WP2

WATERPROOF SMART BULB LIGHT

LED STREET LIGHT BULB 30-50W



DESIGN CONCEPT

1. Based on the pain points and defects existing in similar products on the market, this product adopts the waterproof design of the whole lamp structure, and the overall design of industrial style makes the lamp highlight the angular texture
2. After the lamp is installed, the angle of the light-emitting part can be adjusted twice, and the designated area of the light can be precisely controlled in the actual use process
3. The optical lens adopts polarized light design, which reduces the energy waste caused by light irradiation on invalid areas in actual use

PATENTED PRODUCTS, COUNTERFEITING MUSTBE INVESTIGATED

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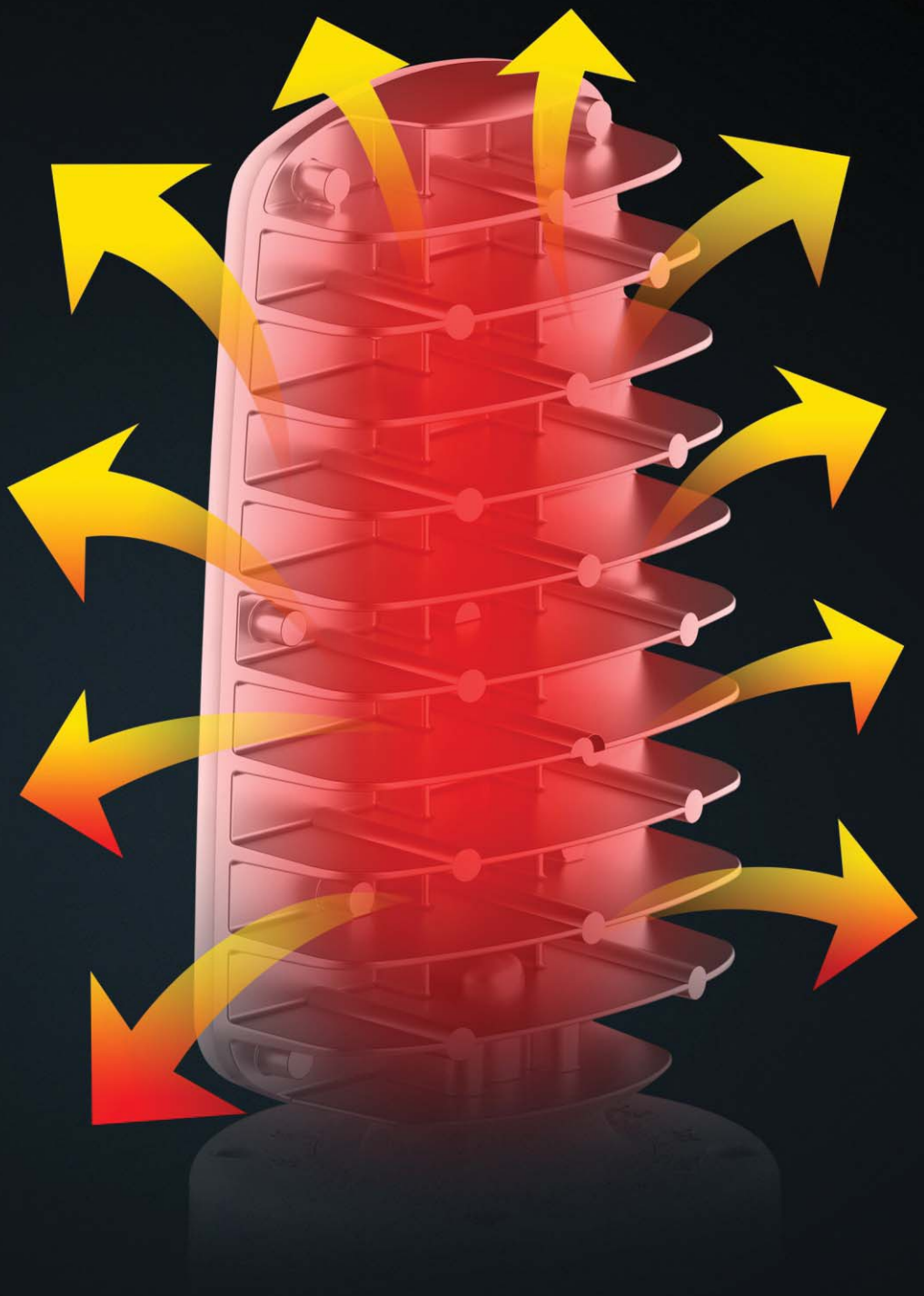
SHARP EDGES
EXCELLENT HEAT DISSIPATION



