



## Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) V= 28V		$\Phi_v$ (mlm) V= 28V	Viewing Angle
			Min.	Typ.	Typ.	2 $\theta$ 1/2
BLB101SYC-28V-P	Super Bright Yellow (AlGaInP)	Water Clear	550	1200	500	20°

Note:

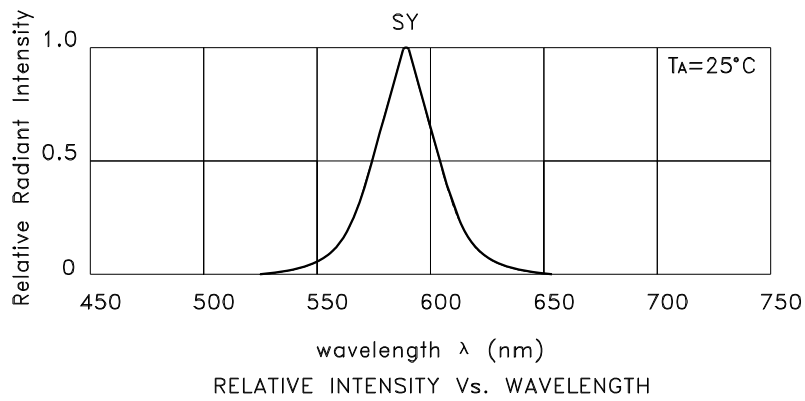
1.  $\theta$ 1/2 is the angle from optical centerline where the luminous intensity is 1/2 of the optical peak value.

## Electrical / Optical Characteristics at TA=25°C

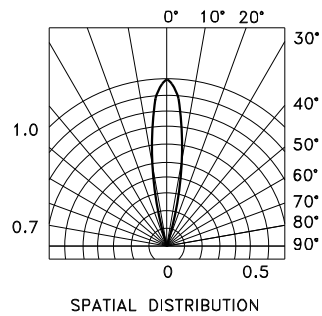
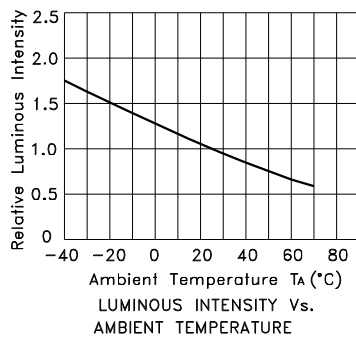
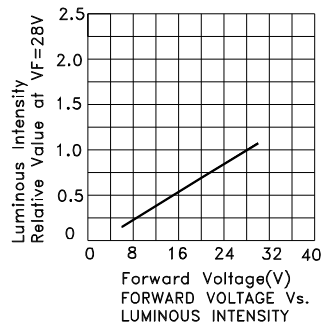
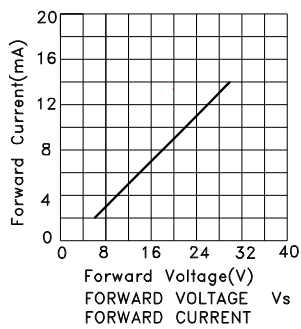
Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
$\lambda_{peak}$	Peak Wavelength	Super Bright Yellow	590		nm	V <sub>F</sub> =28V
$\lambda_D$	Dominant Wavelength	Super Bright Yellow	590		nm	V <sub>F</sub> =28V
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Super Bright Yellow	28		nm	V <sub>F</sub> =28V
I <sub>F</sub>	Forward Current	Super Bright Yellow	13	16	mA	V <sub>F</sub> =28V
I <sub>R</sub>	Reverse Current	Super Bright Yellow		10	uA	V <sub>R</sub> = 5V

## Absolute Maximum Ratings at TA=25°C

Parameter	Super Bright Yellow	Units
Power dissipation	480	mW
Forward Voltage	30	V
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	



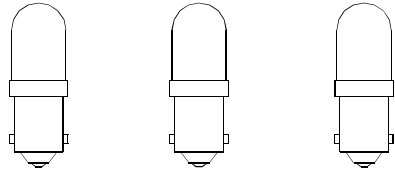
## Super Bright Yellow BLB101SYC-28V-P



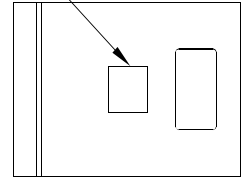
# Kingbright

## PACKING & LABEL SPECIFICATIONS

## BLB101SYC-28V-P



LABEL

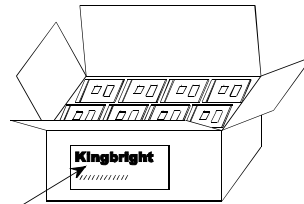


100PCS/BAG




4K/9# BOX

OUTSIDE LABEL



OUTSIDE LABEL

2K/5# BOX

<h1>Kingbright</h1>	
P/NO: BLB101xxx	
QTY: 100 pcs	Q.C. <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Q C XX XX XXXX PASSED</span>
S/N: XXXX	
CODE: XXX	
LOT NO:	
 xxxxxxxxxxxxxxxxxxxxxxxx	
RoHS Compliant	