FLUX LED LAMP

FYLF- 1100UB1C

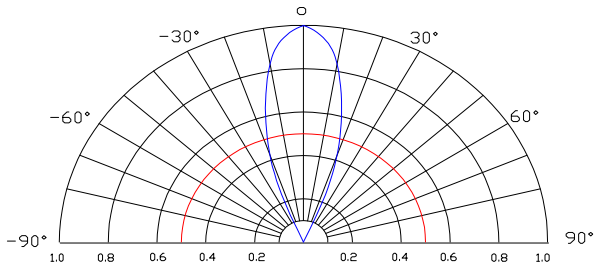
Features:

- High intensity
- General purpose leads
- RoHs compliant.

Descriptions:

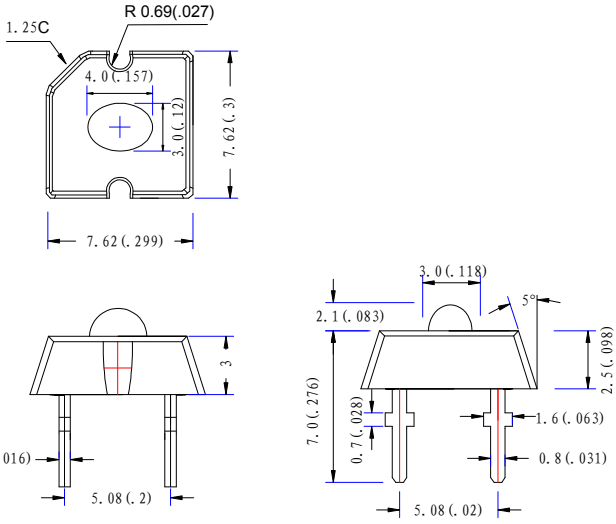
- Dice material: InGaN.
- Emitting Color: Super bright Blue.
- Lens Type： Water clear

Radiation pattern.



Relative Lumionous Intensity(LOP @max=1)

Package configuration



Notes：

All dimensions are in mm. Tolerance is ±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(Ta=25 ˚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℃	0.4	mA/℃
Reverse Voltage	5	V
Operating Temperature Range	-20℃ to +80℃	
Storage Temperature Range	-30℃ to +100℃	
Lead Soldering Temperature[4mm(.157") From Body]	260℃ for 5 Seconds	

Electrical and optical characteristics(Ta=25 ˚c)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I_V	–	1500	–	mcd	I_F=20mA
Viewing Angle	$2\theta_{1/2}$	35	40	45	Deg	
Peak Emission	λp		470		nm	
Dominant Wavelength	λd	465	–	475	nm	
Luminous Flux	Φ_V		0.9		LM	
Forward Voltage	V_F	2.8	3.2	3.6	V	
Reverse Current	I_R			10	μA	V_R=5V

✧ Tolerance of measurement of forward voltage is±0.1V

✧ Tolerance of measurement of luminous intensity or flux is±15%.

✧ Tolerance of measurement of dominant wavelength is±1nm.

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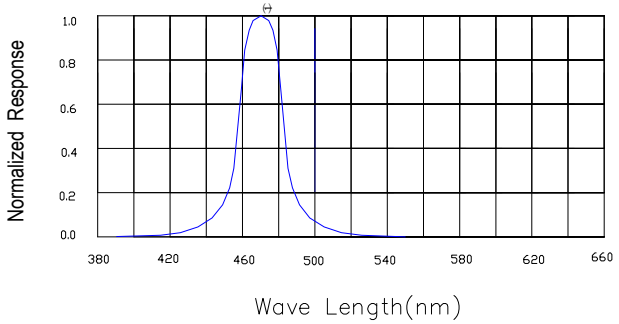
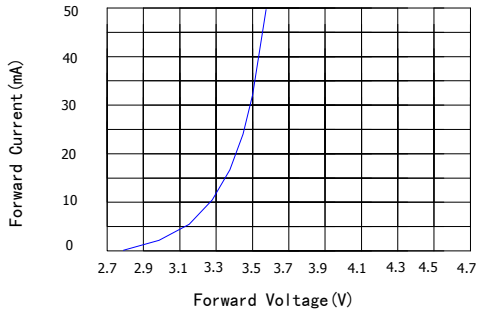
Typical Electrical Characteristics Curves
(25 ˚c Ambient Temperature Unless Otherwise Noted)

