

## Advantages of Lumin Lighting LED Street light

### 1. LED

- 1) Original USA **CREE or Bridgelux LED** (high luminous efficiency, stable color temperature, long lifespan, best package technology, Sic substrate, China packaging material, best heat dissipation LED.)
- 2) The best chips are often used by their factory, so the quality is better compared to other packaging plants.

### 2. Driver

- 1) Meanwell LED driver from Taiwan
- 2) Universal input voltage, **85V-300V**.
- 3) The use of the **United States National Semiconductor IC**, using the MCU multi-channel control of a single string.
- 4) Driver has full design margin, greatly improve product stability and lifetime.
- 5) The semiconductor power components use **National Semiconductor (NS), STMicroelectronics (ST) and other famous brands, original capacitors from Japan Rubycon.**
- 6) **UL, PSE and CE** certificate.

### 3. Optics

- 1) New **unique second optics design**, asymmetric and rectangular beam both good for street lighting.
- 2) Anti-UV optical PC material, up to **93% transmission rate**.
- 3) Meet a variety of roads and pole height with various lighting distribution options.

### 4. Heat

- 1) The thermal resistance of **CREE LED** is less than others and is the best thermal performance LED now.
- 2) The structure of heatsink is in accordance with aerodynamics, natural heat dissipation by **cross-ventilation**.
- 3) **Intelligent power supply** can control the temperature rise by temperature controlled setting.
- 4) Committed to major science and technology project of Chinese Science and technology ministry on LED heat dissipation.

### 5. Process

- 1) Welding material with special formula, lower the melting point of solder material while increase the robustness of solid welding, reduce the damage to components by soldering temperature but also to ensure that **product stability in the high and low temperature**.
- 2) The **special LED welding nozzle** to protect the LED in the extraction process.

## 6. Performance

- 1) More than 70% energy saving.
- 2) **High luminous efficacy, High CRI.**
- 3) Achieve the temperature controller, time controller and light controller.
- 4) Realize the wired or wireless remotely intelligent monitoring.
- 5) Easy to maintenance.

图片



LED Street Light Project