

## 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

***A-BRIGHT***

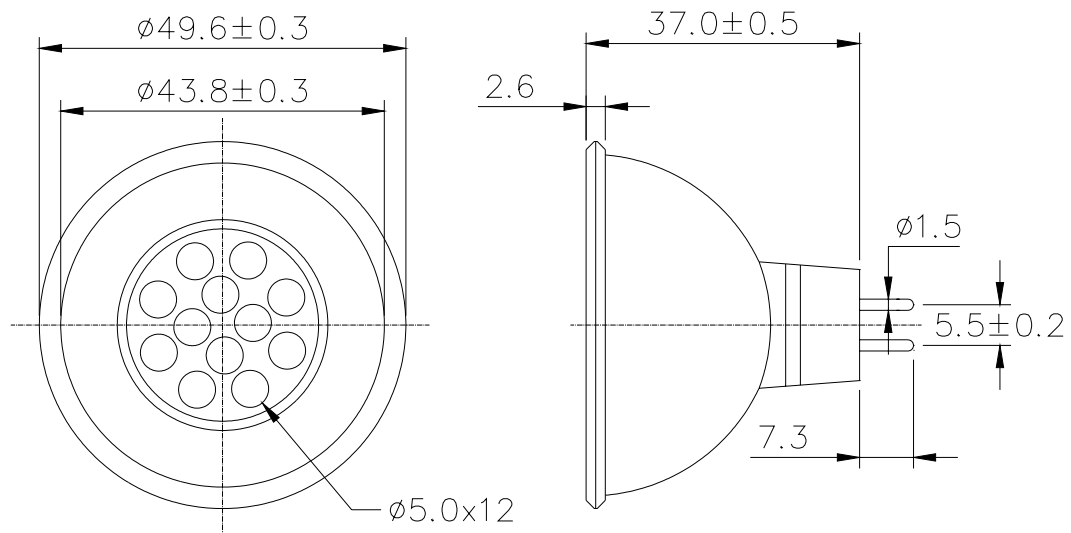
A-BRIGHT INDUSTRIAL CO.,LTD.

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***Part No.: AB-125TYA-12V-MR16***

***Multi Lamps LED Bulb***

**PACKAGE DIMENSIONS:**



**NOTE:**

1. All dimensions are in millimeter.
2. Bulb base : MR-16.
3. All tolerance are  $\pm 0.25$  mm.

**Part No.: AB-125TYA-12V-MR16**

***Multi Lamps LED Bulb***

**FEATURE:**

- SUPER LUMINOSITY YELLOW LED (AlGaInP).
- 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 °C**

- PEAK OPERATE VOLTAGE..... 14 V
- OPERATING TEMPERATURE..... -25 TO +85°C
- STORAGE TEMPERATURE..... -35 TO +100°C
- LED BULB LIFE..... 50000 HOURS  
(LUMINANCE REDUCES to 50%)

**ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25°C**

| PARAMETER                    |              | SYMBOL           | MIN   | TYP | MAX   | UNIT |
|------------------------------|--------------|------------------|-------|-----|-------|------|
| Operate Voltage              |              | V                | ----- | 12  | 14    | V    |
| Luminous Intensity           | IF= 80 mA    | Iv               | 80    | 90  | ----- | cd   |
| Dominant Wavelength          | IF= 80 mA    | $\lambda d$      | ----- | 590 | ----- | nm   |
| Spectrum Radiation Bandwidth | IF= 80 mA    | $\Delta \lambda$ | ----- | 30  | ----- | nm   |
| Forward Current              | VIN= 12 V DC | IF               | ----- | 80  | ----- | mA   |
| Viewing Angle                |              | 2 $\theta$ 1/2   | ----- | 30  | ----- | deg  |