

**IP65**  


# LED STREET LIGHT

ZL-GR10A1

## OVERVIEW

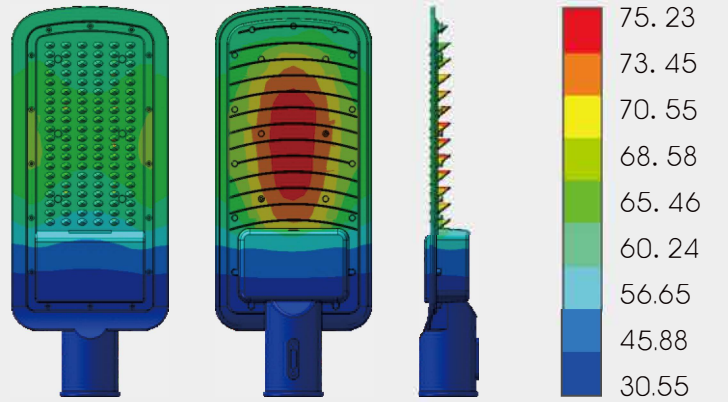


## THERMAL MANAGEMENT

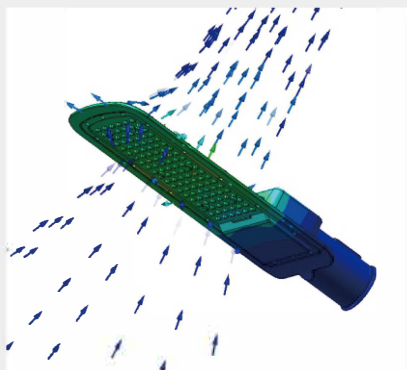
Structure is optimized by advanced FEA technology. Achieving longer lifespan at best cost-efficiency.



