# FLUX LED LAMP

## FYLF- 1110UW1C

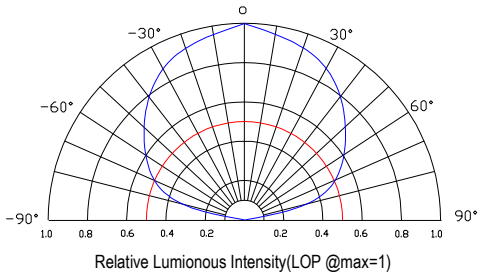
### Features:

- High instensity
- General purpose leads
- RoHs complant.

### Descriptions:

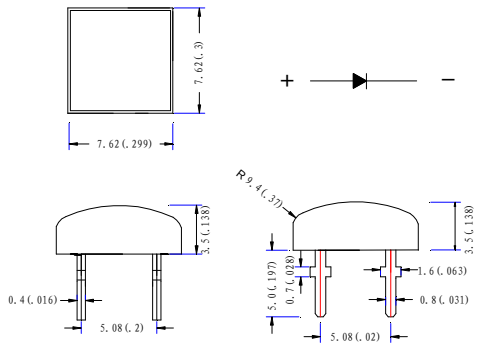
- Dice material: InGaN
- Emitting Color: White
- Lens Type： Water clear

### Radiation pattern.



Relative Lumionous Intensity(LOP @max=1)

### Package configuration




- All dimensions are millimeters (inches)
- Tolerance is ±0.25mm(.010”) unless otherwise noted.

### Absolute maximun ratings(Ta=25 ˚c)

| Parameter | MAX. | Unit |
|---|---|---|
| Power Dissipation | 300 | mW |
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 400 | mA |
| Continuous Forward Current | 80 | mA |
| Derating Linear From 50℃ | 0.4 | mA/℃ |
| Reverse Voltage | 5 | V |
| Electrostatic Discharge (ESD) | 1000 | 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)

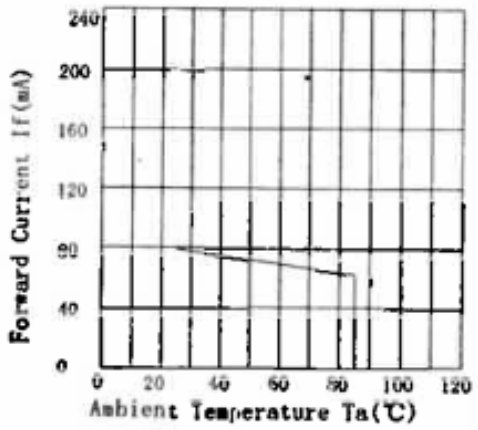
| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|---|---|---|---|---|---|---|
| Luminous Intensity | $I_V$ | – | 1000 | – | mcd | $I_F$=20mA |
| Viewing Angle | $2\theta_{1/2}$ | – | 140 | – | Deg | |
| Chromaticiyt coordinates | x | | 0.30 | | | |
| | y | | 0.31 | | | |
| CCT | | | 8000 | | K | |
| Forward Voltage | $V_F$ | 2.8 | 3.2 | 3.6 | V | |
| Reverse Current | $I_R$ | | | 10 | μA | |
| Reverse Current | $I_R$ | | | 10 | μA | $V_R$=5V |

