



# PRODUCT SPECIFICATION

**Model No.: FYL-5014PUYC1H-30C-TR13**

## Descriptions:

- Dice material: AlGaInP.
- Emitting Color: Super bright Yellow.
- Device Outline: Φ5mm round type.
- Lens Type: Water clear.



CUSTOMER APPROVED SIGNATURES	APPROVED BY	SALES BY	PREPARED BY
			

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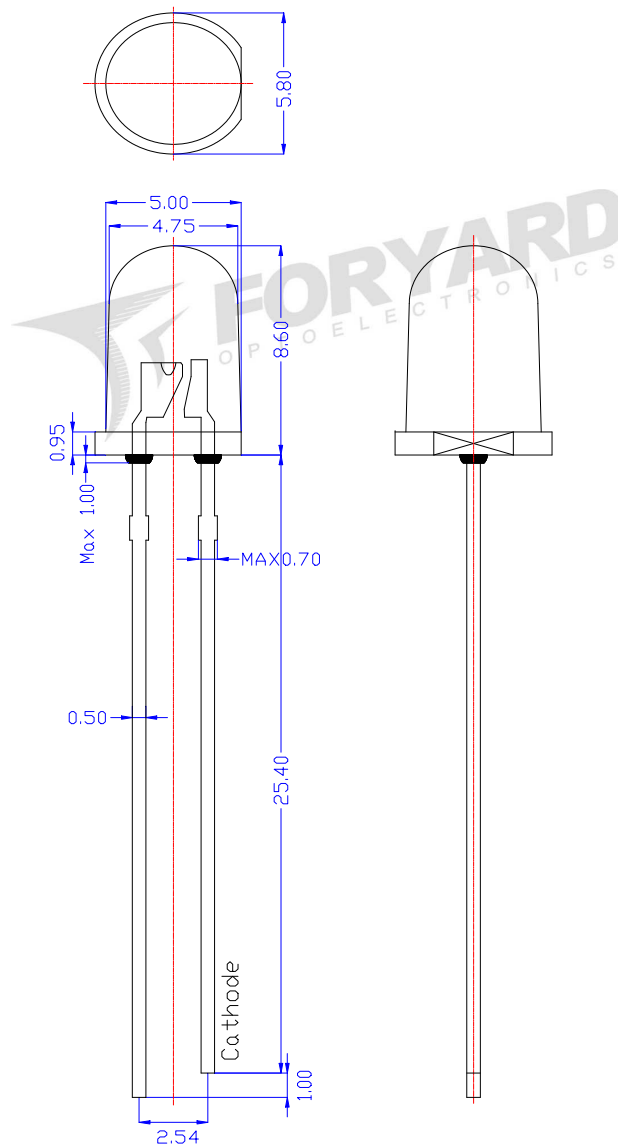
**Http://**www.foryard.com

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■ ⑤ Features

- 1.Low power consumption.
- 2.High efficiency.
- 3.General purpose leads.
- 4.High intensity.
- 5.RoHs compliant.

■ Package configuration



Notes:

1. All dimensions are millimeters
2. Tolerance is  $\pm 0.25\text{mm}(.010\text{'})$  unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

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**Absolute Maximum Ratings(Ta=25° C)**

Parameter	MAX.	Unit
Power Dissipation	75	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-20°C to +85°C	
Storage Temperature Range	-30°C to +100°C	
Lead Soldering Temperature[4mm(.157") From Body]	260°C for 5 Seconds	

**Typical Electrical & Optical Characteristics(Ta=25°C)**

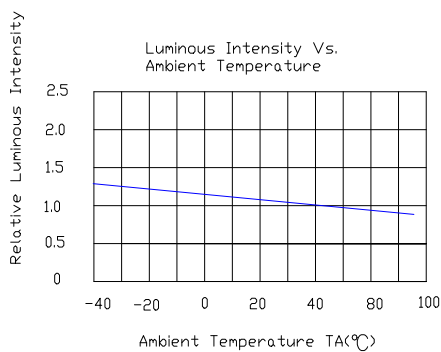
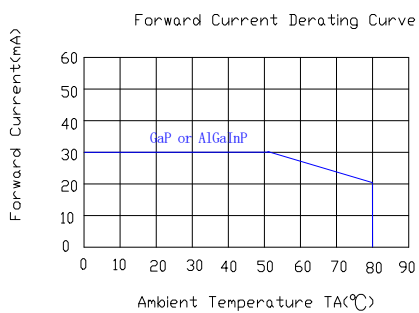
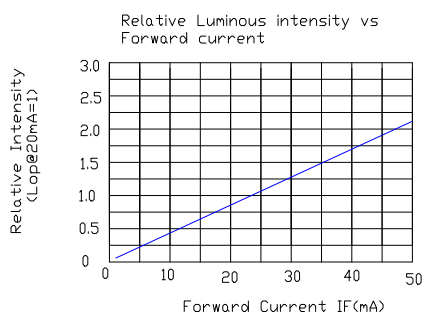
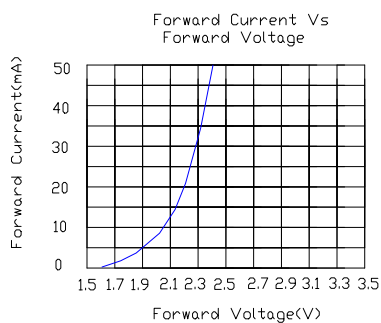
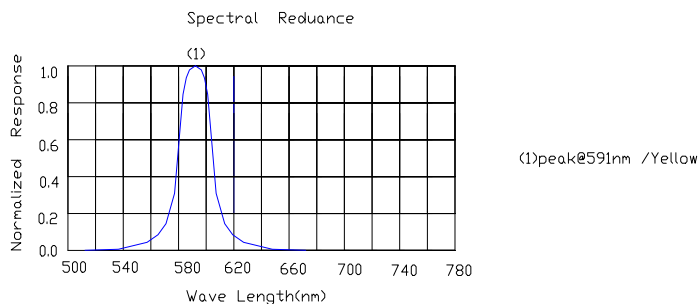
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$I_v$	3800	4750	7500	mcd	IF=20mA
Viewing Angle	$2\theta_{1/2}$	-	30	-	Deg	
Peak Emission Wavelength	$\lambda_p$	-	591	-	nm	
Dominant Wavelength	$\lambda_d$	588	590	592	nm	
Spectral Line Half-Width	$\Delta\lambda$	-	30	-	nm	
Forward Voltage	$V_F$	1.8	2	2.4	V	VR=5V
Reverse Current	$I_R$	-	-	10	$\mu A$	

