

FYLF- 1100UW1C

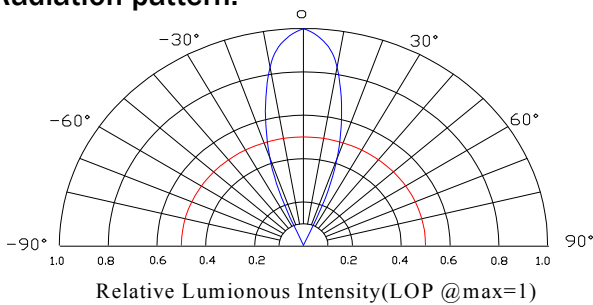
Features:

- High intensity
- General purpose leads
- RoHs compliant.

Descriptions:

- Dice material: InGaN
- Emitting Color: White
- Lens Type: Water clear

Radiation pattern.



Absolute maximum ratings(Ta=25 °c)

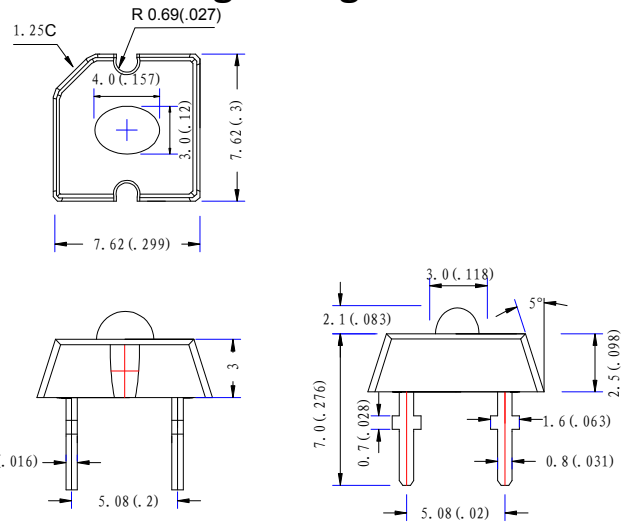
Parameter	MAX.	Unit
Power Dissipation	120	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Electrostatic Discharge (ESD)	150	V
Operating Temperature Range	-20°C to +80°C	
Storage Temperature Range	-30°C to +100°C	
Lead Soldering Temperature[4mm(.157") From Body]	260°C for 5 Seconds	

Electrical and optical characteristics(Ta=25 °c)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v	6105	-	8550	mcd	I _F =20mA
Viewing Angle	2θ _{1/2}	30	35	40	Deg	
Chromaticity coordinates	x		0.29			
	y		0.30			
CCT			9500		K	
Forward Voltage	V _F	2.8	3.2	3.6	V	V _R =5V
Reverse Current	I _R			10	μA	

- ✧ 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.

Package configuration



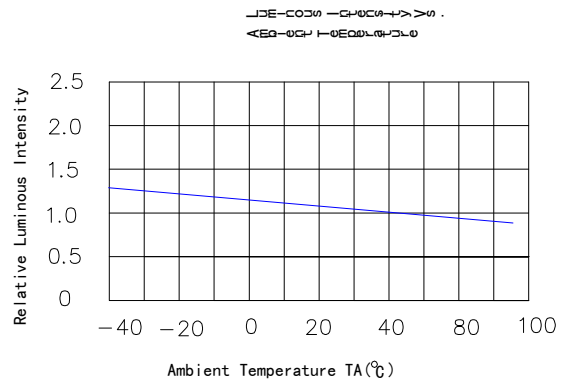
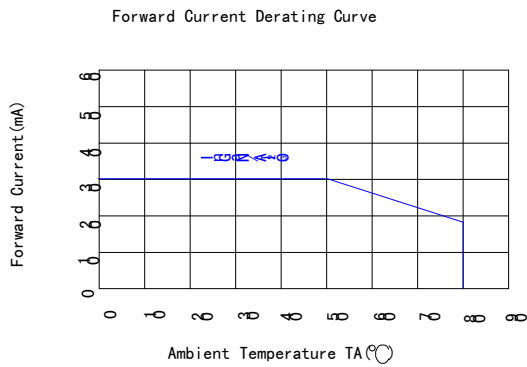
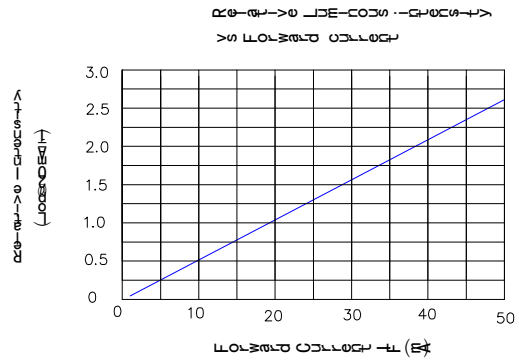
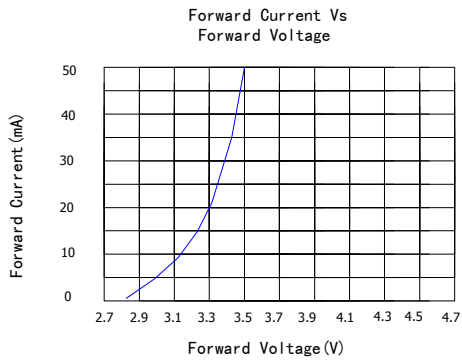
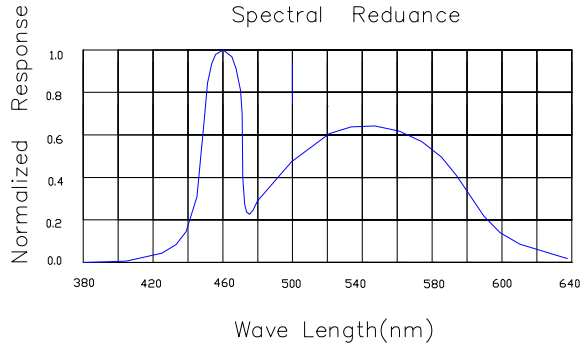
Notes:

All dimensions are in mm. Tolerance is ±0.25 mm unless otherwise noted.