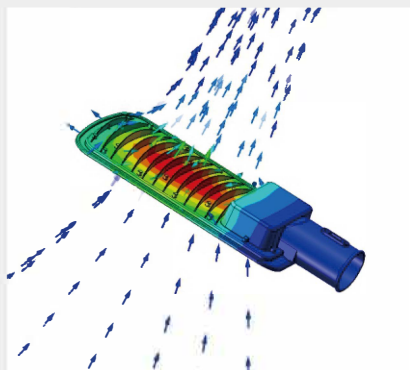
Temperature Rise Curve



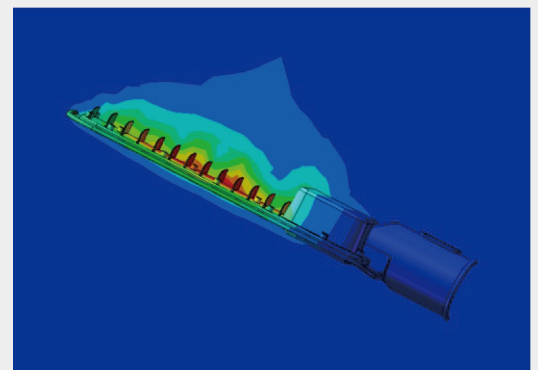
Thermal Conductivity



Thermal Air Convection

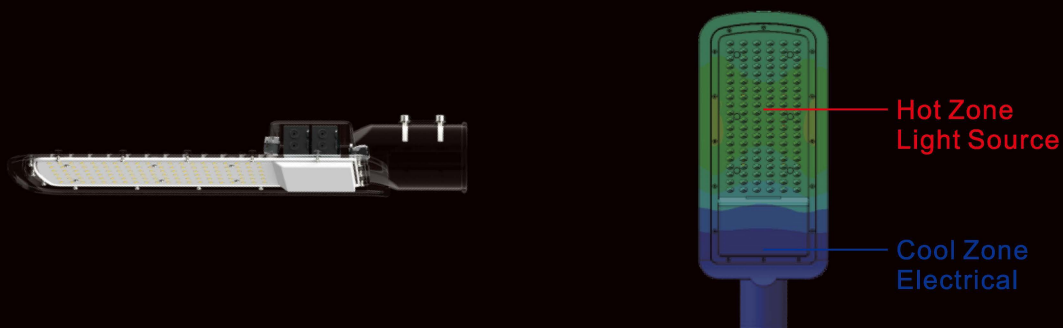
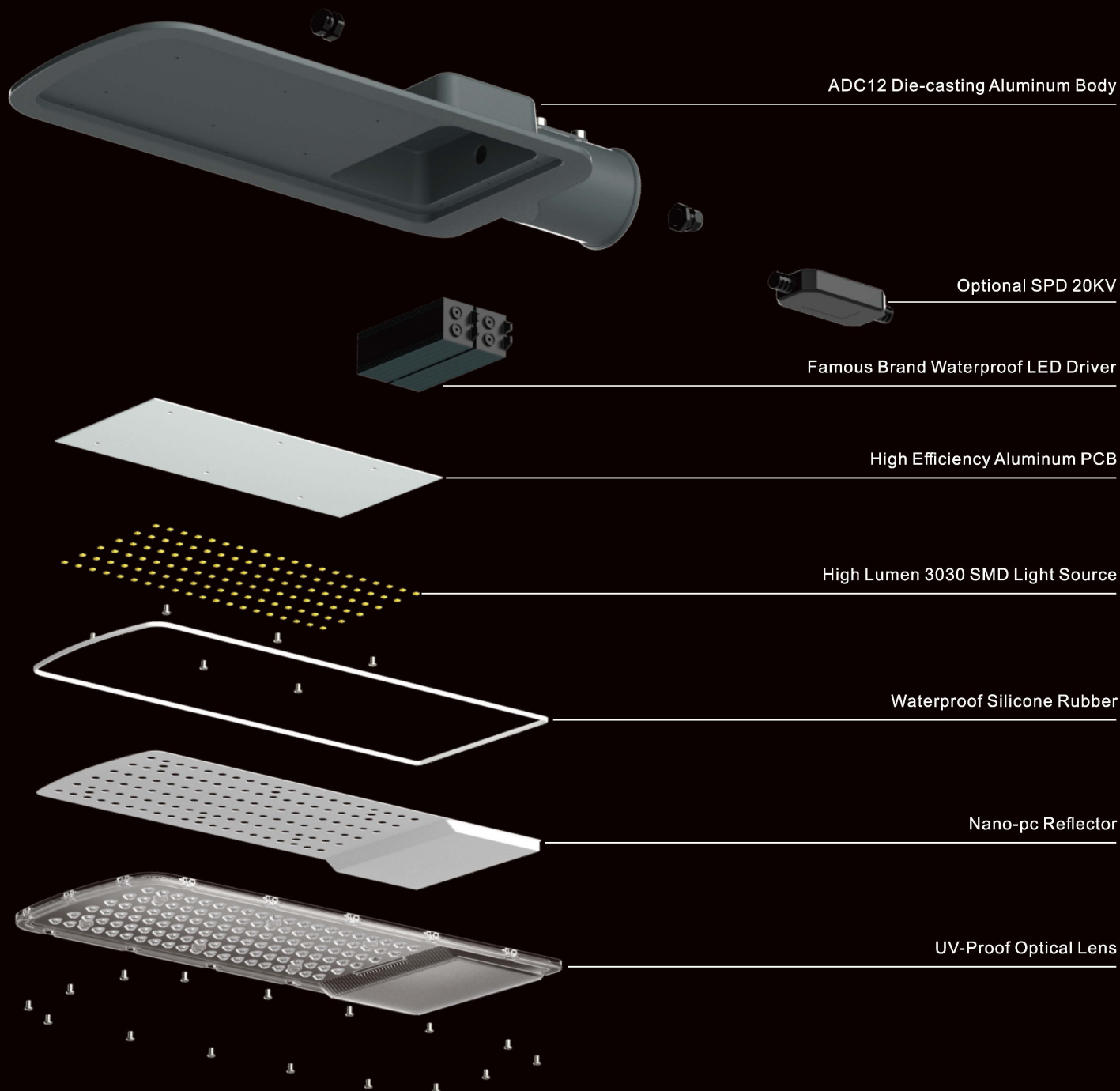


