SINGLE LAMP LED BULB

Data Sheet

Description:

These single lamp LED Bulbs are specifically designed for flashlight electric equipment, indicator light switch and where a wide view angle. The 9mm round shaped radiation pattern (60°) and high luminous intensity ensure that these devices are excellent for wide field of view outdoor applications where a wide viewing angle and readability in sunlight are essential.

High efficiency LED materials are used in this Bulb.
Every lamp is made with an advanced optical grade epoxy offering superior high shock and high temperature resistance in outdoor applications.

Feature:
· Wide view angle
· High luminous output
· Seven kind color
· Solid-state Vibration resistant
· Saving power
· Long life

Option:
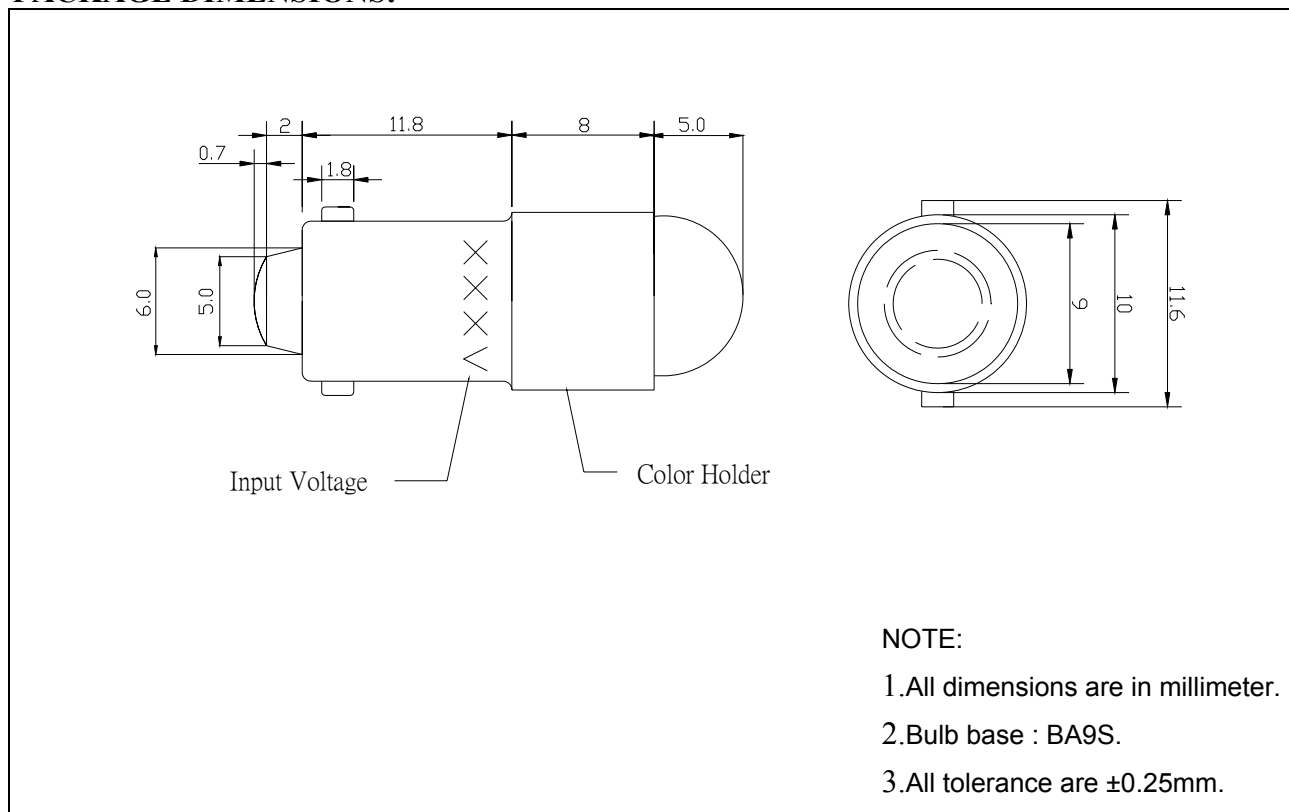· 6V to 240V AC or DC
· Other industry standard base

A-BRIGHT

A-BRIGHT INDUSTRIAL CO.,LTD.

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Part No.: **AB-9TY-220V-B**   *Single Lamp LED Bulb*

PACKAGE DIMENSIONS:

Input Voltage

Color Holder

NOTE:

1. All dimensions are in millimeter.

2. Bulb base : BA9S.

3. All tolerance are ±0.25mm.

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FEATURE:

- SUPER LUMINOSITY YELLOW LED (AlGaInP).
- WHITE DIFFUSE PACKAGE.
- 9mm ALL RESIN MOLD.
- WIDE VIEWING ANGLE.
- BASE MODEL BA9S.
- ELECTRIC AC/DC BI-POLAR.

MATERIALS:

- LED LENS: UV RESISTENT EPOXY
- COLOR HOLDER: NYLON 66 UL 94-V2
- BULB BASE:COPPER (CU)

ABSOLUTE MAXIMUM RATING: Ta = 25 ℃

- **PEAK OPERATE VOLTAGE........................   260 V**
- **OPERATING TEMPERATURE...................... $-$25 TO $+$85℃**
- **STORAGE TEMPERATURE........................ $-$35 TO $+$100℃**
- **LED BULB LIFE…………………………….. 50000 HOURS**

  (LUMINANCE REDUCES to 50%)

ABSOLUTE OPTICAL CHARACTERISTIC   Ta= 25℃

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Operate Voltage		V	-----	220	260	V
Luminous Intensity	I_F= 3.0 mA	I_V	70	90	-----	mcd
Dominant Wavelength	I_F= 3.0 mA	λ_d	-----	590	-----	nm
Spectrum Radiation Bandwidth	I_F= 3.0 mA	$\Delta\lambda$	-----	30	-----	nm
Forward Current	V_{IN}= 220 V DC	I_F	-----	3.0	-----	mA
Viewing Angle		$2\theta 1/2$	-----	60	-----	deg