

Wandan:The Technical Parameters Of LED High Bay Lights And How To Prevent "Pit"

At the same time, you have already selected the product and supplier. If you hesitate, the potential opponent of the supplier will do everything possible to destroy your order and purchase agreement.



Dongguan, Guangdong Sep 11, 2024 ([IssueWire.com](http://www.IssueWire.com)) - Product Material

It adopts high-strength [die cast aluminum](#) shell, drawn-cast aluminum radiator, high-efficiency reflector, and external electrostatic thermoplastic spraying, which is corrosion-resistant, impact-resistant, and durable.

Product Features

1. The LED plane integrated light source is used, with small thermal resistance and low temperature rise. The lamp housing is a part of the radiator and conducts heat directly.
2. LED industrial and mining lights use a wide voltage design. When the voltage fluctuates, the total power of the lamp body basically does not change, avoiding stroboscopic flicker, and ensuring the stability of the lighting environment for workers.
3. No dust, no mosquitoes, save the trouble of cleaning the light source lamp body frequently.
4. Compared with traditional halogen lamps and high-pressure sodium lamps and [LED Stadium Lights](#),

it adopts LED plane integrated light source, non-polluting materials and ultraviolet and infrared radiation to create a healthy and comfortable working environment.

5. Make full use of the advantages of LED instant start, start the lamps instantly in places where LED industrial and mining lights are used in large areas, and improve work efficiency.

The Scope Of Application

Mainly applicable to warehouses, supermarkets, large workshops, steel factories, shipyards, aircraft manufacturers, large machinery factories, hardware workshops, warehouses, highway toll stations, gas stations, large supermarkets, exhibition halls, gymnasiums, car waiting halls, trains Station waiting hall and other places that require high space lighting.

What is the installation spacing of LED industrial and mining lights?

Recommended installation height of 30W [LED high bay light](#): 3m Installation spacing: 10-15m

Recommended installation height of 40W LED high bay light: 4m Installation spacing: 15-20m

Recommended installation height of 45W LED high bay light: 5m Installation spacing: 15-18m

Recommended installation height of 50W LED high bay light: 6m Installation spacing: 18-22m

LED High Bay Light 55W Recommended installation height: 7m Installation spacing: 20-23m

Recommended installation height of 60W LED high bay light: 8m Installation spacing: 23-25m

Precautions

1. LED industrial and mining lights and driving power must be installed in an open place, which is conducive to heat dissipation

2. Regularly clean the dust of LED industrial and mining lamps and driving power to ensure good heat dissipation.

One lamp at intervals of 4~6 meters is enough. If you want to be brighter, use 4 meters or 16 square meters per lamp. If $80 \times 100 / 16 = 500$ lights are not too bright, use 6 meters or 36 square meters per lamp. $80 \times 100 / 36 = 222$ lights

It is generally used in mines, warehouses and other places, that is, places that need long-term lighting and do not require high color rendering index. The definition of a good [led light manufacturer](#) is not very accurate. It mainly depends on your positioning of product prices. Good materials will of course bring quality assurance to good products.

Several methods of how to choose LED high bay lights in industry

As ordinary consumers, we may choose the product more in consideration of the price of the product, followed by the appearance quality, etc. Sometimes the price exceeds the budget, and we will choose to give up the purchase of the product. However, in the industry, the choice of LED high bay lights must take the price factor lightly. It is not that you do not pay attention to the price, but choose products with

higher cost performance. How can we choose a product that is more suitable for our needs? The following is a brief introduction to the selection method.

1. Choose according to actual needs

When choosing industrial and mining lamps such as coal, petroleum, and chemical industries, it is not only necessary to consider whether the lighting requirements can meet the requirements, but also factors such as dustproof and waterproof, and even explosion-proof requirements. This restricts the first requirement for us to choose LED lamps. We bought ordinary industrial and mining lamps, but they can't meet the requirements in terms of energy saving. It is cheap to buy lamps and expensive to use; choosing ordinary LED lamps may be acceptable in price, but it is safe to use. There is no guarantee, and the replacement of lamps every three days will bring a lot of inconvenience to our work. Generally, the floor height of the factory building is relatively high, and professional escalators or lift trucks are required to replace lamps, which increases our invisible investment costs. Therefore, such enterprises need to consider factors such as whether the product meets the requirements of national quality standards and whether it has passed the explosion-proof certification when choosing lamps.

