

hydraulic fan 12000lm LED Headlights

Our Product Introduction

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Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HDV10



Product Specification

- Lamp Beads: 3570 Six-core 6068MIL Three-amp Security Chip
- Voltage: DC13.2V
- Cold Start Rate: 120W± 5%/Single
- Stable Power: 75W/Single
- Cold Light Flux: 12000LM/Single
- Stable Luminous Flux: 7500LM/Single
- Color Temperature: 6000K
- Operating Temperature: -40 ~ + 105
- Highlight: Hydraulic Fan 12000lm LED Headlights, DC13.2V 12000lm LED Headlights



More Images



Product Description

Product name:V10-120W San'an CSP chip 12000LM LED headlightsLED is an electroluminescent device that uses a solid semiconductor chip as a light-emitting material and directly emits light through the combination of carriers. LED headlights are lighting devices made using LED as a light source.

Product description

Quick details

Double ball fan

Hydraulic/hydraulic fan

Color temperature of headlights

Temperature control system

Decoding principle

EMC anti-interference

Description:If there is only one degree of electricity, I choose to use Tianjin photoelectric LED headlights.

12000LM high-power series is brighter and safer Sanance CSP chip.

Dynamic pressure fan FDB, that is, double ball bearing fan In the form of rolling friction, two ball bearings are adopted. There are several tiny steel balls around the axis in the bearing. When the fan page or axis rotates, the steel balls follow the rotation of the heat dissipation technology. Because they are all spheres, the friction is small and there is no problem of oil leakage. Advantages: Long service life, about 60000-100000 hours, good anti-aging performance, high rotation speed and large air volume. Disadvantages: high manufacturing cost and the greatest noise at the same speed.

Domestic hydraulic fan:The hydraulic fan is rotated by oil. When the fan rotates, the oil will be thrown out, and if the temperature is too high, it will also evaporate. Advantages: The average life of the hydraulic fan can reach about 40,000 hours. The operation noise is low and the cost is cheaper than the double ball fan. Disadvantages: After a certain period of use, the lubricating oil will evaporate, resulting in wear and reducing service life.

Regular color temperature:6500K positive white light/pure white light Conventional customized color temperature: 3000K yellow, 4300K warm white light, 5000K close to white light, 8000K close to blue light. Extremely special customized color temperature: lime, pink, dark blue, etc.

Temperature control system: temperature control system, in which there is a temperature sensor that can detect the temperature control temperature of the lamp body, which can effectively control the temperature within a reasonable range. The temperature will not be too high, and the lamp beads will not burn out. The reasonable temperature value of the headlights is 110 degrees. The lamp pole is 80 degrees.

The decoding principle is to increase the current and break through the limitation of the system's voltage setting. Thus, the car can be used normally without warning. At present, the styles we often sell are all with decoding, but the decoding rate is different, and the decoding rate of cheap models is low.

EMC is anti-interference, does not interfere with the radio, does not interfere with the driving computer, does not interfere with Bluetooth, and does not interfere with navigation. All our drivers have EMC.

General specifications

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Lamp beads	3570 six-core 6068MIL three-amp security chip
Voltage	DC13.2V
Cold start rate	120W± 5%/Single
Stable power	75W/Single
Name HDV10	
Cold light flux	12000LM/Single
Stable luminous flux	7500LM/Single
Color temperature	6000K
Operating temperature	-40 ~ + 105
Specifications	H1-H3-H7-H11-9005-9006-9012-D2-880
H4/H19/9004/9007/H13	

Precautions

1. Correct installation: Ensure that the LED headlights are correctly installed on the vehicle and install them according to the manufacturer's instructions. Incorrect installation may cause the headlights to fail to work properly or be damaged.

2. Legal use: According to local laws, ensure that the use of LED headlights is legal. Some areas may restrict or prohibit the use of LED headlights. Please understand the local laws and regulations and abide by them.

3. Adjust the lights: Ensure that the lights of the LED headlights are adjusted correctly to avoid disturbing other drivers or disturbing the sight of other vehicles. If you need to adjust the lighting, please follow the manufacturer's instructions.

4. Regular inspection: Regularly check the working status of LED headlights to ensure their normal operation. If any fault or damage is found, it should be repaired or replaced in time.

5. Prevent overuse: Try to avoid the continuous use of LED headlights for a long time. Long-term use may cause overheating, affecting its life and performance.

6. Waterproof and dustproof: Ensure that LED headlights have good waterproof and dustproof performance to protect their internal components. If the LED headlights are flooded or affected by dust, they should be cleaned and repaired in time.

7. Pay attention to maintenance: LED headlights need regular maintenance, including cleaning lampshade and internal components to maintain their brightness and clarity.

In short, the correct installation, legal use, regular inspection and maintenance of LED headlights are important considerations to ensure their normal operation and prolong life.

Apply

LED headlights are widely used in automobile lighting systems, including headlights, taillights, brake lights, steering lights, width lights, etc. The following are the specific applications of LED lights:

1. Headlight: LED headlight has the characteristics of high brightness and long-distance lighting, which can provide better visibility and safety.
2. Taillights: LED taillights have the characteristics of fast response and high brightness, which can improve the recognition of the rear vehicle's braking situation.
3. Brake light: LED brake light responds quickly and can quickly emit a striking red light to remind the rear vehicle to slow down.
4. Turn signal: LED turn signal has the characteristics of high brightness and fast response, which can improve the visibility of the steering signal.
5. Wide light: LED wide light is usually installed on the front and rear sides of the vehicle to provide side visibility at night or in bad weather.
6. Daytime running lights: LED daytime running lights can provide visibility of vehicles and reduce the risk of traffic accidents during the day.
7. Fog lamp: LED fog lamp has the characteristics of high brightness and wide-angle lighting, which is suitable for providing better lighting effects under low visibility conditions such as foggy days.

In short, LED headlights have the advantages of high brightness, low energy consumption, long life and fast response, and have become the mainstream choice of modern automobile lighting systems.

Frequently asked question

Fans, lamp beads, materials, cards, drives and packaging are the main factors affecting product prices.

24V headlights need additional customized drives, and the cost needs to be re-verified.

In addition to the silver/white appearance, H4 makes other colors, and the high beam will shine out the corresponding color of the lamp body.

Why doesn't H4 make four light beads? (Our routine practice, if the customer insists on doing it, we need special notes)

The heat dissipation of aluminum will be better than that of zinc alloy, so why do we all make the appearance of zinc alloy now? The appearance is more beautiful and is not easy for others to imitate.

For the combination of drivers, large drivers above 85W are selected, and there are too many drive styles. It is recommended to recommend conventional ones to customers.

The customer wants to change the line on the driver.

First, consider whether the thick line of the copper pipe in the line can be used for such a high wattage.

Second, change the color of the line

Third, It is recommended that customers use regular lines.



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