HIGH-PURITY ALUMINUM HEAT SINK

1. The light source board is directly attached to the pure aluminum radiator, and the straight-forward direct heat dissipation method is always the best solution
2. The horizontal flakes on the back of the heat dissipation teeth conform to the uniform air flow direction, which not only ensures heat dissipation, but also has a more aesthetic feeling
3. The sharp-edged metal texture and the white lamp body complement each other, everything is so natural and just right

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OUTDOOR WATERPROOF



IP65 WATERPROOF GRADE

1. Under the premise of ensuring excellent heat dissipation performance, multiple waterproof rubber rings are set inside the lamp bodyPerfect cooperation between parts to achieve high-performance structural waterproofing
2. Through the precise waterproof and heat dissipation structure, it can work normally in any harsh environment

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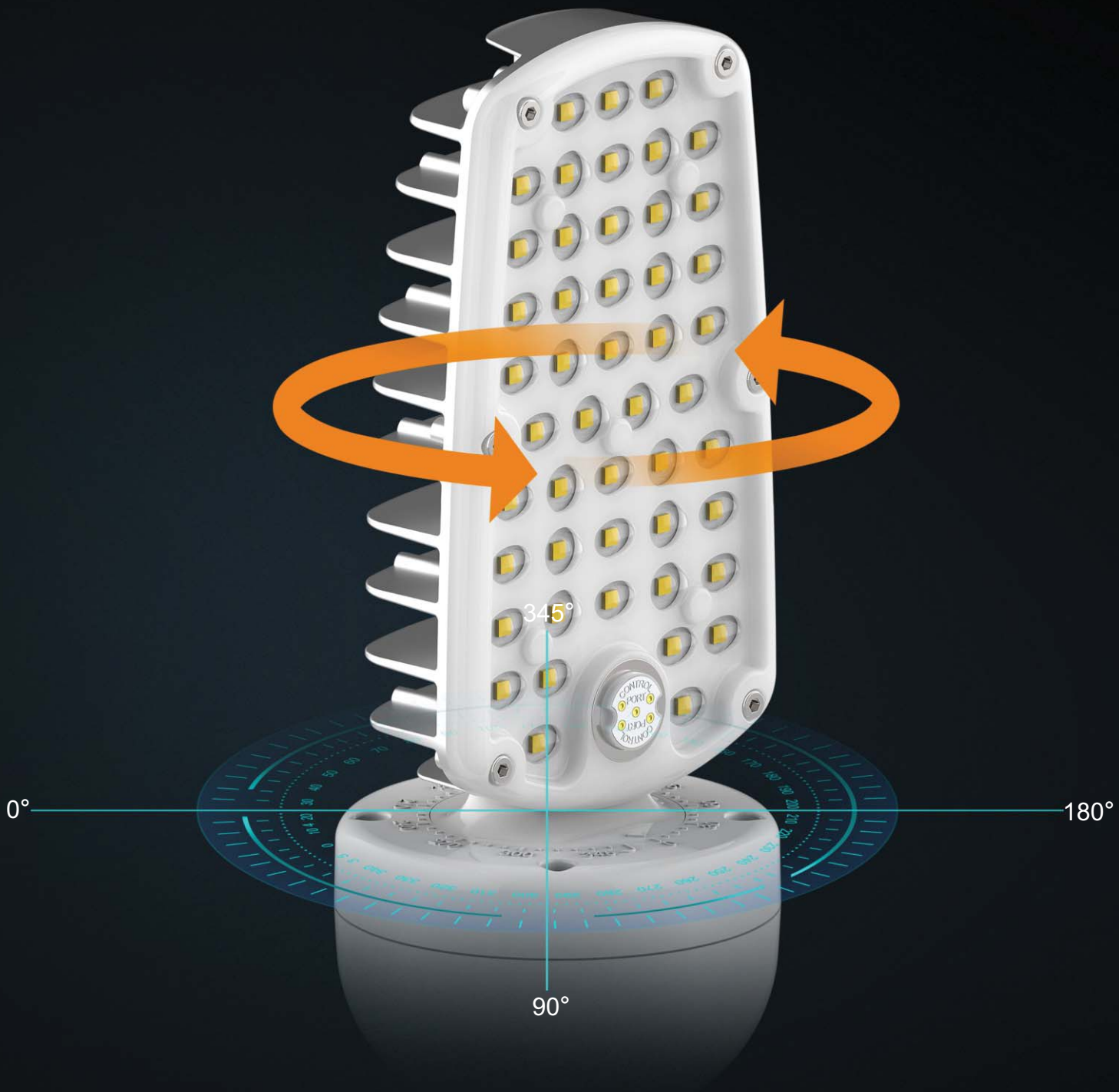
345 DEGREE ARBITRARY ADJUSTMENT



