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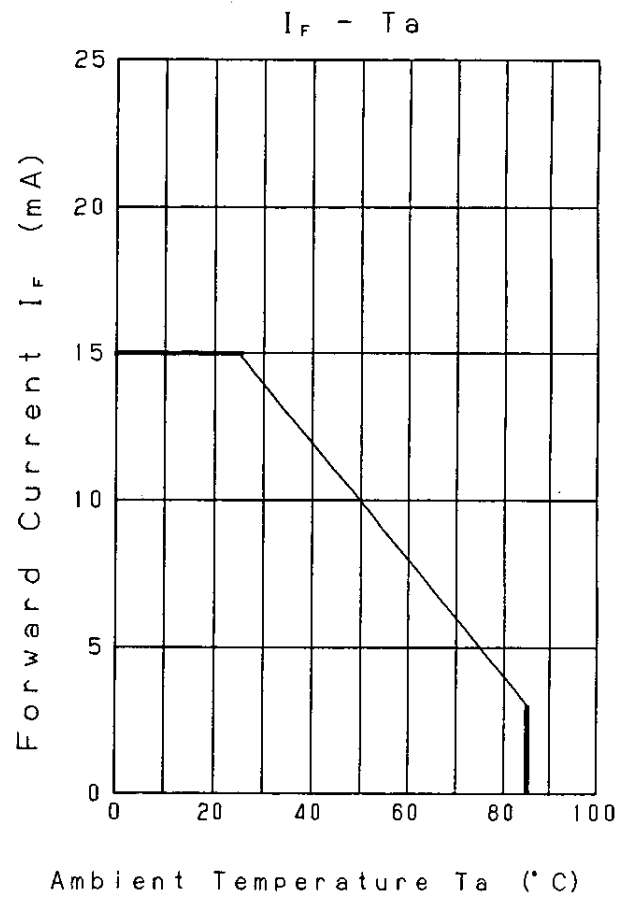
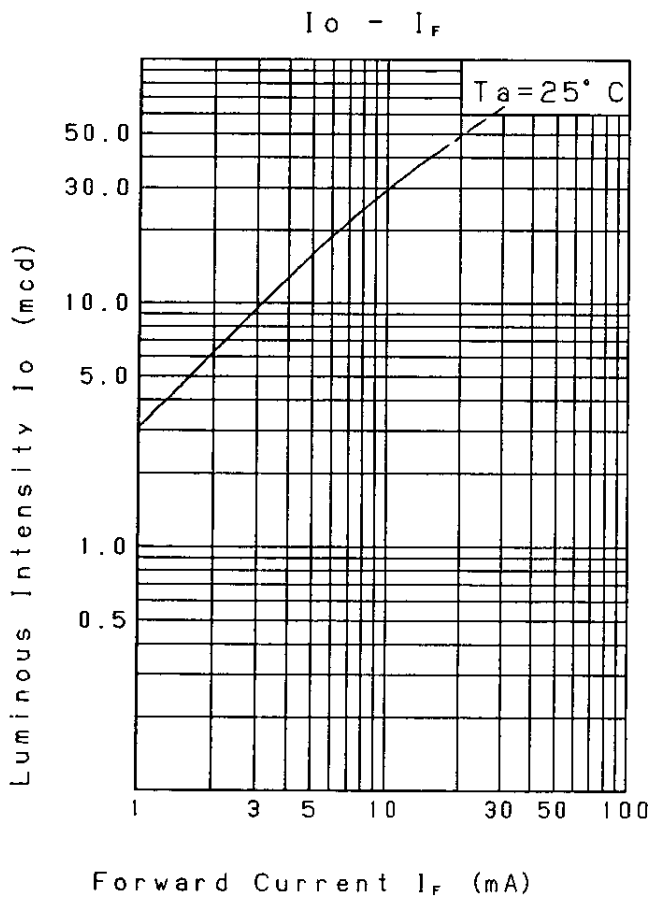
