A-BRIGHT INDUSTRIAL CO., LTD.

MULTI LAMPS LED BULB

Data Sheet

Description:

These multi lamps LED Bulbs are specifically designed for flashlight electric equipment, indicator light switch and where a wide view angle. The 5mm round shaped radiation pattern (30°) 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:

- 12V AC or DC
- Other industry standard base

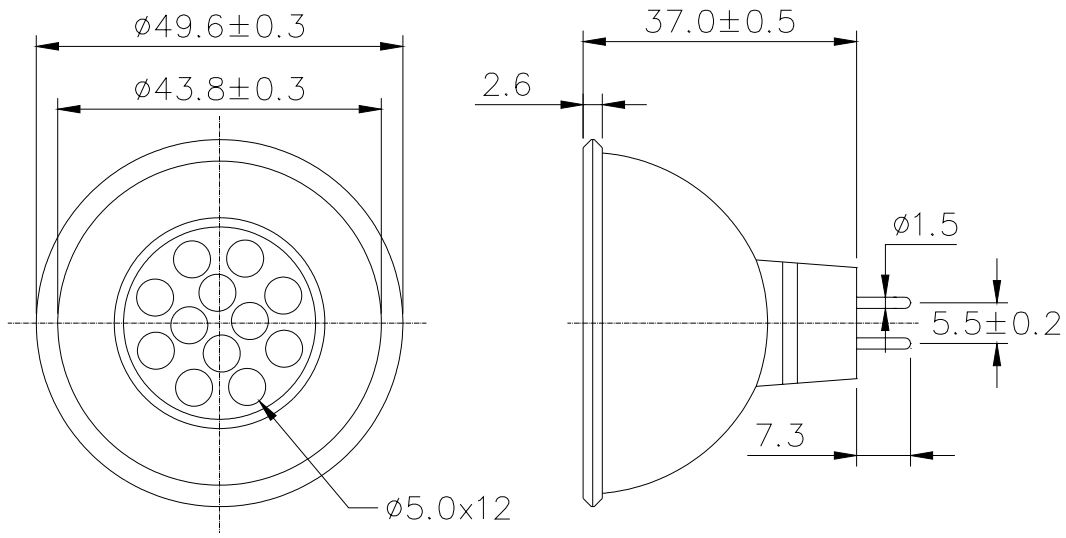
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Part No.: AB-125W3A-12V-MR16 ***Multi Lamps LED Bulb***

PACKAGE DIMENSIONS:



NOTE:

1. All dimensions are in millimeter.
2. Bulb base : MR16.
3. All tolerance are ±0.25mm.

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FEATURE:

- SUPER LUMINOSITY WHITE LED (InGaN).
- WATER CLEAR PACKAGE.
- 5mm ALL RESIN MOLD.
- BASE MODEL MR-16.
- ELECTRIC AC/DC BI-POLAR.

MATERIALS:

- LED LENS: UV RESISTENT EPOXY

ABSOLUTE MAXIMUM RATING: Ta = 25 ℃

- **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℃

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Operate Voltage		V	-----	12	14	V
Luminous Intensity	IF= 80 mA	I v	40	55	-----	cd
Chromaticity Coordinates	IF= 80 mA	X	-----	0.31	-----	-----
		Y	-----	0.32	-----	
Forward Current	VIN= 12 V DC	IF	-----	80	-----	mA
Viewing Angle		2θ1/2	-----	30	-----	deg

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COLOR RANKS:

Conventional A-Rank (Approximate Color Temperature: 6,500-10,000K)

	Rank A			
X	0.280	0.264	0.283	0.296
Y	0.248	0.267	0.305	0.276

Conventional B-Rank (Approximate Color Temperature: 5,500-6,500K)

	Rank B0			
X	0.287	0.283	0.330	0.330
Y	0.295	0.305	0.360	0.339

	Rank B1			
X	0.296	0.287	0.330	0.330
Y	0.276	0.295	0.339	0.318

Conventional C-Rank (Approximate Color Temperature: 4,500-5,500K)

	Rank C			
X	0.330	0.330	0.361	0.356
Y	0.318	0.360	0.385	0.351