

## FYLF- 1140UW1C

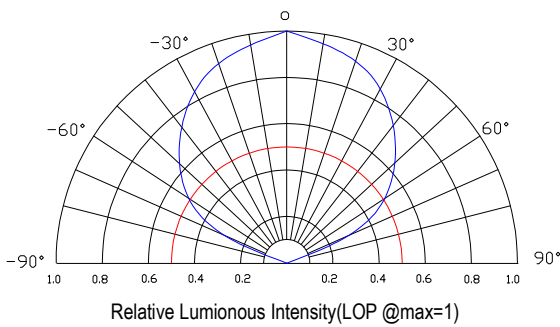
### Features:

- High intensity
- General purpose leads
- RoHs complant.

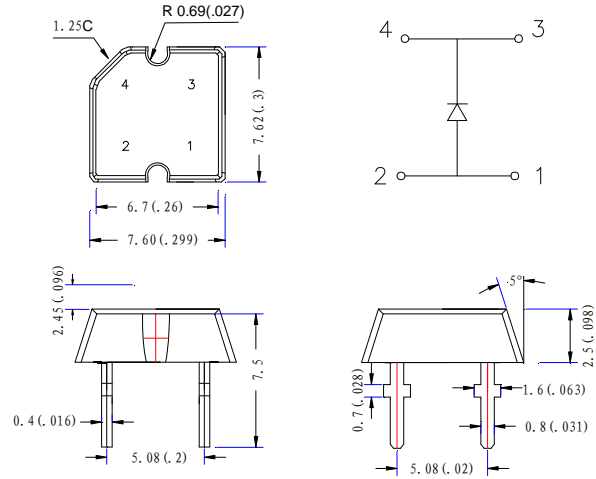
### Descriptions:

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

### Radiation pattern.



### Package configuration



- ◆ All dimensions are millimeters (inches)
- ◆ Tolerance is  $\pm 0.25\text{mm}(.010")$  unless otherwise noted.

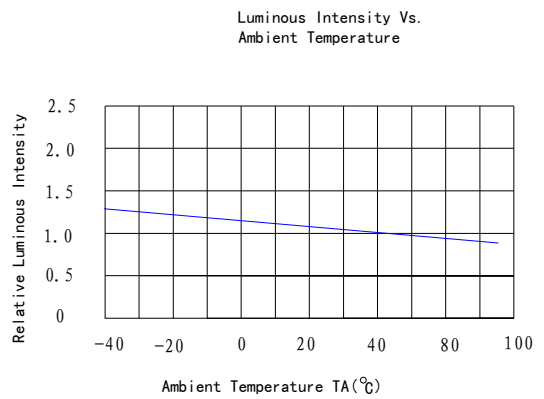
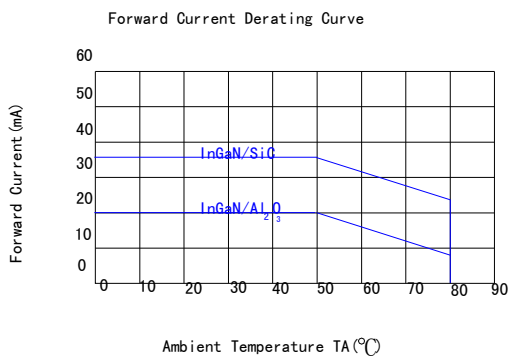
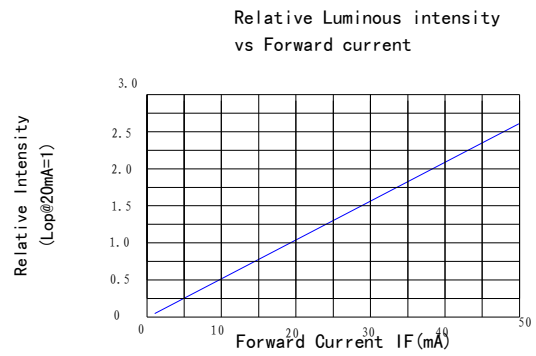
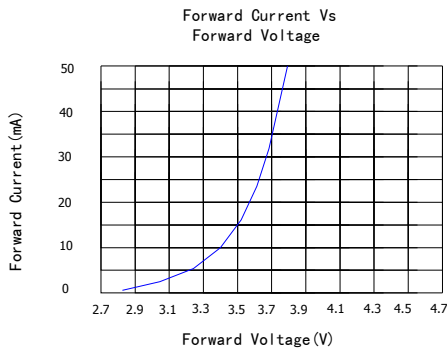
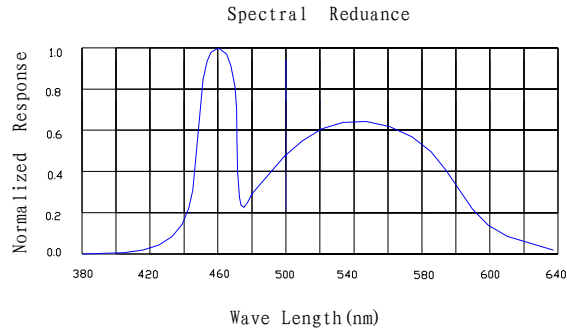
### Absolute maximum ratings(Ta=25 °c)

