

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) V=6V		Viewing Angle
			Min.	Typ.	2θ1/2
BLB102SYC-6V-P	SUPER BRIGHT YELLOW (InGaAlP)	WATER CLEAR	650	1300	40°

Note:

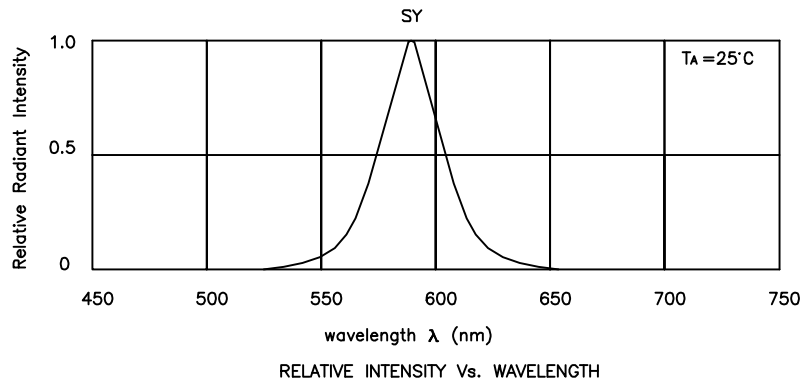
1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

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 =6V
λ_D	Dominant Wavelength	Super Bright Yellow	588		nm	V _F =6V
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Super Bright Yellow	28		nm	V _F =6V
I _F	Forward Current	Super Bright Yellow	21		mA	V _F =6V
I _R	Reverse Current	Super Bright Yellow		10	uA	V _R = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Super Bright Yellow	Units
Power dissipation	150	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

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