Thermal Air Convection



Thermal Effects to Air

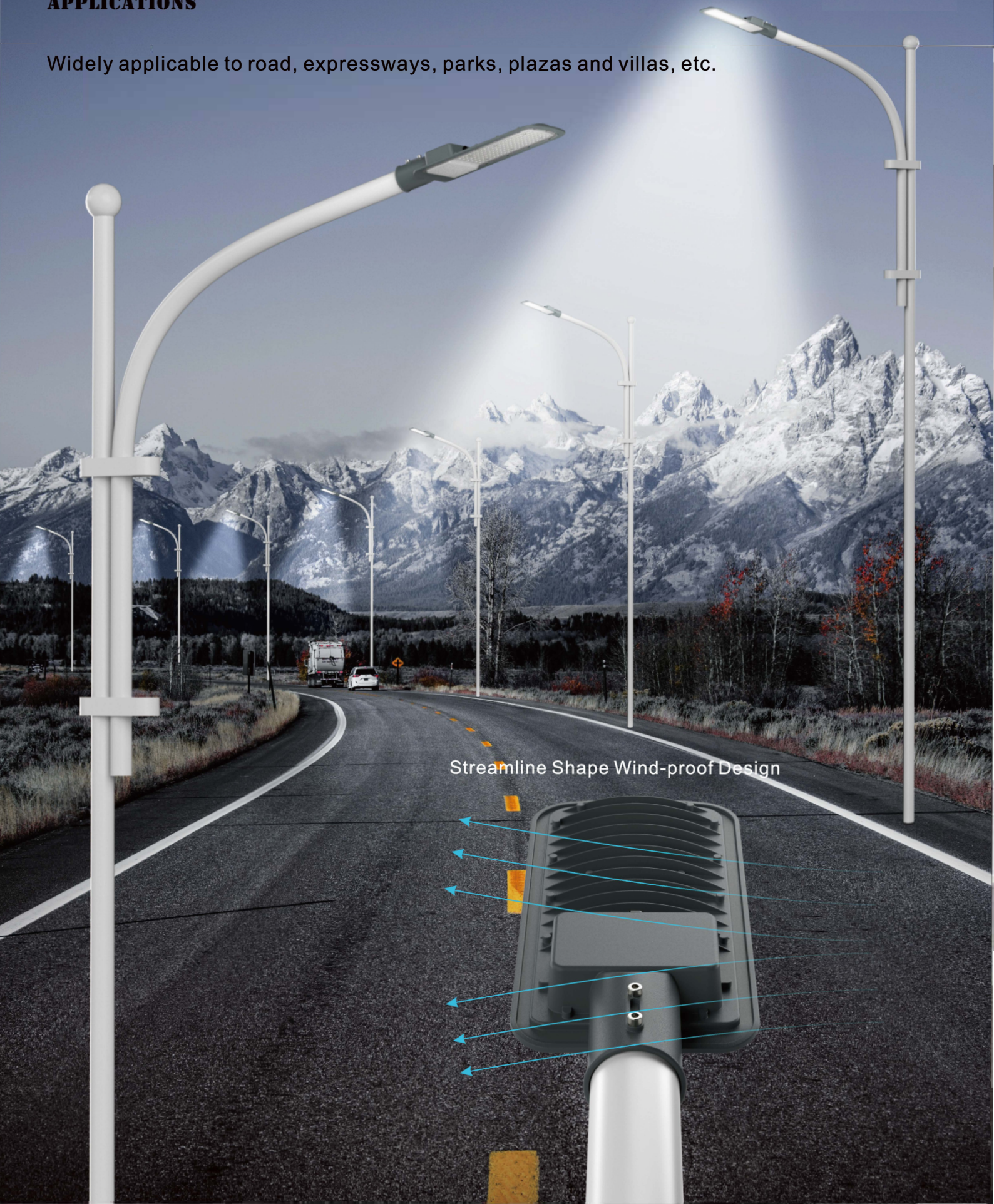
**EXPLODED**





## APPLICATIONS

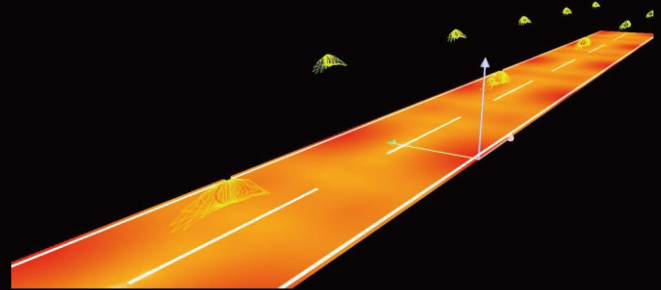
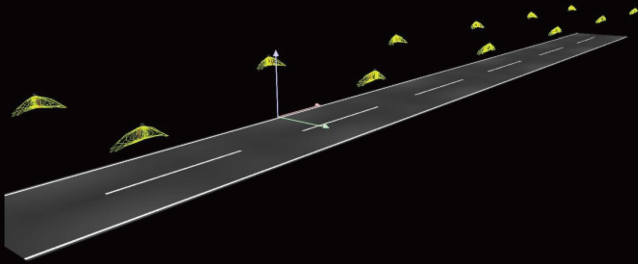
Widely applicable to road, expressways, parks, plazas and villas, etc.





