



LEDlights.org
951-801-4546
26075 Jefferson ave
Murrieta, CA 92562

SPECIFICATIONS FOR LED COMPONENTS

Hipower module square series

Descriptions

- High power module
- High luminous flux
- Light color uniform and pure simple and easy to use
- Suitable for a variety of lamps

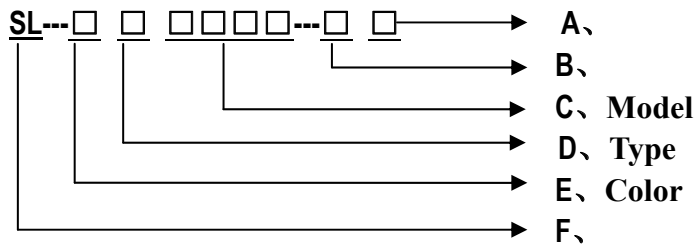
Features

- Viewing angle: 120°
- ROHS compliant lead-free soldering compatible
- White
- CCT: 5000-7000K

Applications

- Home lighting
- Wall wash lights
- Down light
- Lighting
- Landscape lights

Kit number system:



A- Parallel number	A	B	C	D	E		0	P	Q	R	S
	1	2	3	4	5	...	15	20	24	25	30

B-Concatenate umber	A	B	C	D	E		0	P	Q	R	S
	1	2	3	4	5	...	15	20	24	25	30

C-Model	MZ05
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D-Type	M
	Multi-chip

E-Color	O	R	G	B	Y	W	I
	620-630nm	630-650nm	515-525nm	460-470nm	585-595nm	White	Warm white

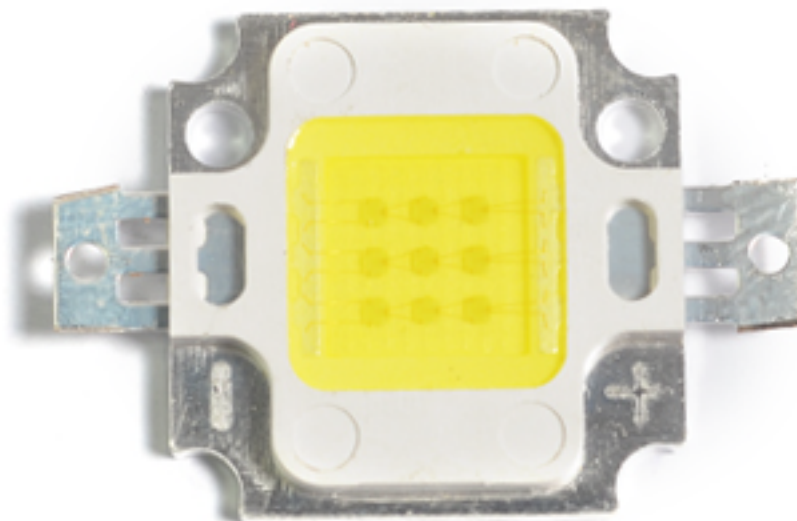
Electro-optical characteristics

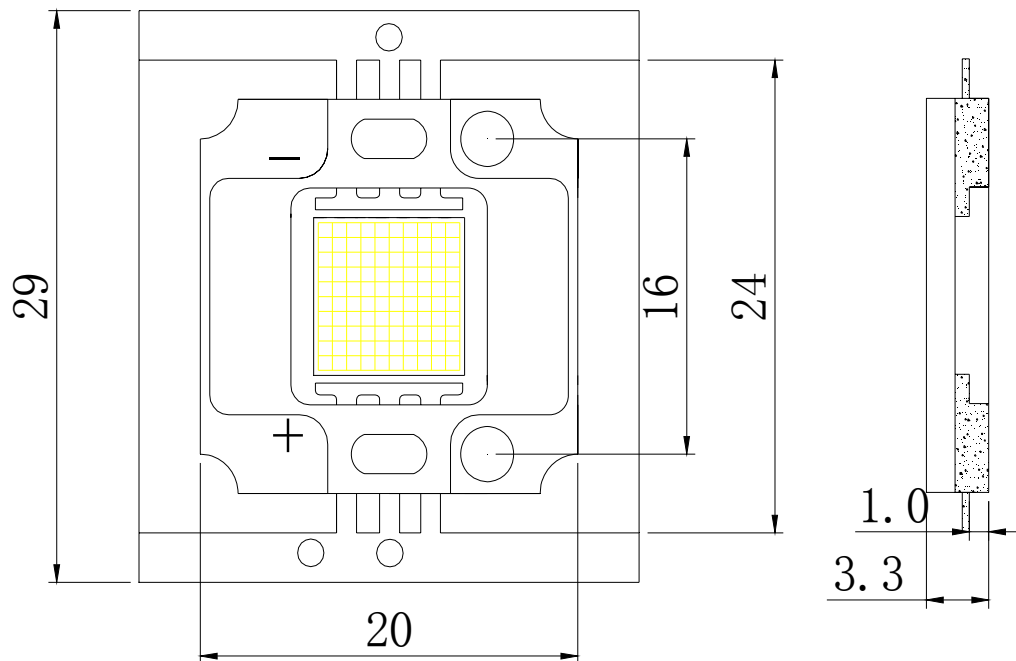
(Ta=25°C)

MZ05 series :

Model	Parameter	Test Condition	Symbol	Value			Unit
				MIN.	TYP.	MAX.	
SL-WMMZ05-DA	Forward voltage	If=350mA	VF	13		14	V
	Luminous intensity	If=350mA	Φ	400		500	Lm
	Viewing angle at 50% Iv	If=350mA	2 θ 1/2		120		Deg
	Reverse current	VR=20V	Ir			10	μ A
	ESD	>2000(HBM)					V

(MZ05) Mechanical Dimensions:Unit (mm)





NOTES :

Tolerance: $\Phi \pm 10\%$, $V_f \pm 0.1V$, $X, Y \pm 0.01$.

IFP Conditions: Pulse Width $\cong 10\text{msec}$ and Duty $\cong 1/10$.

The above products can manufacture different power leds base on customer's requirement, especial need, such as current, voltage please feel free to contact us with modifying.

Specifications

.Handwork soldering:

1. During the soldering, the electronic soldering iron must be kept under the temperature of 300 °C and the soldering time must not be beyond 3 seconds. No touch between the electronic soldering iron and colloid.
2. Handwork soldering is only allowed once. We won't take responsibility for more than that.
3. When handwork soldering blocks the colloid with the object to avoid in the tin silk or the tin paste welding flux splashes to the colloid surface .
4. Avoid using sharp objects to compress products Colloidal Part directly.
5. Please put on the antistatic hand loop during the use. The worktable should be with antistatic finish. The equipments must be contacted with ground.
6. After handwork soldered, please through away the dust-protect membrane.

.Storage conditions

Before opening the package:

The LEDs can be preserved for 1 year in condition of temperature no more than 30 °C and humidity no more than 60%RH. Recommended for moisture-proof foil bag with desiccant packaging methods and stored in the constant temperature and humidity box.



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