Second, consider the comprehensive cost-effective choice

LED high bay lights, especially LED high bay lights that have passed explosion-proof light certification, military certification, quality system certification, etc., because they will strictly implement national standards in terms of production and material selection, and will not use inferior means of cutting corners to reduce product costs, so the price may be taller than typical light fixtures. However, the one-time investment at the time of purchase is exchanged for high-quality products. When using it, it not only saves electricity costs, but also saves the cost of secondary purchases, maintenance and replacement of lamps. The key is to provide a reliable guarantee for our safe production.

3. Appropriate power, illumination and color temperature

This point is particularly professional. The power of LED industrial and mining lights should be selected according to the actual lighting area. High power will cause waste of electricity resources. , The production line requires high resolution, such as the textile industry requires high-resolution lamps, this is what we recommend using products with a color temperature of around 6000, and illumination and other conditions that meet the requirements.

Experience in buying industrial and mining lamps

When buying LED high bay lights, if you first look at the price of ufo led high bay lights, or put the price first, you will be wrong, because the price is the most sensitive and can influence personal thoughts. Now manufacturers from all walks of life are mixed, including intermediary traders, which leads to market chaos, chaotic prices, and uneven quality.

According to the analysis of the market based on more than ten years of experience: the situation encountered by ordinary customers; when the price is low, they dare not buy it; . The main reason for this situation is that we still don't know what to pay attention to when buying LED high bay lights.

First: Look at the quality of LED industrial and mining lights, that is, the configuration. First of all, what brand of LED industrial and mining lamp chips are used? Imported first-line brands have high luminous efficiency, long life, low light decay, and stability. Secondly, look at the power supply. A poor-quality power supply is basically insufficient power, that is, if you take a 100w LED Horse Arena Lights, it is

actually 40-50w, which will affect the life of the lamp. Then look at the material of the lamp housing. The price of the lamp also depends on the amount and purity of the aluminum used. Imported pure aluminum is used, and the heat sink is large. Naturally, more aluminum is used. Only the material used can ensure the heat dissipation effect of the lamp. In addition, the electrical box of the lamp should be made of pure aluminum, and some cast iron does not have good heat dissipation.

Second: Talk to the supplier about the company. Observe whether the supplier is professional through talking with the other party, so as to ensure the authenticity of each accessory used and not cut corners. Some small companies sell LED high bay lights with low configuration and low price to you. After a few months of use, the lamps are broken. When you go to them, some companies have closed down or changed their company names to continue to deceive consumers.

Third: Talk to the supplier about the price. Ask the supplier's price system, rather than the specific product price, so that you can clearly understand the price space, so that you can see how much space is available in the price of the product you need. Then propose the product, inform the product demand, and the quotation is the supplier's business. With so much talk, the supplier can only make a reasonable quotation.

Fourth: place the order in time. Don't hesitate after the negotiation, be quick, because the supplier will respond to you quickly; if you slowly place an order to buy, the supplier will also slowly prepare the goods for you, and the production of LED industrial and mining lights is always in stock. Made to order. The supplier will definitely have a lot of customers. The supplier's handling of the order must be arranged in order and according to the pace of things, so if you are fast, the supplier will be fast!

At the same time, you have already selected the product and supplier. If you hesitate, the potential opponent of the supplier will do everything possible to destroy your order and purchase agreement. Good time to buy, you may have to spend the entire process to find a new supplier, and generally you can't find an equally good linear LED high bay light supplier that satisfies you, because when you look for a supplier again You are already in a passive position

Wandan LED Light have over 20 years of knowledge and combined experience in LED Light wholesale in online, high tech LED Light assembly service, LED Light manufacturing service and different PCB assembly technologies like Through-hole (THT) and Surface Mount (SMT). Mainly, we work with six types of high power led light including **high bay light, Street Light, Flood Light, Underground Light, Garden Light, Spot Light** and **Wall Light**.

Turnkey system integrator for circular and linear high power lighting. We try to continuously innovative and invest in design, prototyping, Human resource, Quality, Digital & Infrastructure, NPI, assembly, and testing and inspection equipment. Available in 10 to 1500 W power, 120 to 480 V input voltage, 1,200 to 42,000 lm lumen and -20 to 45 degrees C operating temperature. Suitable for warehouse, distribution center, institutional setting, aerospace, Defense, digital, mechanical, automobiles, **Tunnels**, dental / medical / healthcare, Renewable, Energy, Industrial, Telecommunication and more. CE certified. RoHS compliant.

At Wandan, LED Light assembly and manufacturing is our core competency! We are not just a LED Light wholesaler; we can completely manufacturing at spare parts to led light body for delivering the benefit of unparalleled technical expertise and the most progressive solutions at competitive prices. We have proven expertise in LED Light wholesale service, LED Light fabrication service and LED Light assembly service. Customer relation and trust is always important for us.



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Source : WANDAN Lighting Inc

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