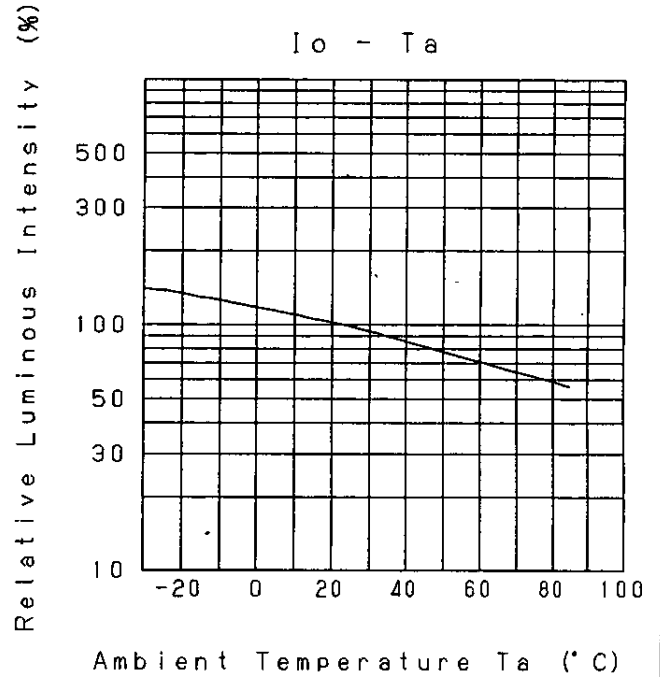
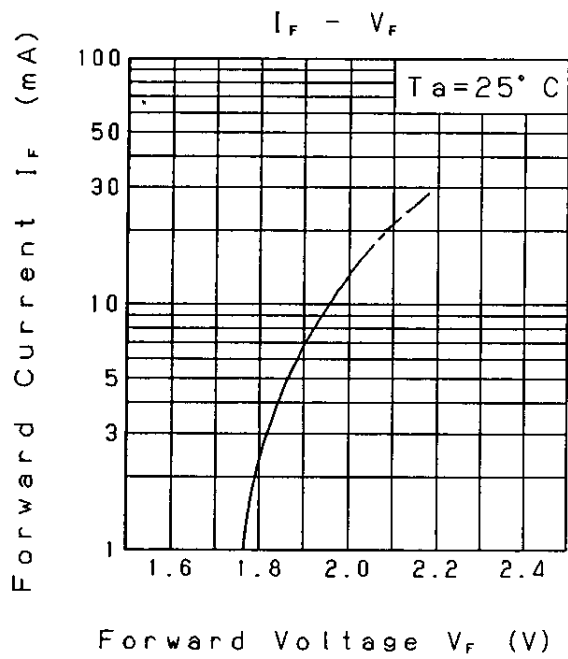
[LNJ814R88RA](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

