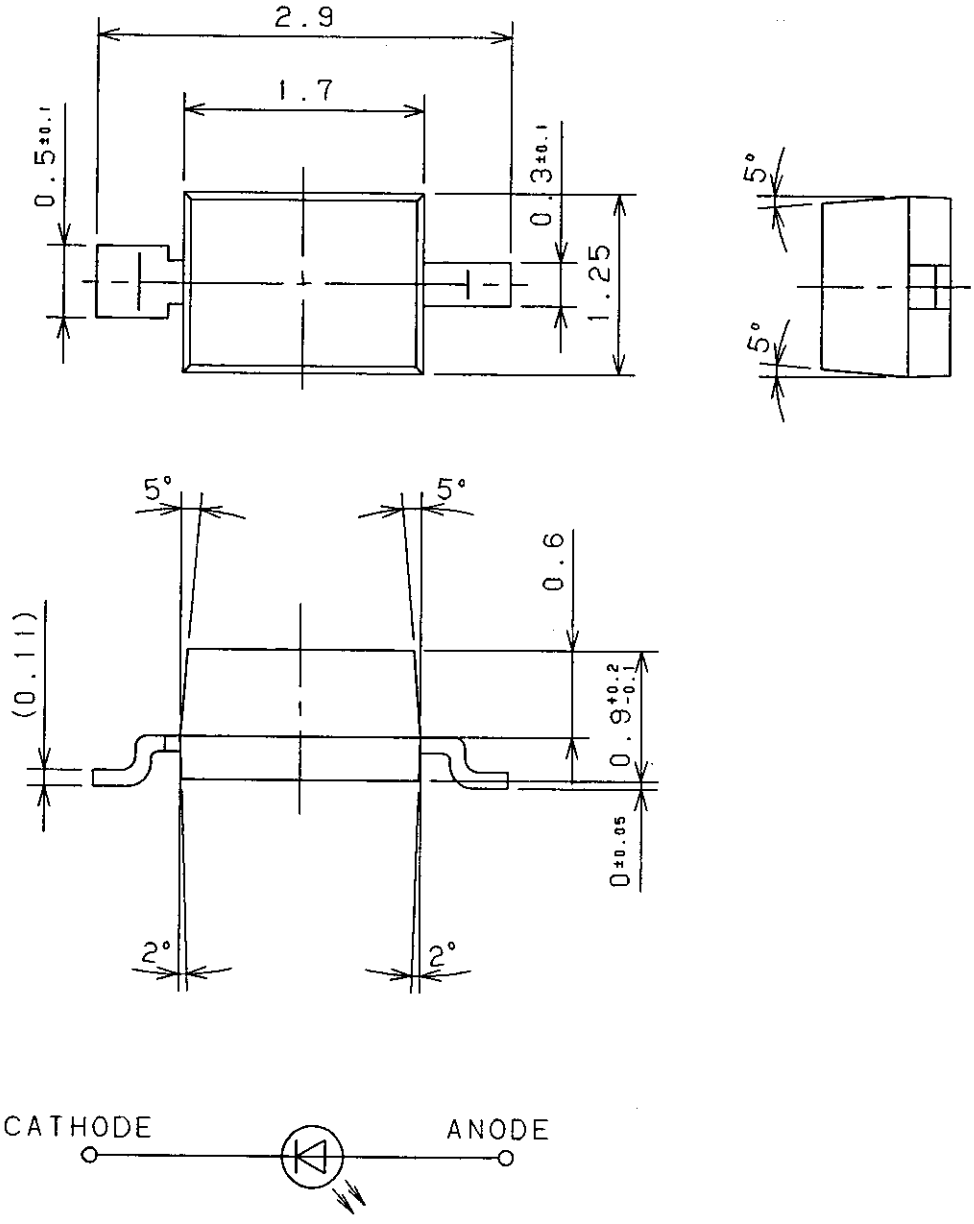
		K. Osumi

DEVELOPMENT SPECIFICATION (OUTLINE)

P/N: LN1371GTRP



(NOTE)
1. Unit: mm
2. Tolerance unless specified is ±0.2.
3. Measurement of the Package doesn't include gete projection.
4. Corner of the package is R 0.2max.
5. Projection's tolerance of the package is R 0.2max.

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