

# 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 ( $60^\circ$ ) 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  $\cdot$  Solid-state Vibration 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
- resistant
- Saving power
- $\cdot$  Long life

#### **Option:**

- 6V to 240V AC or DC
- Other industry standard base

# **A-BRIGHT**

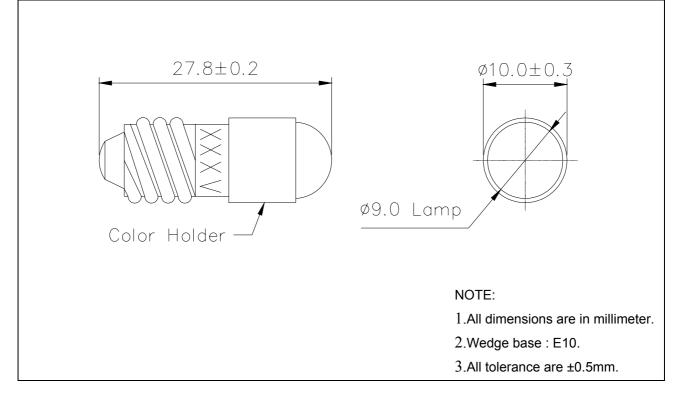
A-BRIGHT INDUSTRIAL CO., LTD.



# Part No.: <u>AB-9B5-12V-E</u>

Single Lamp LED Bulb

# **PACKAGE DIMENSIONS:**





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# Single Lamp LED Bulb

### **FEATURE:**

- SUPER LUMINOSITY BLUE LED (InGaN).
- WHITE DIFFUSE PACKAGE.
- 9mm ALL RESIN MOLD.
- WIDE VIEWING ANGLE.
- BASE MODEL E10.
- ELECTRIC AC/DC BI-POLAR.

### **MATERIALS:**

- LED LENS: UV RESISTENT EPOXY
- BULB BASE HOLDER: PBT+G6

#### **ABSOLUTE MAXIMUM RATING:** Ta = 25 $^{\circ}$ C

- PEAK OPERATE VOLTAGE...... 14 V
- OPERATING TEMPERATURE...... -25 TO +85℃
- STORAGE TEMPERATURE...... -35 TO +100℃
- LED BULB LIFE...... 20000 HOURS

(LUMINANCE REDUCES to 50%)

### ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25°C

PARAMETER		SYMBOL	MIN	ТҮР	MAX	UNIT
Operate Voltage		V		12	14	v
Luminous Intensity	<b>I</b> F= 20 mA	Ιv	350	450		mcd
Dominant Wavelength	<b>I</b> F= 20 mA	λd		470		nm
Spectrum Radiation Bandwidth	<b>I</b> F= 20 mA	Δλ		30		nm
Forward Current	$\mathbf{V}$ IN= 12 V DC	IF		20		mA
Viewing Angle		201/2		60		deg