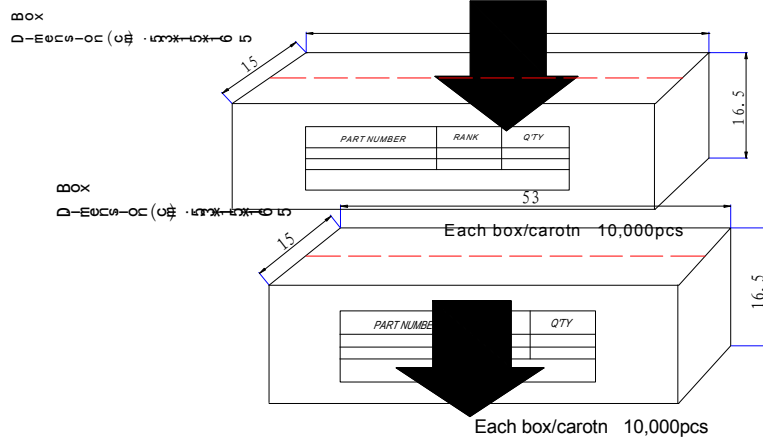
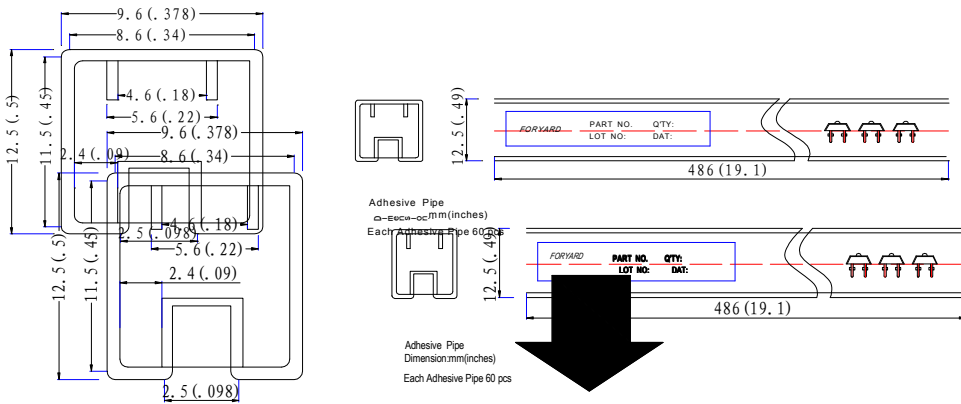
An epoxy meniscus may extend about 1.5 mm down the leads.

Burr around bottom of epoxy may be 0.5 mm max.

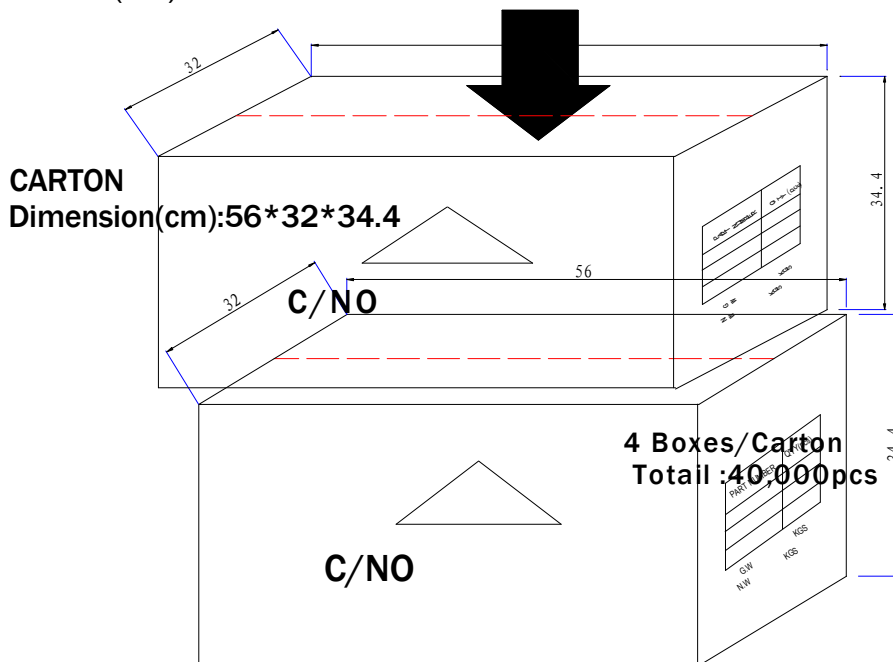
Typical Electrical Characteristics Curves (25 °c Ambient Temperature Unless Otherwise Noted)



Flux LEDs PACKING.



CARTON
Dimension(cm):56*32*34.4



4 Boxes/Carton
Total :40,000pcs