

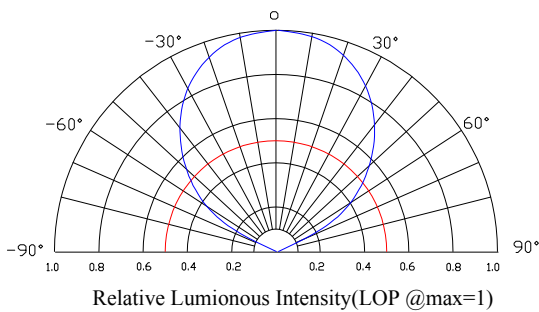
## FYL-25F3XXX1D

### Features:

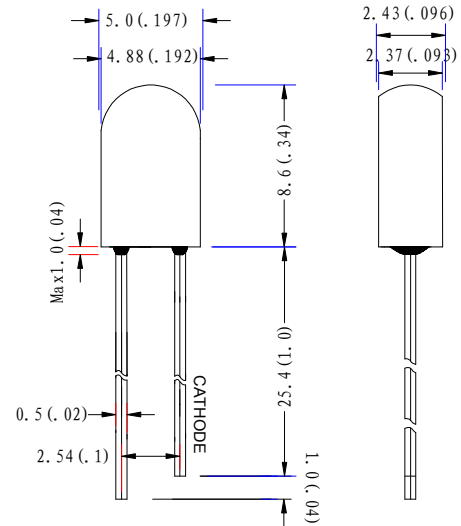
- General purpose leads
- RoHs compliant.

### Descriptions:

- Dice material: GaP/GaAsP/InGaN/AlGaInP.
- Device Outline: 2\*5 Tombstone Type.
- Radiation pattern.



### Package configuration



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

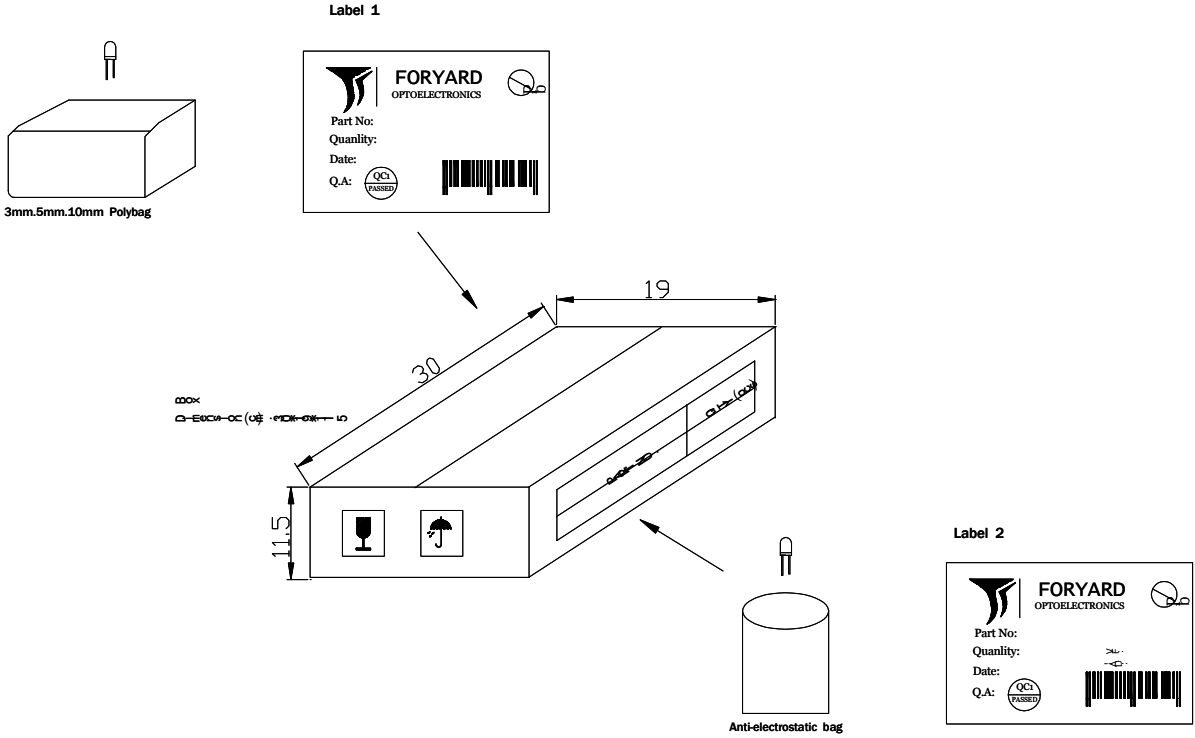
### Absolute maximum ratings( $T_a=25\text{ }^\circ\text{C}$ )

