



# LED

## 简介 Introduction



1970年，发光二极管发明问世，作为一项崭新的技术在经历了几代曲折发展后，LED有幸在最近几年在很多国家和地区受到追捧和应用。凭借其在光强输出技术方面的突破，大规模制造和成本降低，以及被政府机构，客户和设计师的广泛认知等优势上，LED正赢得飞跃发展的绝好机会！其应用被广泛地延伸到数码显示屏，指示灯，标志灯，交通灯和各类建筑装饰及商业照明中。

LED以其小尺寸，长寿命，散热好，能效高，稳定强，任意颜色组合，可调角度以及快速响应的优越性能，通过所需的形状，颜色，尺寸，和光学封装来实现灯具在色彩变化，亮度调节，光线分布和光效设计中的灵活应用。在一些领域里，白光LED的发展彻底唤醒了灯光设计师的无限创意，我们可以乐观地去预测：LED将在不久的将来取代传统光源并占据照明行业的主导地位，这必将是未来之路。

Since 1970s, Light-emitting diodes have been created as a brand new technology. After flexuous marching in the past several decades, luckily LED has been warmly welcomed in various countries and areas in recent years, due to the breakthrough including output light intensity technology, lower cost upon mass production, and acknowledgement by government officials, owners of commercial units, consumers, and designers as well. And now LEDs have obtained a great opportunity for rapid growth. It was expanded from application of numeric display and indicator lights to new and potential one, such as sign, accent light, task light, traffic light, building and commercial lighting. LEDs offer benefits such as small size, low heat output, energy savings, durability, color combination, adjustable beam angle and prompt response. They support extraordinary flexibility in color changing, dimming and distribution by combining these small units into desired shapes, colors, sizes and intensity. In some fields, the development of LED light has awakened lighting designers to new possibilities with this light source. We are very optimistic that LED will replace regular and traditional light source, and it can dominate the industry, LED is forward to the direction and way of future.