

China LED Traffic Light Market Report, 2008



The traffic lights developed from gas light to incandescent lamp and low-voltage halogen lamp, and then to ultra bright LED, which is the ideal light source for traffic lights considering its features as small power consumption, long life and substantial increasing of brightness.

China started the probation of LED traffic lights since 1999, the replacement of LED traffic lights was basically completed in the large Chinese cities by the end of 2008, and the future installation of LED traffic lights will mainly focus on medium-small sized cities.

Currently, Guangdong Province has started up its large-scaled replacement plan of LED street lamps, and the significant LED street lamp demonstration project has been under the way in the city of Dongguan. This province planned replaces a total of 100,000 street lamps in ten cities including Dongguan, Foshan, Huizhou, Zhaoqing and Zhongshan in the next two years.

The LED manufacturers such as NICHIA, TOYODO GOSEI, CREE, GELCORE, LUMILEDS and OSRAM are also the main LED technology developers, while the other manufacturers from Taiwan and China like Everlight, Epistar and OPTO-TECH relies on their patents. And in China, the LED industry is mainly distributed in the regions of YRD, PRD and Jiangxi Province, Fujian Province, and Bohai Bay.

On the basis of statistics from the authoritative organizations like China Association of Lighting Industry, China LED Industry Association, Optoelectronic Devices Branch of China Optics and Optoelectronics Manufactures Association, the report provides an overview of China's LED traffic light market as well as the profile of global LED manufacturers and key traffic light manufacturers in China.



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