Parameter	MAX.	Unit
Power Dissipation	70	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	20	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	

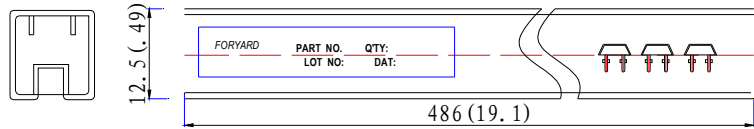
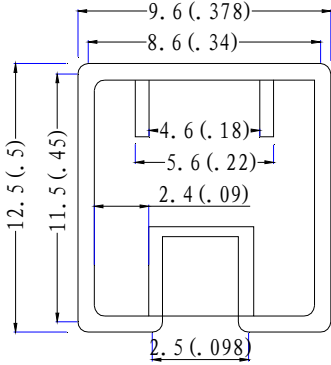
### Electrical and optical characteristics(Ta=25 °c)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I <sub>v</sub>	-	650	-	mcd	I <sub>F</sub> =20mA
Viewing Angle	2θ <sub>1/2</sub>	110	120	130	Deg	
Chromaticity coordinates	x		0.30			
	y		0.31			
CCT			8000		K	
Forward Voltage	V <sub>F</sub>	2.8	3.2	3.6	V	V <sub>R</sub> =5V
Reverse Current	I <sub>R</sub>			50	μA	

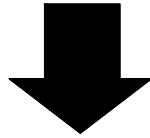
## Typical Electrical Characteristics Curves (25 °c Ambient Temperature Unless Otherwise Noted)



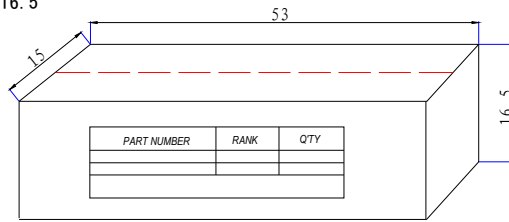
## Flux LEDs PACKING.



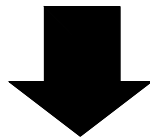
Adhesive Pipe  
Dimension:mm(inches)  
Each Adhesive Pipe 60 pcs



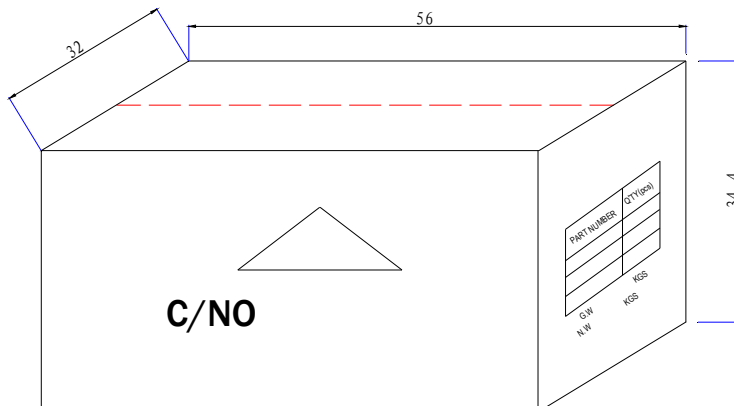
Box  
Dimension (cm) : 53\*15\*16.5



Each box/carotn 10,000pcs



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



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