



PRODUCT SPECIFICATION

Model No.: FYL-3014KUBC1A

Descriptions:
■ Dice material: InGaN.
■ Emitting Color: Super Bright Blue.
■ Device Outline: Φ3mm round type.
■ Lens Type: Water clear.



CUSTOMER APPROVED SIGNATURES	APPROVED BY	SALES BY	PREPARED BY
			

NINGBO FORYARD OPTOELECTRONICS CO.,LTD

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Zip:315103

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■ Absolute Maximun Ratings(Ta=25° C)

Parameter	MAX.	Unit
Power Dissipation	90	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	25	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-40°C to +100°C	
Lead Soldering Temperature[4mm(.157") From Body]	260°C for 5 Seconds	

■ Typical Electrical &Optical Charcteristics(Ta=25°C)

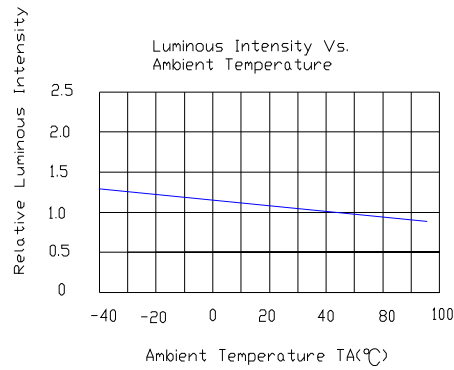
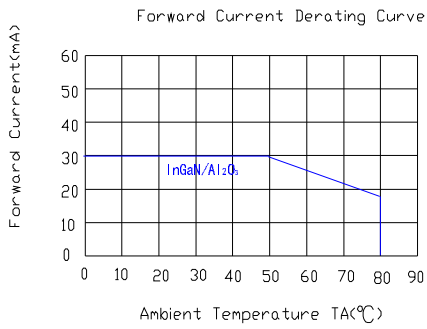
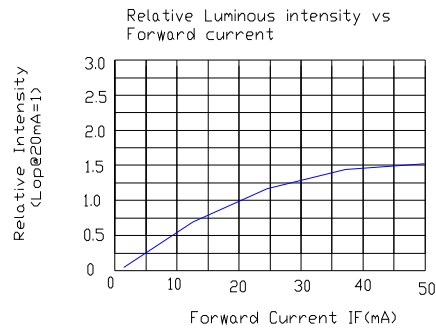
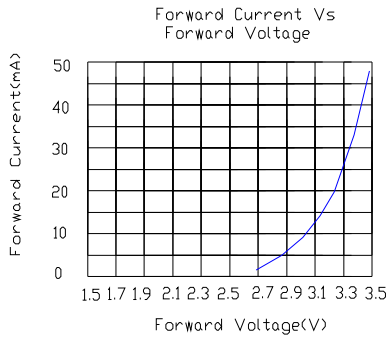
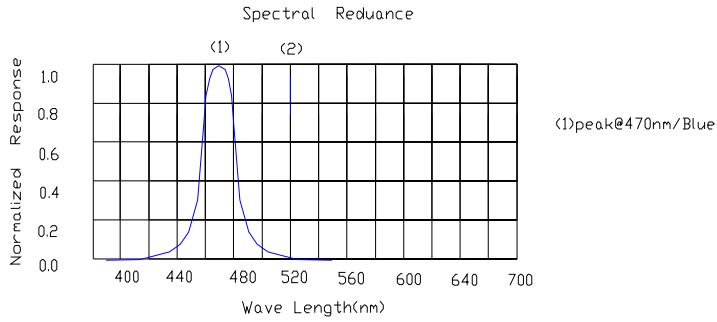
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I_v	2300	3000	-	mcd	IF=20mA
Viewing Angle	$2\theta_{1/2}$	-	25	-	Deg	
Peak Emission Wavelength	λ_p	-	470	-	nm	
Dominant Wavelength	λ_d	465	470	475	nm	
Spectral Line Half-Width	$\Delta\lambda$	-	30	-	nm	
Forward Voltage	V_F	2.8	3.1	3.4	V	VR=5V
Reverse Current	I_R	-	-	10	μA	

Note:

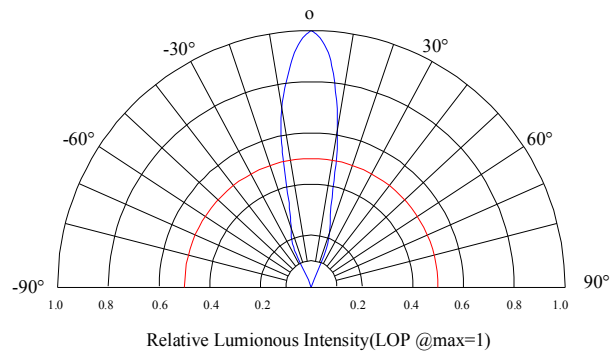
- 1.Luminous Intensity is based on the Foryard standards.
- 2.Pay attention about static for InGaN

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Typical Eletrical/Optical Characteristics Curves(Ta=25° C Unless Otherwise Noted)

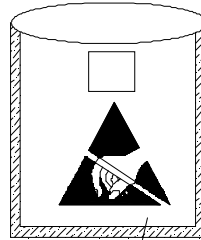
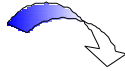


Radiation pattern.

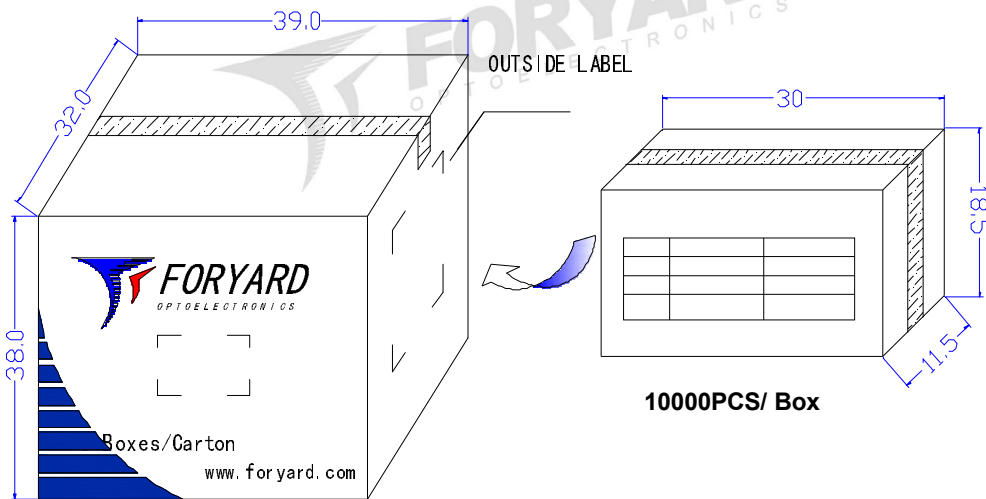
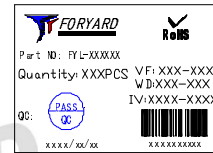


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■ LAMP PACKING.



3.0mm 1000PCS/Polybag



OUTSIDE LABEL