



# PRODUCT SPECIFICATION

**Model No.: FYL-3017YD1A-B**

Descriptions:
<ul style="list-style-type: none"> <li>■ Dice material: GaAsP.</li> <li>■ Emitting Color: Yellow.</li> <li>■ Device Outline: Φ3mm round blinking flash type.</li> <li>■ Lens Type: Yellow Diffused.</li> </ul>



CUSTOMER APPROVED SIGNATURES	APPROVED BY	SALES BY	PREPARED BY
			

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■ Absolute Maximun Ratings(Ta=25°C)

Parameter	MAX.	Unit
Power Dissipation	80	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	150	mA
Continuous Forward Current	30	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)

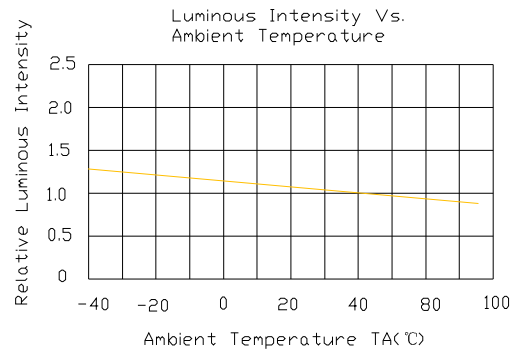
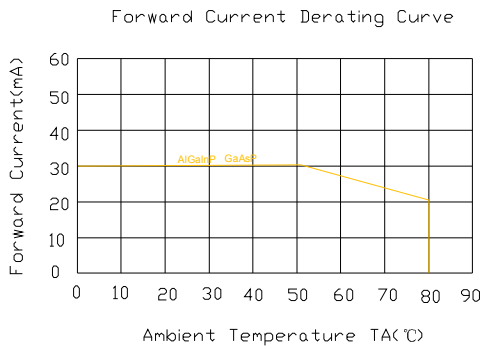
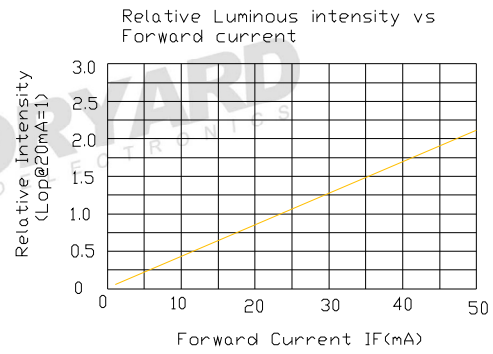
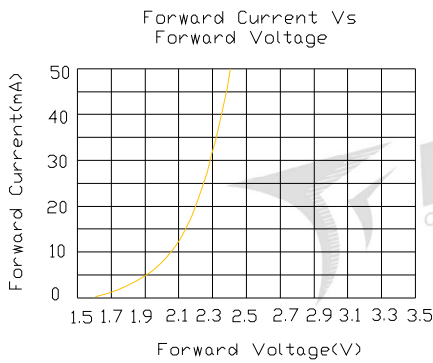
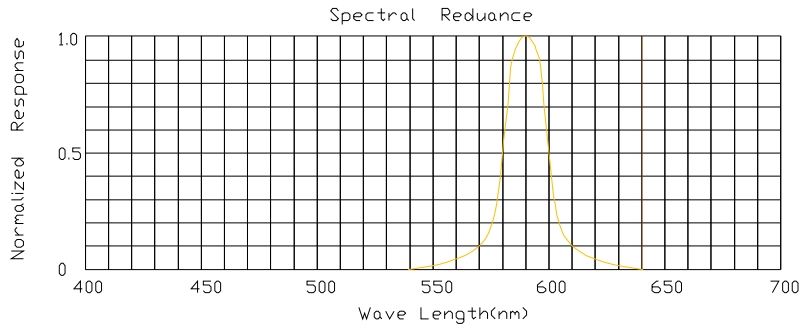
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$I_v$	9	20	45	mcd	IF=20mA
Viewing Angle	$2\theta_{1/2}$	---	45	---	Deg	
Peak Emission Wavelength	$\lambda_p$	---	590	--	nm	
Dominant Wavelength	$\lambda_d$	585	590	595	nm	
Spectral Line Half-Width	$\Delta\lambda$	---	35	--	nm	
Forward Voltage	$V_F$	5	7	--	V	
Blinking Frequency	Fblk	2	2.4	2.8	Hz	VDD=5V
Reverse Current	$I_R$	---	---	10	$\mu A$	VR=5V