HORIZONTAL LEFT AND RIGHT ADJUSTMENT ANGLE DESIGN

1. Directional lighting products are often in a single direction. This product adds a horizontal, left, and right angle adjustment function of 345 degrees.
2. The lamp body is equipped with a scale mark, which truly realizes the demand for precise lighting in the actual use process

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NTC INTELLIGENT TEMPERATURE CONTROL



DUAL TEMPERATURE CONTROL SELF-RECOVERY PROGRAM

1. The NTC smart probe detects the temperature of the dynamic high-temperature components at all times. When the driver temperature is higher than the normal preset value, the program automatically adjusts the power. When the driver temperature is less than or equal to the preset value, the power automatically returns to the normal standard.
2. The radiator is equipped with a temperature control probe. When the product is used in an abnormal high temperature environment and the temperature of the radiator is higher than the preset value, the program will automatically reduce the current power by 30%, and the power will automatically return to normal after the temperature returns to the normal value. standard.

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SMART CONTROL EXTENSION



STANDARD INTELLIGENT SIGNAL TRANSMISSION INTERFACE

1. With the patented signal power supply external intelligent interface, it is convenient and efficient to plug and unplug
2. It provides a convenient carrier for different intelligent control methods, and this design creates more possibilities for intelligent control

PATENTED PRODUCTS, COUNTERFEITING MUSTBE INVESTIGATED

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INTELLIGENT CONTROL SYSTEM





Radar/IR Sensor



Photocell Sensor



APP Wi-Fi Control

A VARIETY OF INTELLIGENT CONTROL MODULES FOR YOU TO CHOOSE

5 kinds of control modules(Purchase separately), plug and play convenient and efficient, to deal with a variety of complex application scenarios



IR Sensor

Hold time：30S、90S、5M、10M
Standby power：0%、20%、40%、60%



Radar Sensor

Hold time：30S、90S、5M、10M
Standby power：0%、20%、40%、60%



Photocell Sensor

Light Sensor：20LUX、50LUX、100LUX、300LUX
Work time：1M、5H、8H、Full time



BT Mesh Control

Remote brightness adjustment
timer switch、cloud networking



Wi-Fi Control

Wireless brightness adjustment、timer switch
multi-light networking
(Remote control needs to add a gateway)

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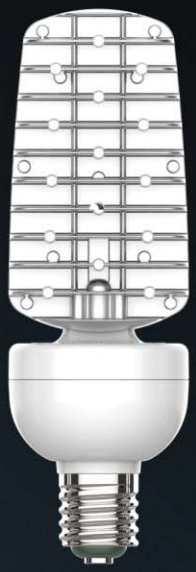
WATERPROFF SMART STREET LIGHT BULB

(Front)



(Back)



(Side)



WP2 Waterproof Street Light Bulb

Model： TK-VCL-54-CW

Size： φ90*275mm

Power： 30W/40W/50W

Smart Options： IR / Radar / Photocell / Wi-Fi / BT Mesh

Materials： Die-casting Aluminum PC

Input Voltage： AC100-277V/AC185-265V (optional)

Beam Angle： 70*140°

Luminous： 130LM/W CRI≧80RA

Power Factor： PF≧0.5 PF≧0.95 (optional)

LED Chips： Epistar / Sanan / Osram

C.C.T： 3000K / 4000K / 5000K / 6500K

HOLDER： E40 E39 E27 E26 B22(optional)

Carton Size： 400*300*295mm

Qty/Ctn： 12 pcs/ctn

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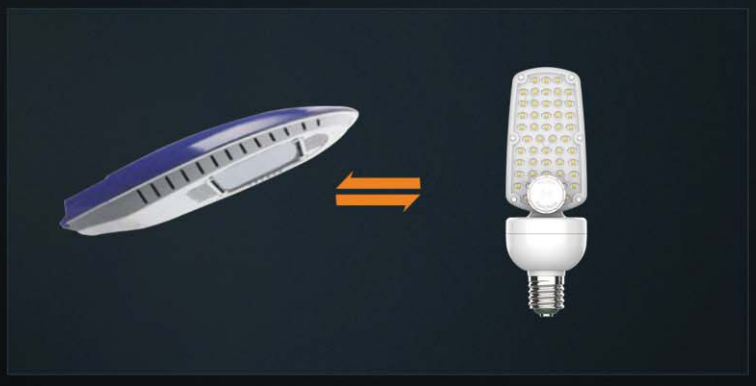



