



## BVG - 123G2

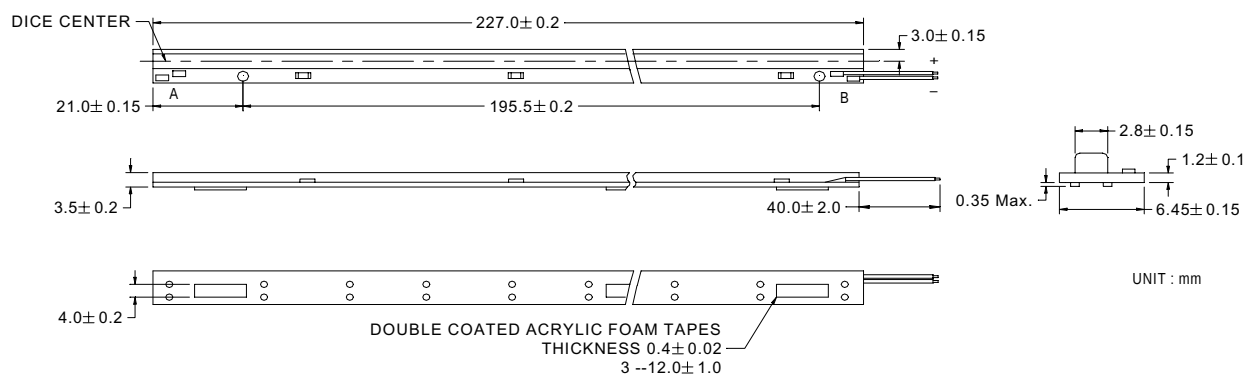
### DESCRIPTION

Dice Materia : GaP/GaP Yellow Green

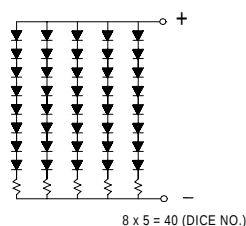
Light Color : Yellow Green

Lens Color : Water Transparent

### PACKAGE CONFIGURATION



### TYPICAL INTERNAL EQUIVALENT CIRCUIT



### ABSOLUTE MAXIMUM RATINGS AT Ta = 25°C

| PARAMETER                   | MAX.           | UNIT |
|-----------------------------|----------------|------|
| Forward Voltage             | 25.3           | V    |
| Reverse Voltage             | 32.0           | V    |
| Power Dissipation           | 3.2            | W    |
| Operating Temperature Range | -10°C TO +60°C |      |
| Storage Temperature Range   | -25°C TO +80°C |      |

### ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta = 25°C

| SYMBOL          | PARAMETER                    | TEST COND.             | MIN. | TYP. | MAX. | UNIT |
|-----------------|------------------------------|------------------------|------|------|------|------|
| I <sub>DD</sub> | Forward Current              | V <sub>DD</sub> = 24 V |      | 110  | 125  | mA   |
| I <sub>R</sub>  | Reverse Current              | V <sub>R</sub> = 32 V  |      |      | 0.5  | mA   |
| L <sub>vp</sub> | Peak Luminous                | V <sub>DD</sub> = 24 V | 750  | 1200 | 1600 | Lux  |
| △EH             | Uniformity                   | V <sub>DD</sub> = 24 V |      |      | 14   | %    |
| △L              | Effective Illuminated Width  | V <sub>DD</sub> = 24 V | 3.0  | 4.6  |      | mm   |
| λ <sub>p</sub>  | Peak Emission Wavelength     | I <sub>F</sub> = 20 mA |      | 568  |      | nm   |
| △λ              | Spectral Line Half Width     | I <sub>F</sub> = 20 mA |      | 30   |      | nm   |
| L               | Effective Illuminated Length | V <sub>DD</sub> = 24 V |      | 218  |      | mm   |

\* Bright View reserves the rights to alter specifications and remove availability of products at any time without notice.

\* Dominant Wavelength, λ<sub>d</sub> is according to CIE Chromaticity Diagram base on color of lamps.

\* θ<sub>1/2</sub> is the off-axis angle where the luminous intensity is one half the on-axis intensity.