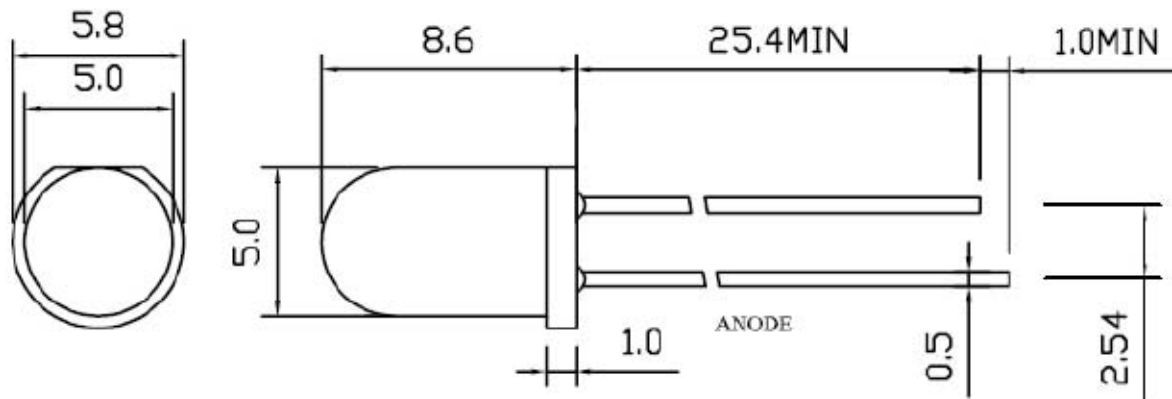


**24v internal resistor 5mm dip led**

3mm or 5mm dip diode led, with internal 5V or 12V or 24V resistor, can directly use on high voltage. At the same time, we can also provide welding wire services. Very widely used in model making, indicator lights and other applications.

**Package Dimensions**

Unit: (mm)

Tolerance:  $\pm 0.25$ mm**5mm led round type full colors:**

ZHIDING Technology Factory Sales

**FOCUS ON QUALITY**

Customer satisfaction is our pursuit

An orange LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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A green LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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A yellow LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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Customer satisfaction is our pursuit

A clear LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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A green LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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A red LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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A clear LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

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Customer satisfaction is our pursuit

A blue LED light with two silver leads, set against a grey geometric background with white lines and yellow triangles.

Part Number	Emitted Color	WD(nm)/ CCT.(K)	Lens Color	Vf(V) IF=@20mA	Iv(mcd) IF=@20mA	Viewing Angle
AL-L051SRC	Red	625	Water Clear	24	2000	30
AL-L051SOC	Orange	610	Water Clear	24	2000	30
AL-L051SYC	Yellow	589	Water Clear	24	2000	30
AL-L051VGC	Yellow Green	570	Water Clear	24	400	30
AL-L051TGC	True Green	525	Water Clear	24	20000	30
AL-L051UBC	Blue	470	Water Clear	24	2000	30
AL-L052SRD	Red	625	Color Diff.	24	300	60
AL-L052SOD	Orange	610	Color Diff.	24	400	60
AL-L052SYD	Yellow	589	Color Diff.	24	600	60
AL-L052VGD	Yellow Green	570	Color Diff.	24	80	60
AL-L052TGD	True Green	525	Color Diff.	24	3000	60
AL-L052UBD	Blue	470	Color Diff.	24	600	60
AL-L052SRW	Red	625	White Diff.	24	300	60
AL-L052SOW	Orange	610	White Diff.	24	400	60
AL-L052UYW	Yellow	589	White	24	500	60

			Diff.			
AL-L052VGW	Yellow Green	570	White Diff.	24	80	60
AL-L052TGW	True Green	525	White Diff.	24	3000	60
AL-L052UBW	Blue	470	White Diff.	24	600	60
AL-L051CWC	Cool White	10000	Water Clear	24	5000	30
AL-L051NWC	Neutral White	6000	White Diff.	24	5000	30
AL-L051WWC	Warm White	3000	White Diff.	24	5000	30

### Dip diode LED Application:

It have High-intensity,uniform illumination,Energy-saving and environmental protection,Low-power consumption,Well consistency,Bins sorting,Full-inspection before dispatch,CE & ROHS Certification, and widely used for many electronic products.

Precision crystal

Precision industrial camera zoom lens with automatic image recognition system to accurately position the chip

Automatic welding line

Fully automatic wire bonder, high precision wire bonding technology

Spectrophotometry

Intelligent dispensing system ensures high precision and accuracy of lamp beads

Packaging warehouse

Anti-static bag packaging, a large number of stock can be supplied to ensure timely delivery

## PRODUCT APPLICATION

- Power indicator
- Auto lamp
- The traffic light
- High-end electronic products
- Household electrical appliances
- Decorative lights
- Power converter
- Private Custom



### LED usage instructions

#### 1. Forming

- A: The PINs must be formed before soldering.
- B: Wehn forming, do not use the bottom of the PIN as the fulcrum

#### 2. Installation

- A: When applying the LED light to the bottom plate, do not apply physical pressure to the PINs.
- B. Blue, white, yellow-green, pure green LEDs need to be anti-static when installed.

#### 3. Welding requirement

- A: Do not immerse the gel in the deep molten solder.
- B: When the PIN is hot, do not apply pressure to it.
- C: Acceptable weilding conditions (as shown in the following table).

Welding method	Welding Condition
Soldering Iron soldering	300°C +-5°C, within 3 seconds (1.6mm from the colloid)
Immersion tin	260°C +-5°C, within 3 seconds (1.6mm from the colloid)
Reflow soldering (warm up)	75°C +-5°C, within 30 seconds
Reflow soldering (welding)	245°C +-5°C, within 5 seconds (1.6mm from the colloid)

### Our service:

Pre-sales: recommend suitable specifications according to customer requirements, customers test samples after confirming specifications;

Sales: arrange production according to the quantity of customer demand, follow up the production progress and feedback to the customer. After the production is completed, coordinate with the customer to arrange the transport mode and follow up the transportation situation until the customer signs the goods;

After-sales: Follow-up the use of the products.

**WELCOME TO CONTACT US>>>>WWW.ZHIDINGLED.COM**



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We focus on the production of various types of LEDs, and we can also provide customers with PCB customization and production services. Small MOQ, trial production orders are welcome.