Note:

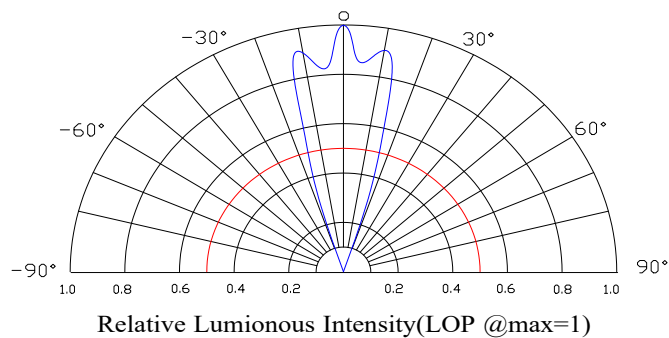
- 1.Luminous Intensity is based on the Foryard standards.
- 2.Pay attention about static for InGaN

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

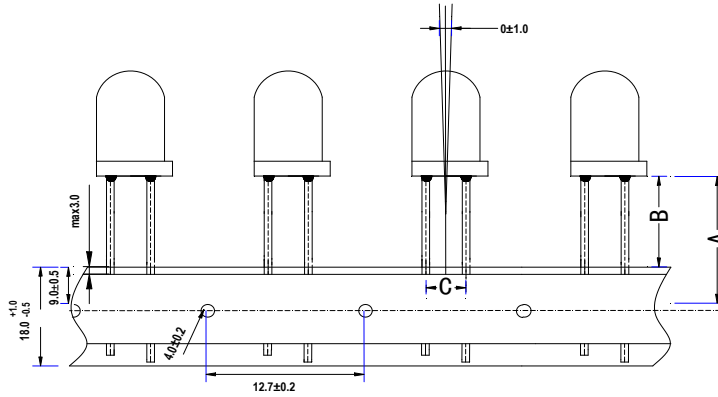


**Radiation pattern.**



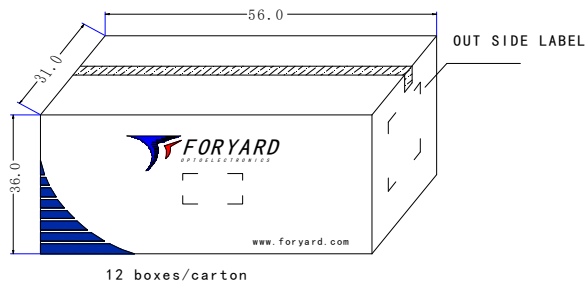
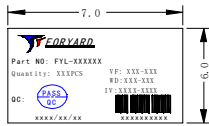
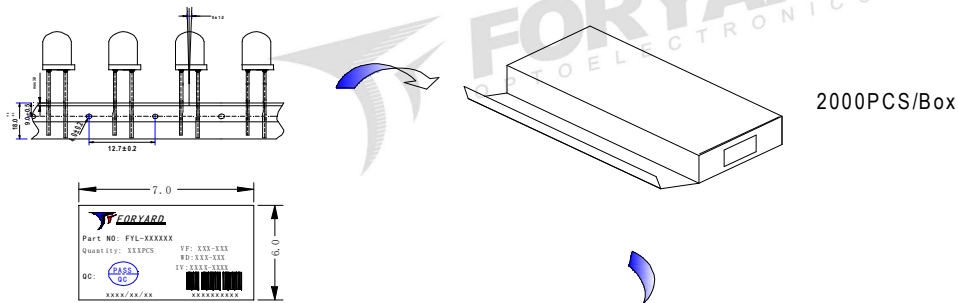
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**⑤ LAMP PACKING.**

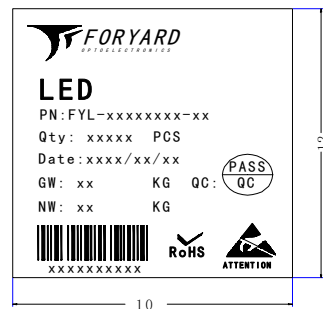


**A:22.0mm±0.5mm, B:13.0±0.5mm, C:2.54mm±0.05mm**

**■ Packaging box for ammo packs**



12 boxes/carton



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