

L-2060YD YELLOW

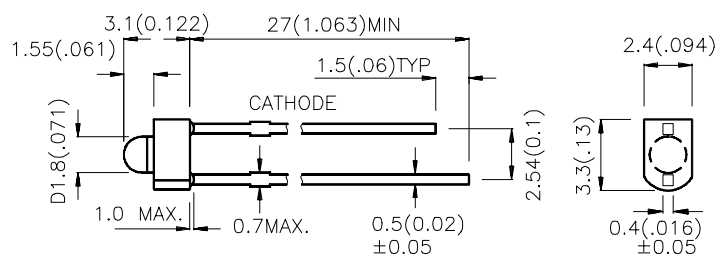
### Features

- 1.8mm DIAMETER SMALL SIZE LED LAMP.
- ULTRA BRIGHTNESS IS AVAILABLE.
- VERSATILE MOUNTING ON P.C. BOARD OR PANEL.
- RELIABLE AND RUGGED.
- AVAILABLE IN YELLOW DIFFUSE LENS.

### Description

The Yellow source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Yellow Light Emitting Diode.

### Package Dimensions



#### Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25$  (0.01") unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

## Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 10 mA		Viewing Angle
			Min.	Typ.	2θ1/2
L-2060YD	YELLOW (GaAsP/GaP)	YELLOW DIFFUSED	3	8	70°

Notes:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

## Electrical / Optical Characteristics at T<sub>A</sub>=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ <sub>peak</sub>	Peak Wavelength	Yellow	590		nm	IF=20mA
λ <sub>D</sub>	Dominate Wavelength	Yellow	588		nm	IF=20mA
Δλ <sub>1/2</sub>	Spectral Line Halfwidth	Yellow	35		nm	IF=20mA
C	Capacitance	Yellow	20		pF	VF=0V;f=1MHz
V <sub>F</sub>	Forward Voltage	Yellow	2.1	2.5	V	IF=20mA
I <sub>R</sub>	Reverse Current	Yellow		10	uA	VR = 5V

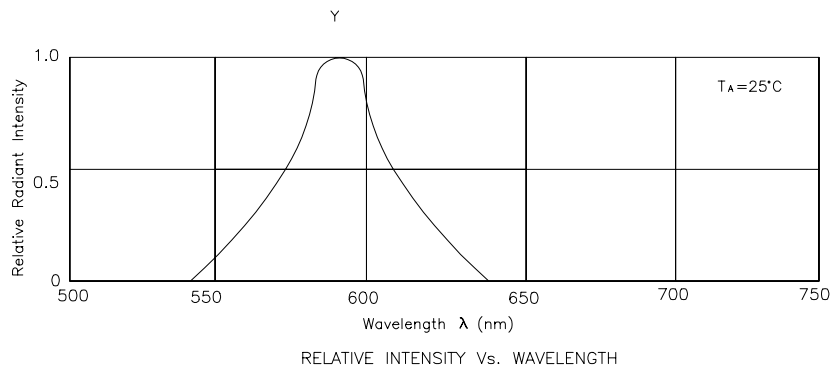
## Absolute Maximum Ratings at T<sub>A</sub>=25°C

Parameter	Yellow	Units
Power dissipation	105	mW
DC Forward Current	30	mA
Peak Forward Current [1]	140	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40°C To +85°C	
Lead Solder Temperature [2]	260°C For 5 Seconds	

Notes:

1. 1/10 Duty Cycle, 0.1ms Pulse Width.

2. 4mm below package base.



## YellowL-2060YD

