

BLFA064SYCK-6V-N SUPER BRIGHT YELLOW  
 BLFA064SYCK-12V-N SUPER BRIGHT YELLOW  
 BLFA064SYCK-28V-N SUPER BRIGHT YELLOW

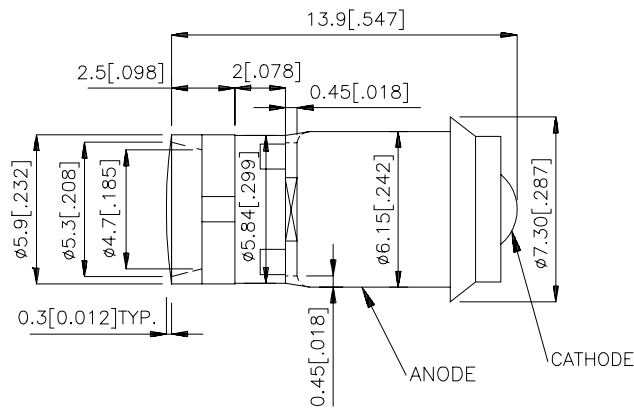
### Features

- BUILT-IN CURRENT LIMITING RESISTOR FOR DIRECT APPLICATION OF DIFFERENT ACROSS CURRENT.
- LONG LIFE.
- LOW CURRENT, POWER SAVINGS.
- LOW MAINTENANCE.
- DIFFERENT COLOR AVAILABLE.
- SOLID STATE, HIGH VIBRATION RESISTANT.

### Description

The Super Bright Yellow source color devices are made with DH InGaAlP on GaAs substrate 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.

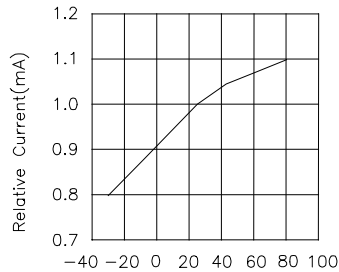
## Selection Guide

Part No.	Circuit Rating Volts	Power (W) Typ.	Circuit Voltage		Current $I_F$ (mA) Typ.	$\lambda_D$ (nm)	Dice	Lens Type	Iv (mcd) V=6V, V=12V V=28V		Viewing Angle
			Min.	Max.					Min.	Typ.	
BLFA064SYCK-6V-N	6V	0.12	5	8	20	590	SUPER BRIGHT YELLOW (InGaAlP)	WATER CLEAR	50	120	110°
BLFA064SYCK-12V-N	12V	0.12	10	14							
BLFA064SYCK-28V-N	28V	0.28	26	30							
Operating Temperature			- 30°C to +80°C								
Storage Temperature			- 40°C to +100°C								

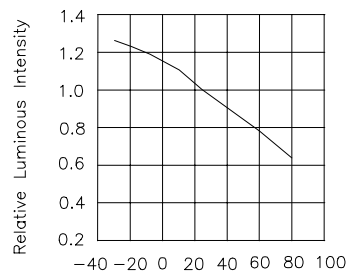
Note:

1.  $\theta_{1/2}$  is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

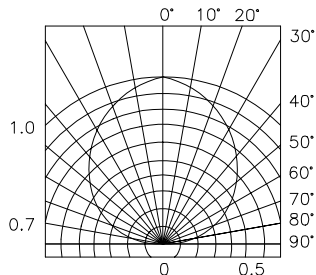
## Super Bright Yellow BLFA064SYCK-6V-N, BLFA064SYCK-12V-N, BLFA064SYCK-28V-N



Ambient Temperature  $T_A$  (°C)  
AMBIENT TEMPERATURE Vs.  
RELATIVE CURRENT



Ambient Temperature  $T_A$  (°C)  
AMBIENT TEMPERATURE Vs.  
RELATIVE LUMINOUS INTENSITY



SPATIAL DISTRIBUTION