Spectral Reduance

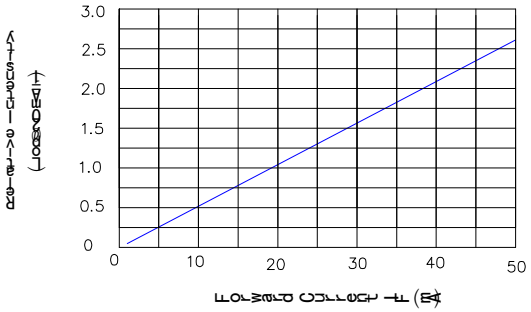


(1)peak@470nm /Blue

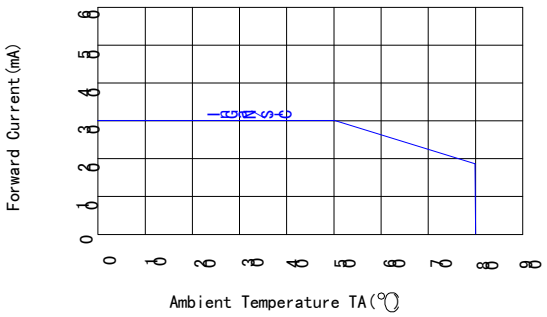
Forward Current Vs Forward Voltage



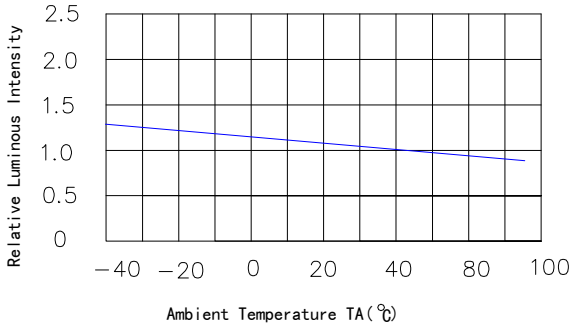
Relative Luminous intensity vs Forward current



Forward Current Derating Curve



Luminous Intensity Vs.Ambient Temperature



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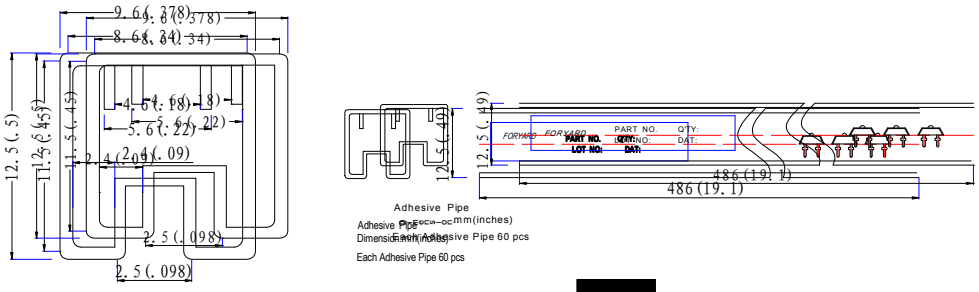
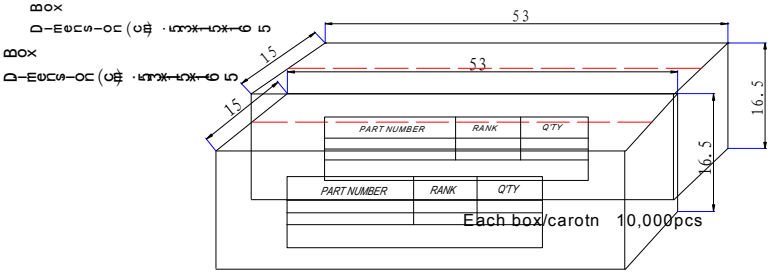
Flux LEDs PACKING.





Each box/carotn 10,000pcs

CARTON
Dimension(cm):56*32*34.4

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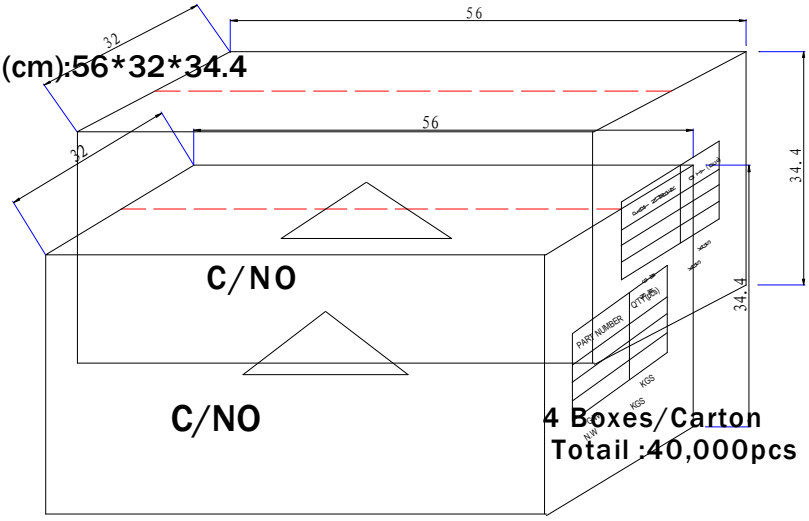

4 Boxes/Carton
Totail :40,000pcs