

## FYLF- 1100UB1C

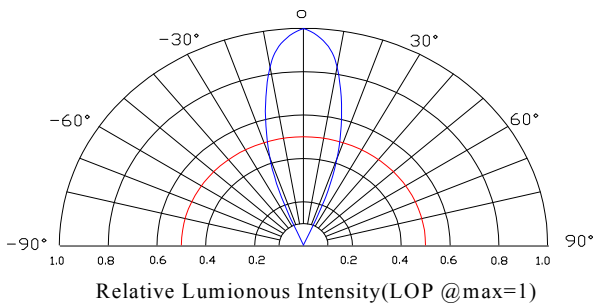
### Features:

- High intensity
- General purpose leads
- RoHs compliant.

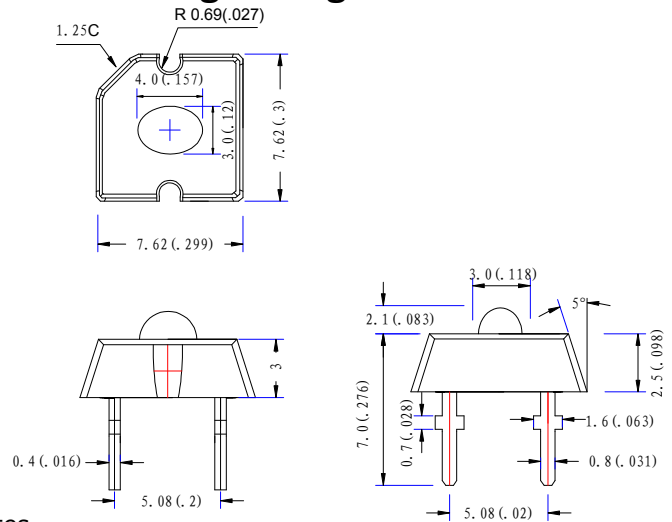
### Descriptions:

- Dice material: InGaN.
- Emitting Color: Super bright Blue.
- Lens Type: Water clear

### Radiation pattern.



### Package configuration



### Notes:

All dimensions are in mm. Tolerance is  $\pm 0.25$  mm unless otherwise noted.

An epoxy meniscus may extend about 1.5 mm down the leads.

Burr around bottom of epoxy may be 0.5 mm max.

### Absolute maximum ratings( $T_a=25^\circ\text{C}$ )

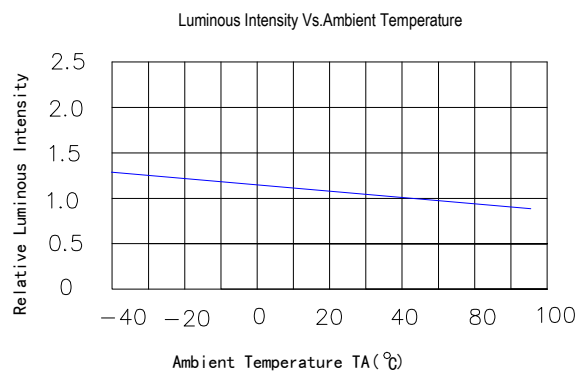
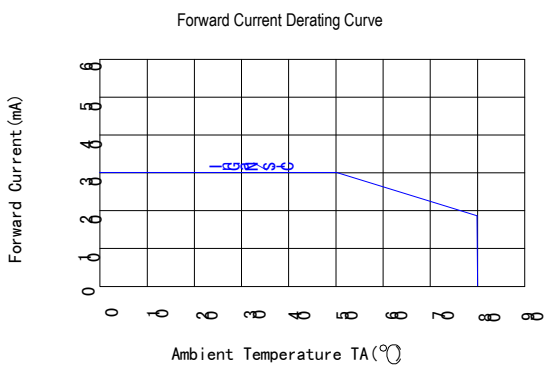
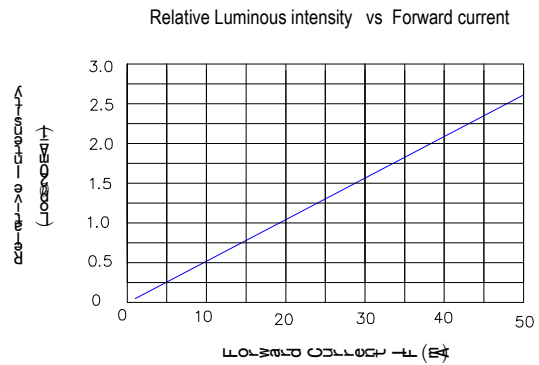
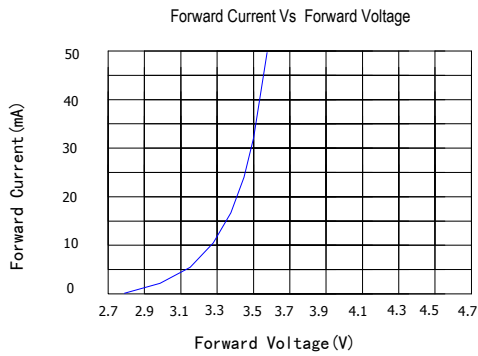
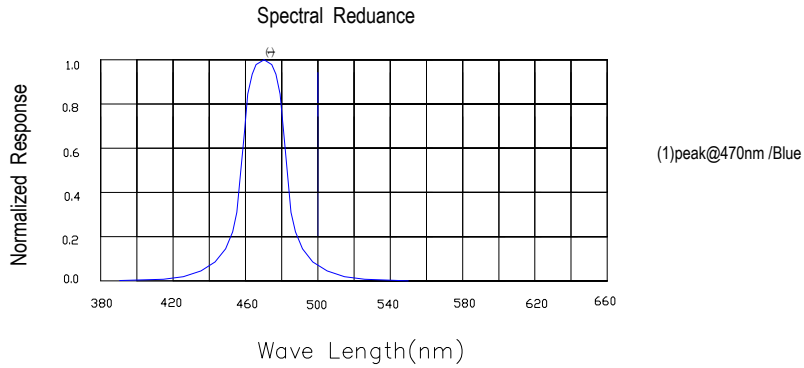
Parameter	MAX.	Unit
Power Dissipation	120	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	<b>-20°C to 80°C</b>	
Storage Temperature Range	<b>-30°C to 100°C</b>	
Lead Soldering Temperature [4mm(.157") From Body]	<b>260°C for 5 Seconds</b>	

