

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) V= 6V		Viewing Angle
			Min.	Typ.	2θ1/2
BLB101SYC-6V-P	Super Bright Yellow (AlGaInP)	Water Clear	2700	3600	20°

Note:

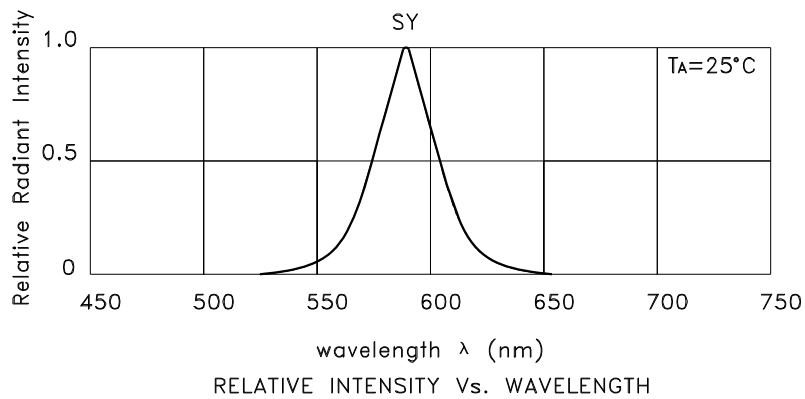
1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 of the optical peak value.

Electrical / Optical Characteristics at TA=25°C

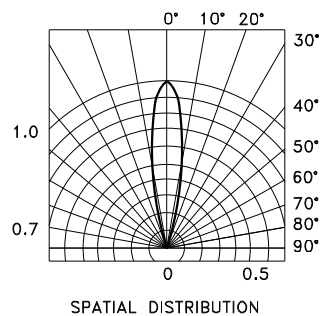
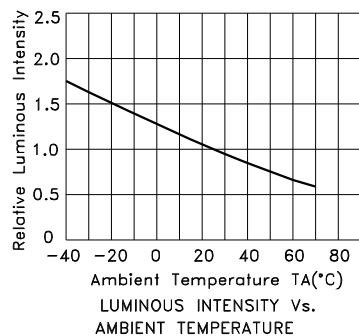
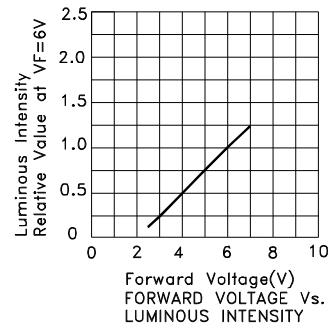
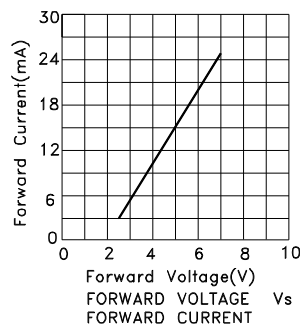
Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λpeak	Peak Wavelength	Super Bright Yellow	590		nm	VF=6V
λD	Dominant Wavelength	Super Bright Yellow	590		nm	VF=6V
Δλ1/2	Spectral Line Half-width	Super Bright Yellow	28		nm	VF=6V
IF	Forward Current	Super Bright Yellow	20	25	mA	VF=6V
IR	Reverse Current	Super Bright Yellow		10	uA	VR = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Super Bright Yellow	Units
Power dissipation	175	mW
Forward Voltage	7	V
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	

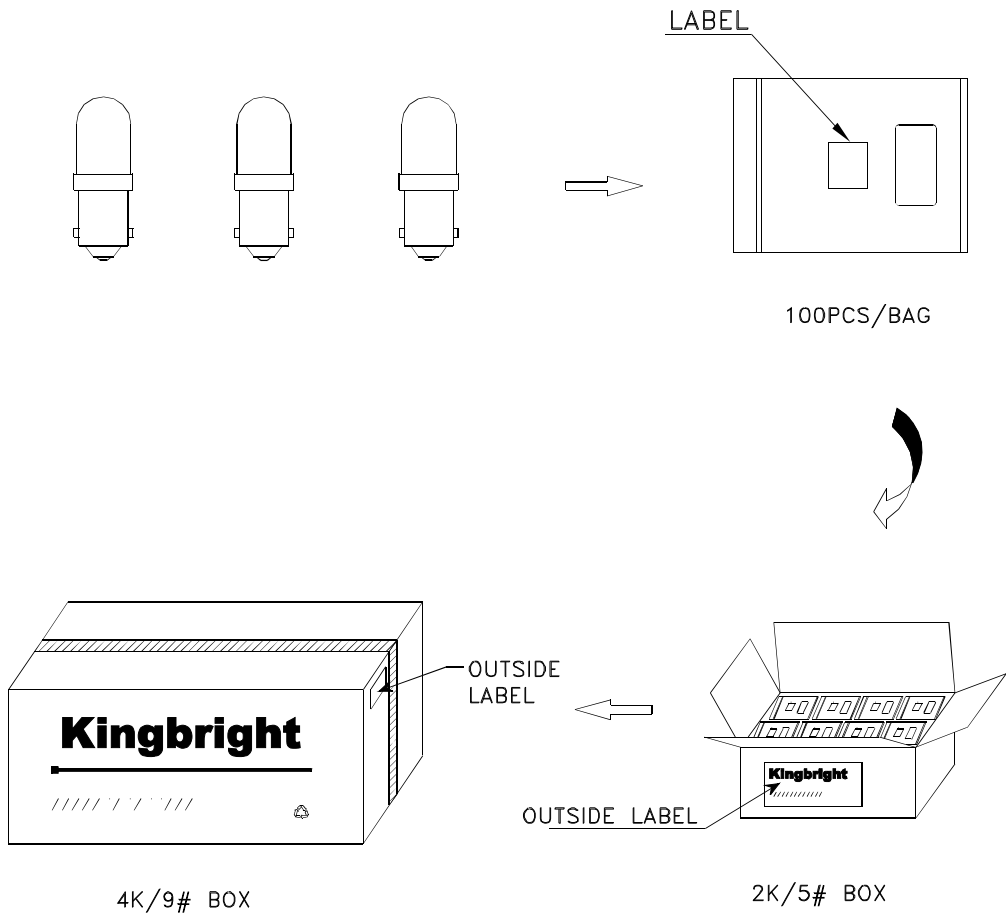



Super Bright Yellow BLB101SYC-6V-P



PACKING & LABEL SPECIFICATIONS

BLB101SYC-6V-P



Kingbright	
P/NO: BLB101xxx	
QTY: 100 pcs	Q.C. <div>Q C xx xx xxxx PASSED</div>
S/N: XXXX	
CODE: XXX	
LOT NO:	
 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
RoHS Compliant	