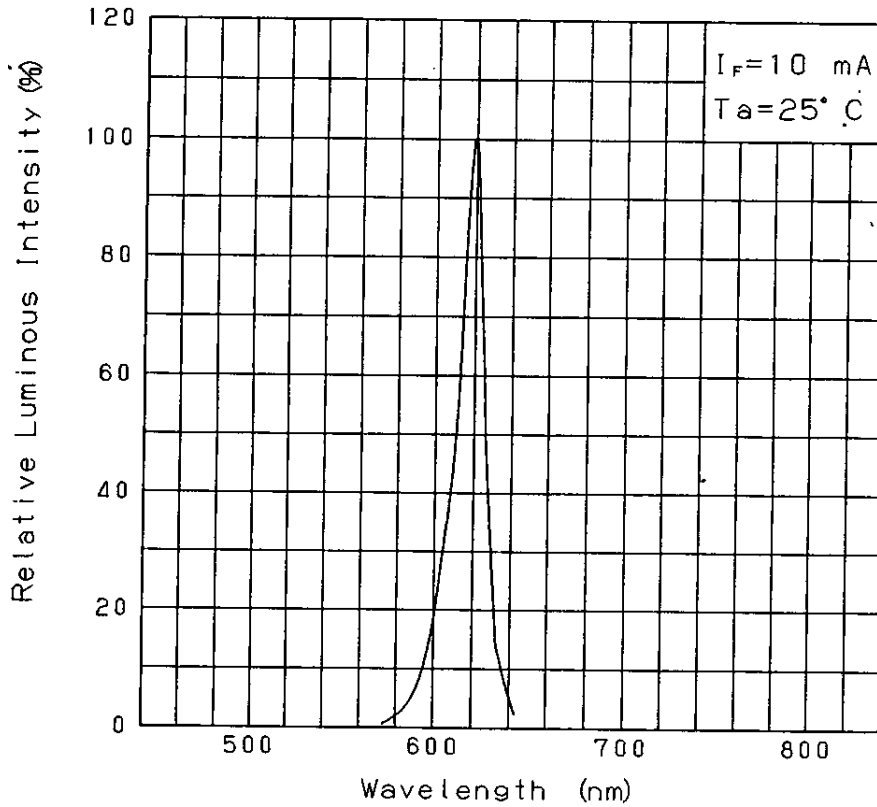
Approved	Checked	Designed	DEVELOPMENT SPECIFICATION				
		<i>K. S. S. S.</i>	Tentative P/N: LNJ814R88RA				
TYPE		Orange Light Emitting Diode					
APPLICATION		Indicators					
MATERIAL		InGaAlP					
OUTLINE		Attached					
ABSOLUTE MAXIMUM RATINGS		P	*1 I _{FP}	I _{DC}	V _R	Topr	Tstg
		40	50	15	4	-30~+85	-40~+100
		mW	mA	mA	V	°C	°C
CONDITION		T _a = 25 ± 3°C					
Test Specification							
Item	Symbol	Condition	Typ.	Limit		Unit	
				Min	Max		
Forward Voltage	V _F	I _F = 10 mA	1.95		2.5	V	
Reverse Leakage Current	I _R	V _R = 4 V			100	μA	
Luminous Intensity *2	I _O	I _F = 10 mA DC	30	16		mcd	
Peak Emission Wavelength	λ _p	I _F = 10 mA DC	620			nm	
Spectral Line Half Width	Δλ	I _F = 10 mA DC	17			nm	
<p>*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.</p> <p>*2 Measurement Tolerance is ±20 %.</p>							
<p>NOTE</p> <p>★1. Terminal: Plated with gold on copper base.</p> <p>★2. Beware of destruction by static electricity in handling the LED.</p> <p>★3. Soldering conditions. Refer to Handling note.</p> <p>★4. Care should be taken that soldering is done within 7-days after opening the dry package and reel.</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.			
Oct. 202001							

Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative P/N: LNJ814R88RA			
		<i>K. Sakurai</i>				

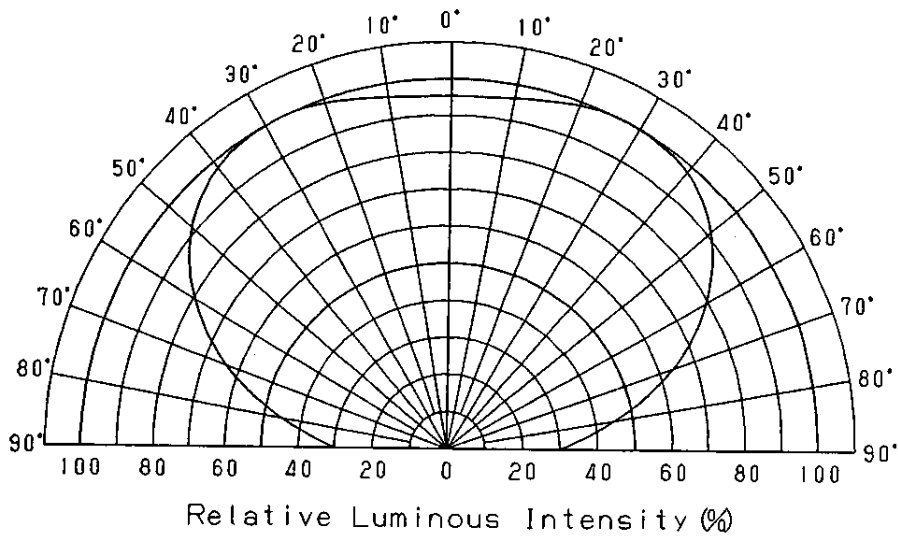


Approved	Checked	Designed	DEVELOPMENT SPECIFICATION Tentative P/N : LNJ814R88RA			
		<i>K. A. [Signature]</i>				

Relative Luminous Intensity
 Wavelength Characteristics

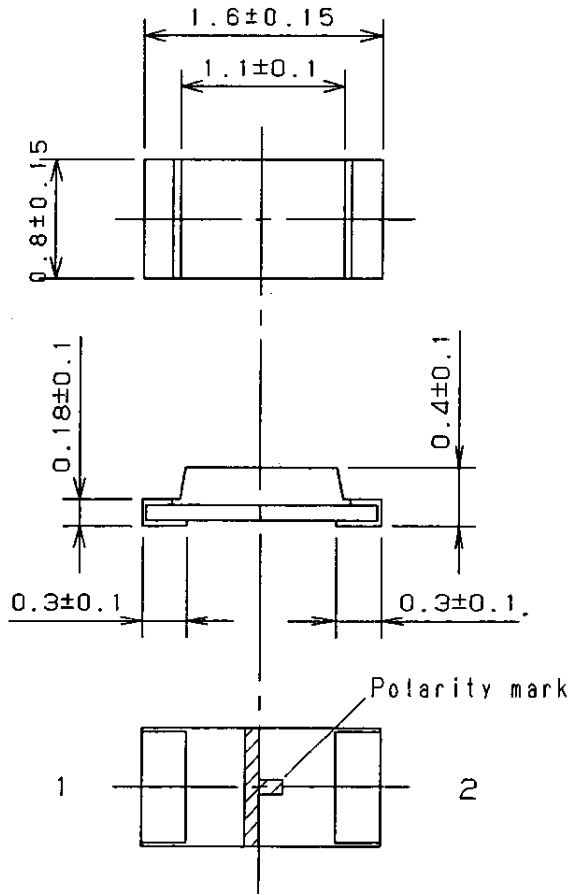


Directive Characteristics

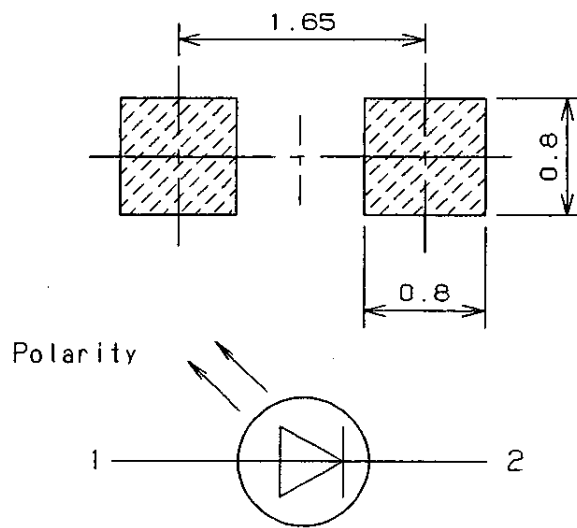


Oct. 20. 2001

Approved	Checked	Designed <i>K. Ishikawa</i>	DEVELOPMENT SPECIFICATION (OUTLINE) Tentative P/N:LNJ814R88RA		



Recommended Land Layout



1: Anode
2: Cathode

(NOTE)

1. Measurement of the package doesn't include electrode projection.
2. Unit: mm

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