Note:

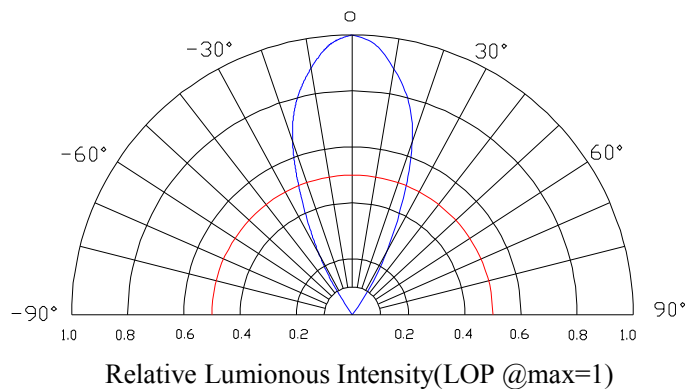
- 1.Luminous Intensity is based on the Foryard standards.
- 2.Pay attention about static for InGaN

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

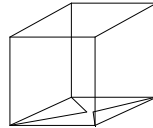
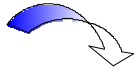


■ Radiation pattern

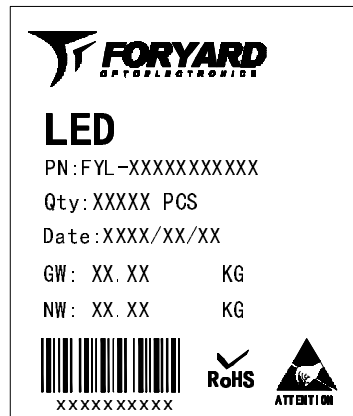
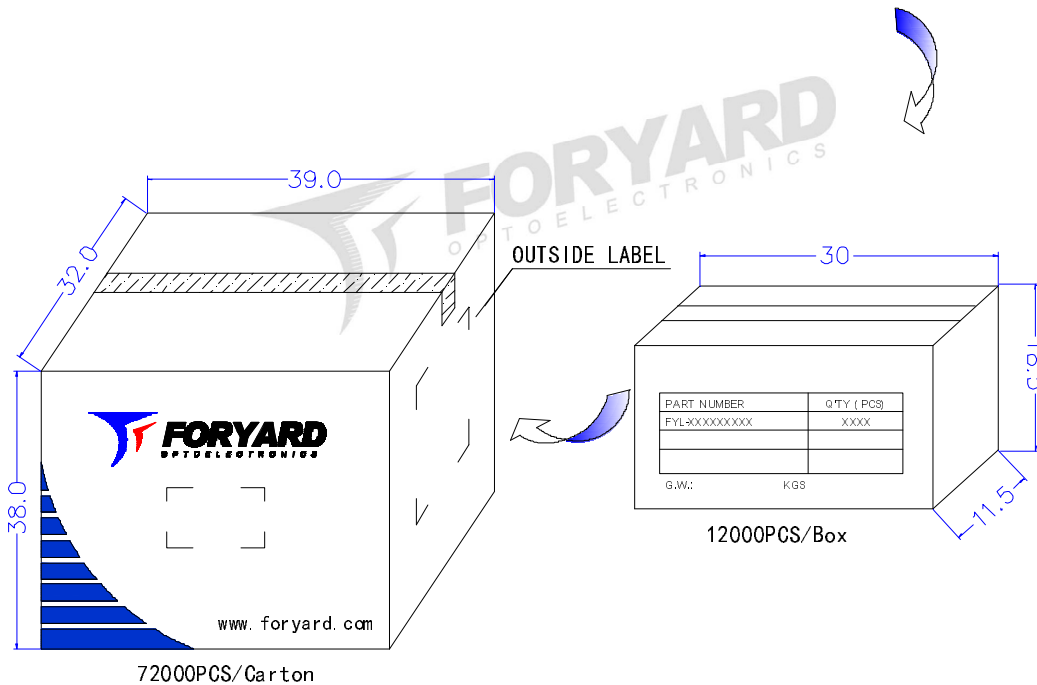


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**■ LAMP PACKING.**



3mm 1000PCS/Polybag



OUTSIDE LABEL

Note: The specifications are subject to change without notice. Please contact us for updated information.