BRIGHT VIEW
ELECTRONICS CO.,LTD

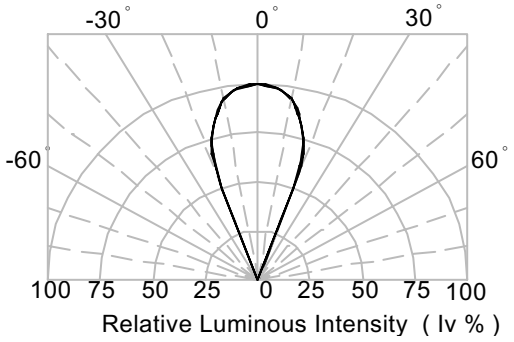
LED LAMP

BVL-300G4G

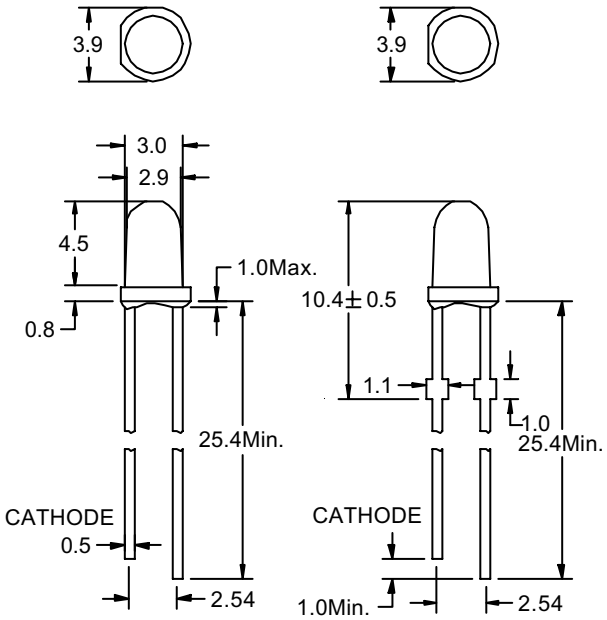
DESCRIPTION

Dice Material : GaP/GaP Yellow Green
Light Color : Yellow Green Color
Lens Color : Water Transparent
Stand-Off P/N : BVL-300G4G R

RADIATION PATTERN



PACKAGE CONFIGURATION



Tolerance ±0.25 mm

ABSOLUTE MAXIMUM RATINGS AT Ta = 25℃

PARAMETER	MAX.	UNIT
Power Dissipation	80	mW
Continuous Forward Current	30	mA
Peak Forward Current (1/10 Duty Cycle , 0.1ms Pulse Width)	90	mA
Reverse Voltage	5	V
Derating Linear From 25℃	0.4	mA/°C
Operating Temperature Range	−30℃ to + 85℃	
Storage Temperature Range	−40℃ to + 100℃	
Lead Solder Temperature 1.6 mm Below Package 260℃ for 5 seconds		

ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta = 25℃

SYMBOL	PARAMETER	TEST COND.	MIN.	TYP.	MAX.	UNIT
V_F	Forward Voltage	I_F = 20 mA		2.3	2.8	V
I_R	Reverse Current	V_R= 5V			100	μA
λ_p	Peak Emission Wavelength	I_F = 20 mA		568		n m
λ_d	Dominant Wavelength	I_F = 20 mA		573		n m
$2\theta 1/2$	Viewing Angle	I_F = 20 mA		40		Deg
I_V	Luminous Intensity	I_F = 10 mA	28	50		mcd

*Bright View reserves the rights to alter specifications and remove availability of products at any time without notice.
*Dominant Wavelength, λ_d is according to CIE Chromaticity Diagarm base on color of lamps.
* $\theta 1/2$ is the off-axis angle where the luminous intensity is one half the on-axis intensity.