

Led Tube in indoor lighting applications are at a preliminary stage, this is because the cost is too high lumen factor, for another, LED panel light too few types of indoor lighting, lighting designers suffer no choice, but Indoor lighting products are promoted to the obstacle. Think, LED panel light indoor lighting product development and promotion should focus on the following five areas:

1, Products

Interior Lighting the traditional lamp can be called under various names, Led panel light, Led tube, Led spotlight, such as commercial lighting and the composition of the two major areas of home lighting, indoor lighting dominate the direction, but now applied to indoor lighting LED products is LEDtube, LED panel light floor tiles and other decorative lighting, other common traditional lighting LED light source applications are rare, but a huge potential market, no doubt, with the LED panel light to enhance light efficiency and lower prices, who first developed a series Led panel light products will come to occupy the market opportunities.

2, product integration, intelligence

An LED panel light the biggest advantage is easier to control. Cluster control and can, in some occasions require programmability, LED panel light intelligent products can provide a range of solutions that includes three color LED, and a microprocessor smart LED products, DMX512 communication protocol can be configured to Pacific Internet to run, this is the intelligent management of interior lighting provide a convenient, you can also play down the use of LED panel light led to high initial investment cost disadvantage.

3, the product human

Lighting, through a series of evolution in the following, is slowly becoming a fashion, personalized lighting products have become a first choice, but LED panel light bulky, unlike traditional light sources have glass, and light, easy to control, in exterior lighting design of human nature to the LED panel light lamp manufacturer unlimited play space.

4, increased luminous flux efficiency, reduction of the maximum integrated lighting costs.

While LED panel light source as in some traditional high-efficiency light source, but because LED panel light LED directional light source intensity, high availability, so long as reasonable by the optical processing, maximum use of its luminous flux, the illumination side, LED panel light can be achieved functional lighting requirements.

In the same test conditions and 60W 15WLED halogen illumination cup. Within 3 meters in the center of illumination LED light source is much higher than the halogen Cup, in practice, a common lighting lights Cup range 1-3 meters, from the chart can easily see that 15WLED cup significantly better lighting effects 60W halogen lamp, cup, cup, mainly because the halogen is not good use of their luminous flux.

Five, high power LED panel light to solve the cooling technology, the maximum delay the power failure light LED panel light

High-power LED is the LED panel light industry, a future development direction of the current luminous efficiency because of the higher and superior lumen maintenance and become major suppliers to compete to develop the product, but the power LED on the cooling techniques are required, the environment temperature reaches a certain limit will soon have a light failure, a direct result of the decline in life LED panel light, currently only a small amount of 1W and 3W high power LED application market, 5W, and 10W high power LED still at laboratory stage . Only by addressing high-power LED thermal technologies, maximum LED light slow decline to a large area in the promotion of high-power LED panel light applications.

At this stage, LED has been replaced in many places the use of traditional light sources, especially the emergence of high-power LED, LED accelerated pace to replace traditional lighting, LED indoor lighting makes a large area applications become reality, with the industry continues to mature, LED product development, vertical depth, high-power LED light effect on the price and there will be a great amount of variation, combined with the strong national policy guidance, the public's positive publicity, we have reason to believe that the next decade, LED panel light will definitely be the same as current fluorescent lamps, flying into the homes of ordinary people.