Parameter	MAX.	Unit
Continuous Forward Current	20	mA
Derating Linear From $50\text{ }^\circ\text{C}$	0.4	mA/ $^\circ\text{C}$
Reverse Voltage	5	V
Operating Temperature Range	<b><math>-30\text{ }^\circ\text{C}</math> to <math>+80\text{ }^\circ\text{C}</math></b>	
Storage Temperature Range	<b><math>-40\text{ }^\circ\text{C}</math> to <math>+100\text{ }^\circ\text{C}</math></b>	
Lead Soldering Temperature[4mm(.157") From Body]	<b><math>260\text{ }^\circ\text{C}</math> for 5 Seconds</b>	

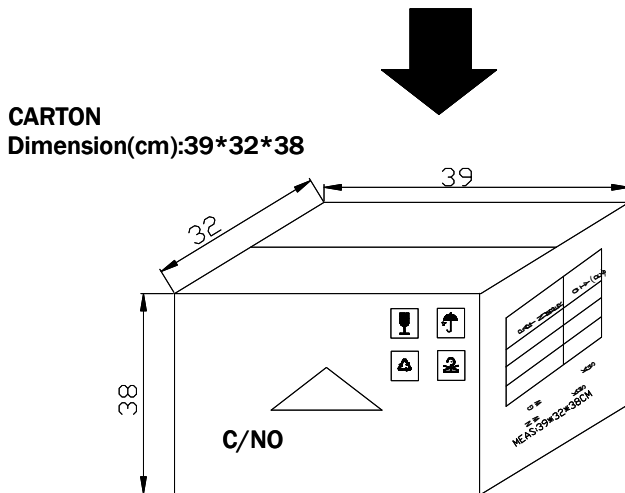
**Optical Characteristics at TA = 25° C,IF=20mA.**

Part Number	Lens Color	Wave length (nm)	Intensity (mcd)	Angle $2\theta$ 1/2
FYL-25F3HC1D	Water clear	700	35	120
FYL-25F3SRC1D	Water clear	660	80	120
FYL-25F3EC1D	Water clear	620	60	120
FYL-25F3AC1D	Water clear	610	40	120
FYL-25F3YC1D	Water clear	588	45	120
FYL-25F3GC1D	Water clear	568	35	120
FYL-25F3LRC1D	Water clear	660	200	120
FYL-25F3SURC1D	Water clear	630	350	120
FYL-25F3NURC1D	Water clear	630	460	120
FYL-25A3SUEC1D	Water clear	625	350	120
FYL-25F3SUAC1D	Water clear	610	360	120
FYL-25F3SUYC1D	Water clear	588	320	120
FYL-25F3SUGC1D	Water clear	568	280	120
FYL-25F3PGC1D	Water clear	520	1300	110
FYL-25F3BGC1D	Water clear	505	1200	110
FYL-25F3UBC1D	Water clear	470	600	110
FYL-25F3VC1D	Water clear	410	90(mW)	110
FYL-25F4UWC1D	Water clear	X:0.29 Y:0.30 CCT:9500k	1000	120

# LAMP PACKING.



DEVICE	QTY/polybag(pcs)	Polybag/box A	Fig
5mm(T-1 3/4)	1000	8 bags	Label 1
3mm(T-1)	1000	10 bags	Label 1
10mm(T-1)	250	8 bags	Label 1
Blue/Green/White	500pcs	8 bags	Label 2



6 Boxes/Carton  
 5mm:48,000pcs  
 3mm:60,000pcs  
 10mm:12,000pcs  
 Blue/Pure Green/bluish Green  
 /White:24,000pcs