FORYARD
OPTOELECTRONICS

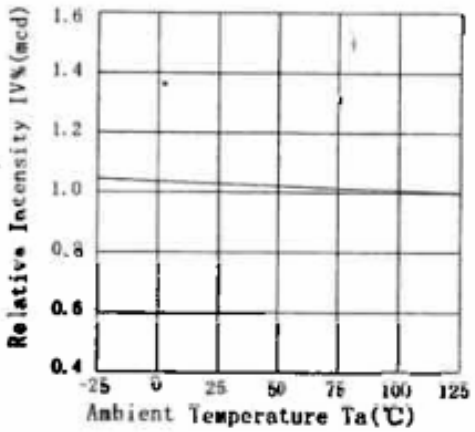
# FLUX LED LAMP

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

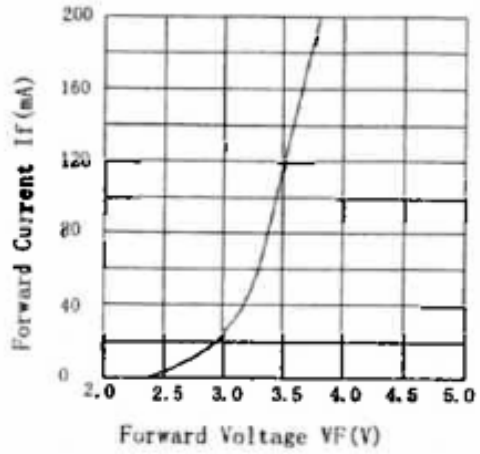
Forward Current vs. Ambient Temperature



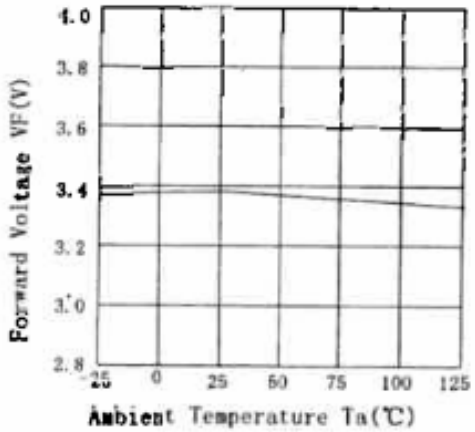

Relative Intensity vs. Ambient Temperatur




Forward Current vs. Forward Voltage



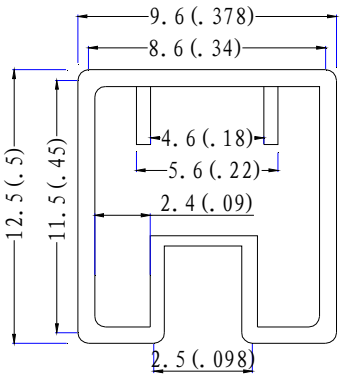

Forward Voltage vs. Ambient Temperature

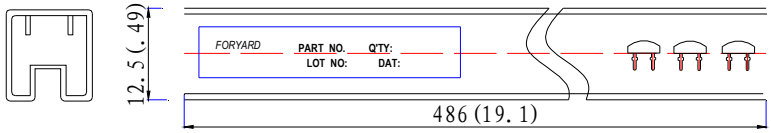


FORYARD
OPTOELECTRONICS

# FLUX LED LAMP

## Flux LEDs PACKING.

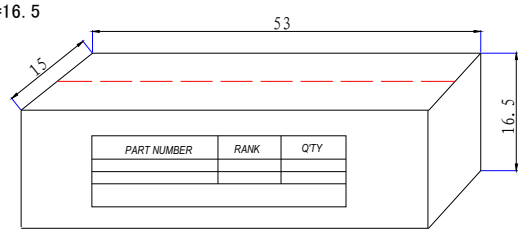



Adhesive Pipe
Dimension:mm(inches)

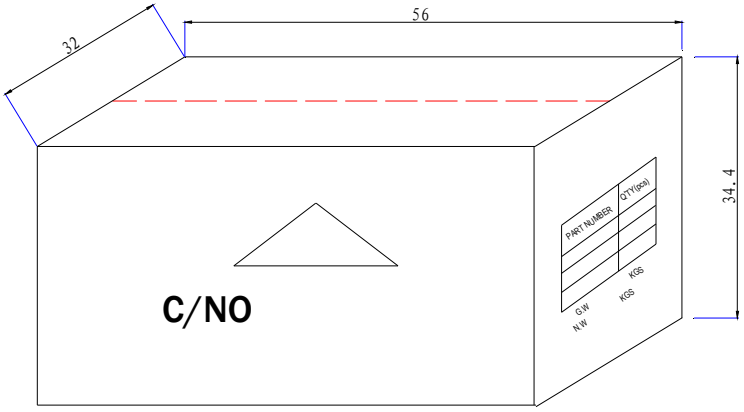
Each Adhesive Pipe 60 pcs

Box
Dimension(cm):53*15*16.5




Each box/carotn 10,000pcs

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




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