

PRELIMINARY SPEC

Part Number: BLW652SYC-H-16V-T6.5

Super Bright Yellow

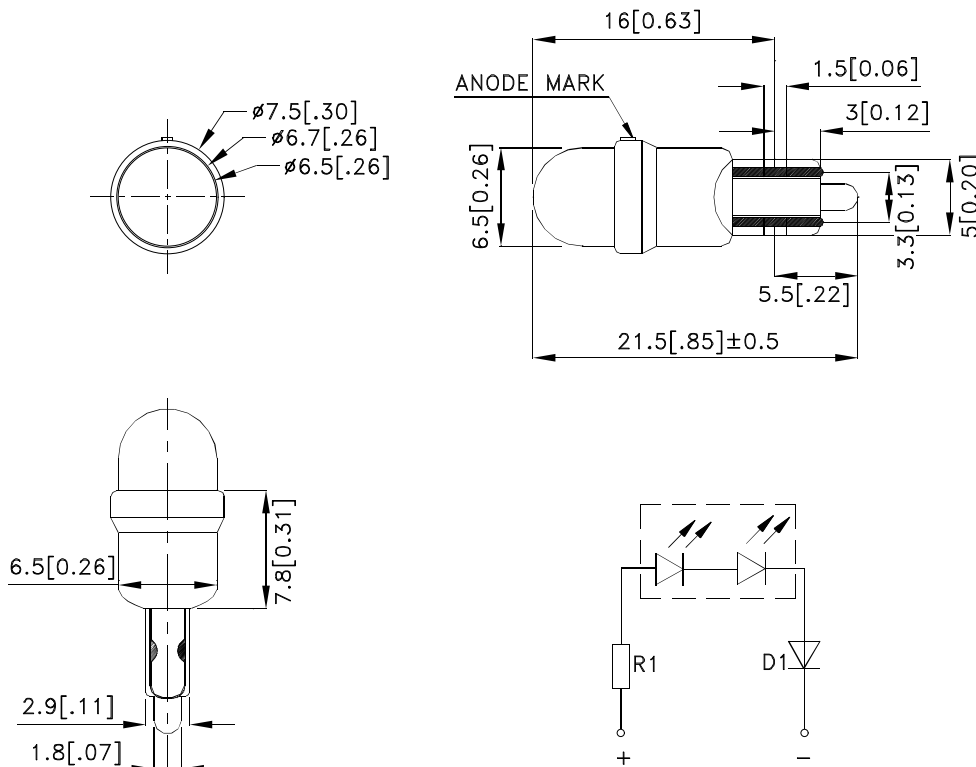
Features

- Built-in current limiting resistor for direct application of different across voltage.
- Long life.
- Low current, power savings.
- Low maintenance.
- Resistant to shock and vibration.
- RoHS compliant.

Description

This devices are made with TS InGaAlP.

Package Dimensions



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25 (0.01)$ unless otherwise noted.
3. Specifications are subject to change without notice.



Selection Guide

Part No.	Dice	Lens Type	Luminous Intensity (typ.) mcd				Viewing Angle
			10V	12V	14V	16V	2θ1/2
BLW652SYC-H-16V-T6.5	Super Bright Yellow (InGaAlP)	WATER CLEAR	578	713	1027	1288	70°

Note:

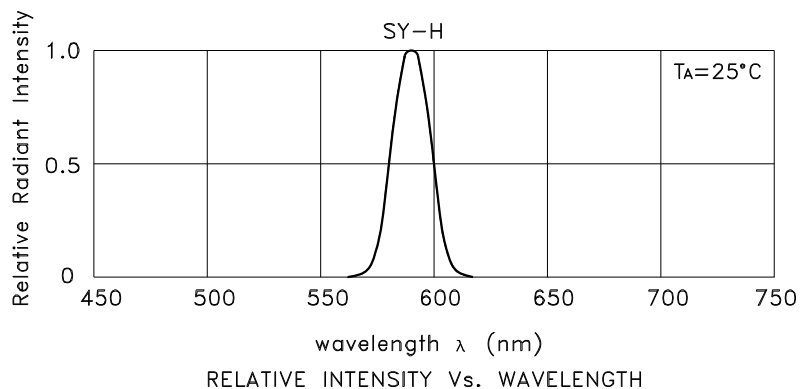
1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	Super Bright Yellow	590	-	nm	V _F =16V DC
λ_D	Dominant Wavelength	Super Bright Yellow	589	-	nm	V _F =16V DC
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Super Bright Yellow	20	-	nm	V _F =16V DC
I _F	Forward Current	Super Bright Yellow	23	-	mA	V _F =16V DC

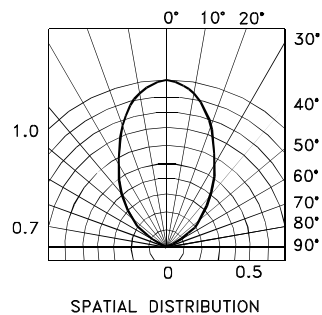
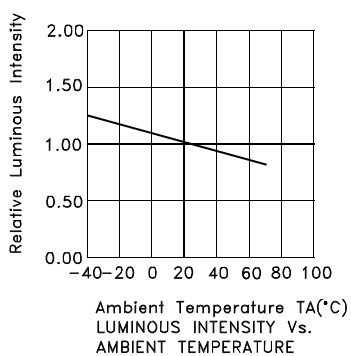
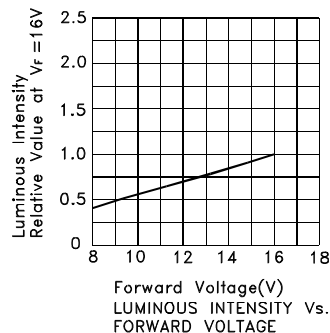
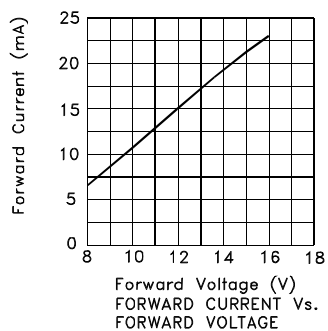
Absolute Maximum Ratings at TA=25°C

Parameter	Super Bright Yellow	Units
Power dissipation	375	mW
Forward Voltage	16	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	



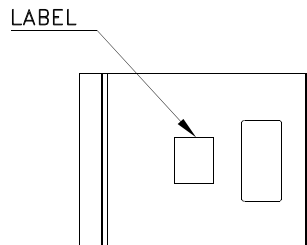
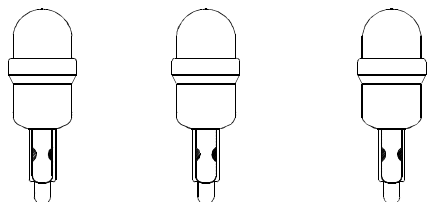
Super Bright Yellow

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PACKING & LABEL SPECIFICATIONS

BLW652SYC-H-16V-T6.5



100 PCS / BAG

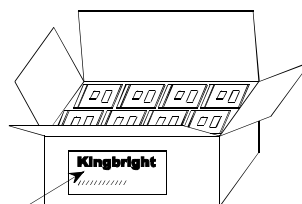


10K/9# BOX

OUTSIDE LABEL



OUTSIDE LABEL



5K/5# BOX

<h1>Kingbright</h1>				
P/NO:BLW652xxx				
QTY: 100 pcs	Q.C.			
S/N: XXXX	<table border="1"> <tr> <td>Q C</td> </tr> <tr> <td>XX XX XXXX</td> </tr> <tr> <td>PASSED</td> </tr> </table>	Q C	XX XX XXXX	PASSED
Q C				
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CODE: XXX				
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xxxxxxxxxxxxxxxxxxxxxxxxxxxx				
RoHS Compliant				