### Electrical and optical characteristics( $T_a=25^\circ\text{C}$ )

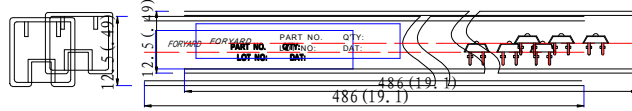
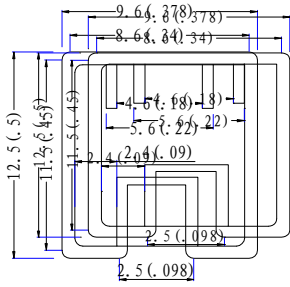
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$I_v$	-	1500	-	mcd	$I_F=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	35	40	45	Deg	
Peak Emission	$\lambda_p$		470		nm	
Dominant Wavelength	$\lambda_d$	465	-	475	nm	
Luminous Flux	$\Phi_v$		0.9		LM	
Forward Voltage	$V_F$	2.8	3.2	3.6	V	
<b>Reverse Current</b>	$I_R$			10	$\mu\text{A}$	$V_R=5\text{V}$

- ✧ Tolerance of measurement of forward voltage is  $\pm 0.1\text{V}$
- ✧ Tolerance of measurement of luminous intensity or flux is  $\pm 15\%$ .
- ✧ Tolerance of measurement of dominant wavelength is  $\pm 1\text{nm}$ .

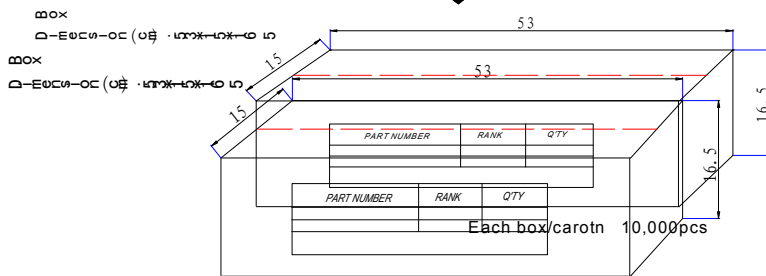
## Typical Electrical Characteristics Curves (25 °c Ambient Temperature Unless Otherwise Noted)



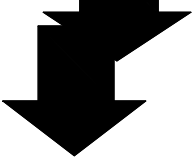
## Flux LEDs PACKING.



Adhesive Pipe  
 Adhesive Pipe 60 pcs  
 Dimension Adhesive Pipe 60 pcs  
 Each Adhesive Pipe 60 pcs

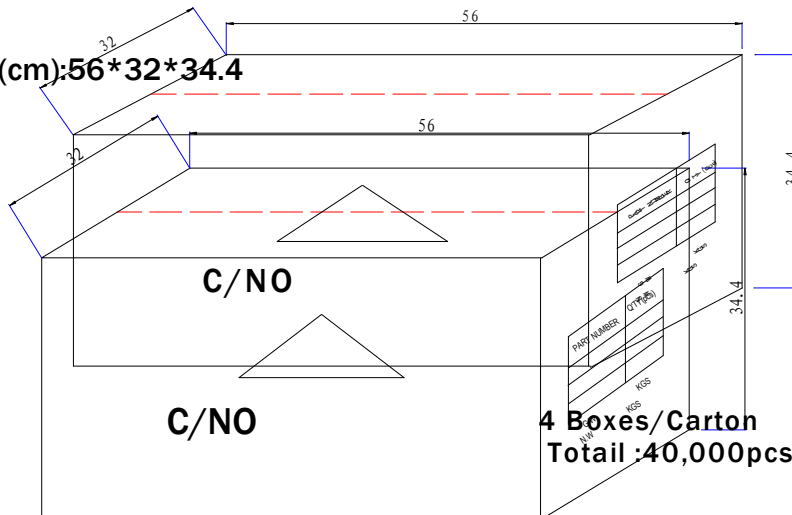


Each box/carotn 10,000 pcs



**CARTON**  
 Dimension(cm):56\*32\*34.4

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**4 Boxes/Carton**  
**Total :40,000 pcs**