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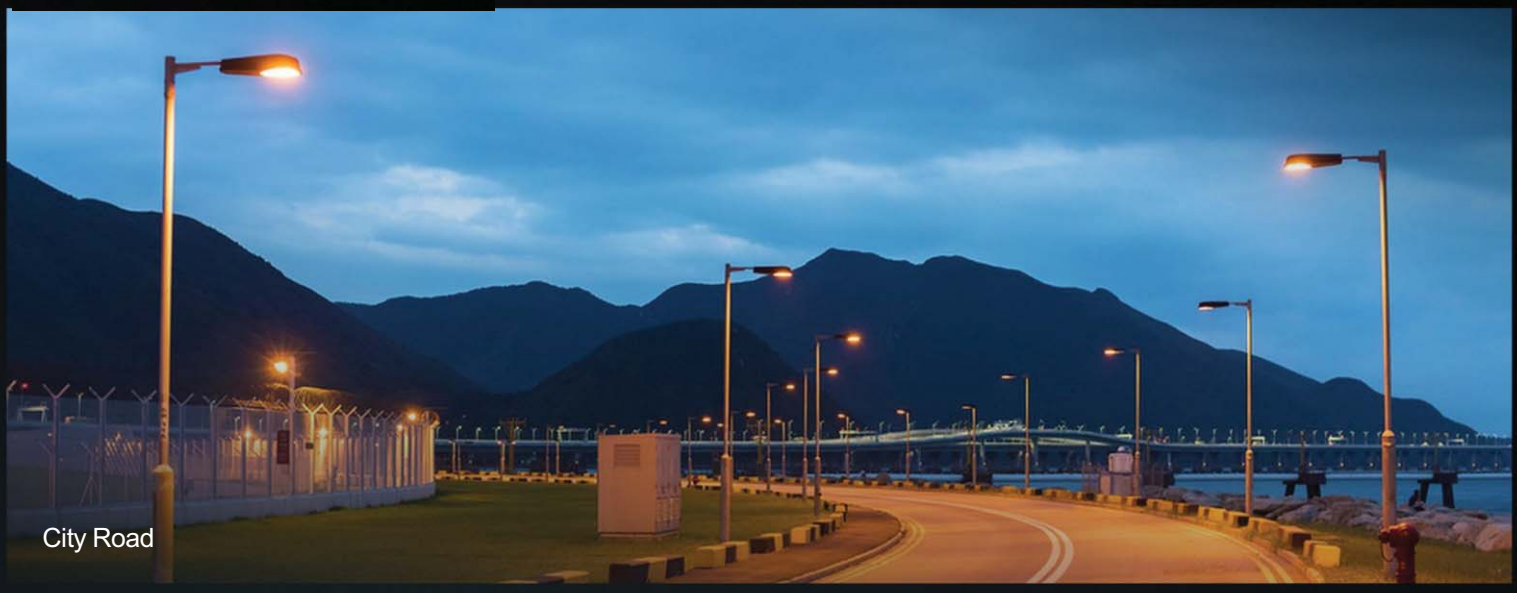
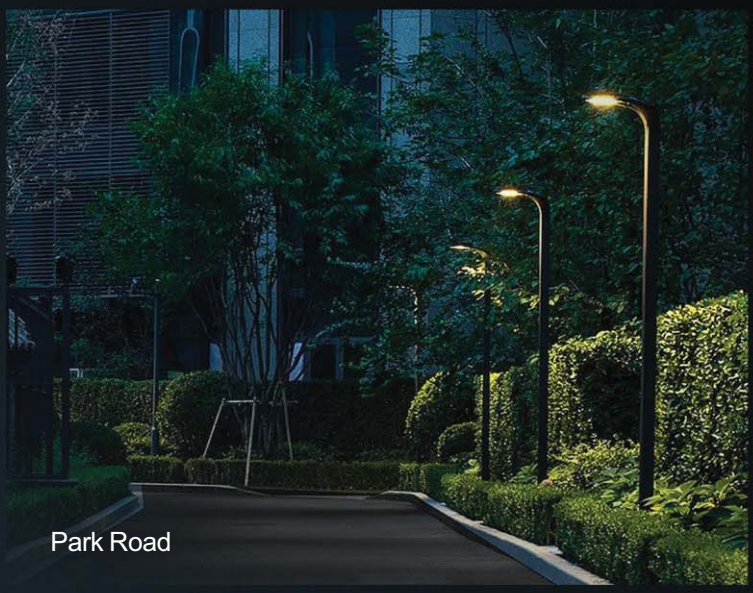

City Road


Courtyard


Park Road


Suburban Road

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