## OPTICS

Tech. Support: Tell us the room length, width, height and the usage.  
We have an engineer team to respond the DIALUX simulations for  
lights quantity calculation and effects. ies files are available upon request.



Professional road light distribution design, illuminate the road without dazzling.

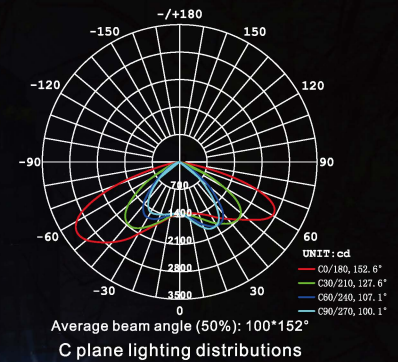
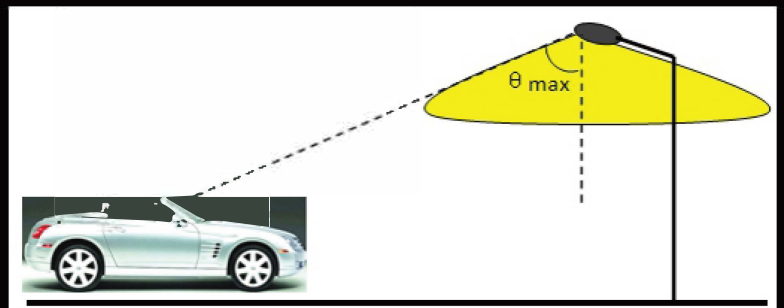
Energy Saving Design



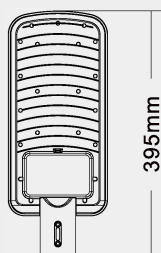
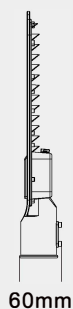
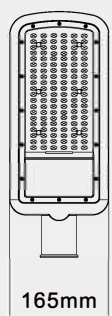
Highly Uniformity Design



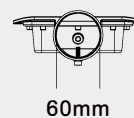
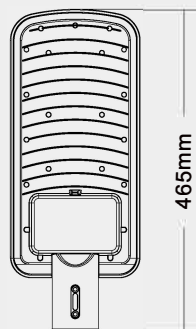
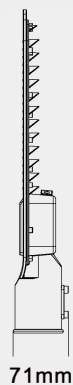
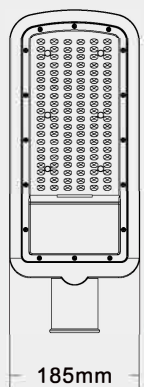
Cut-off Angle Design



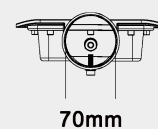
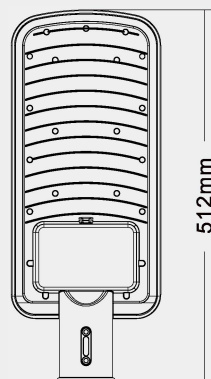
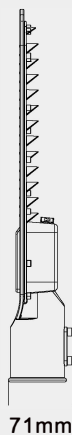
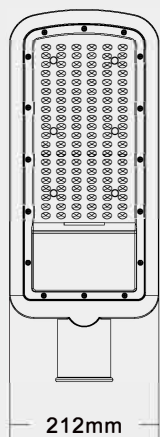
## PRODUCT SIZE



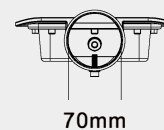
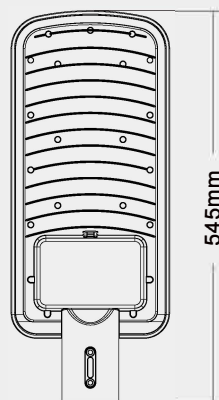
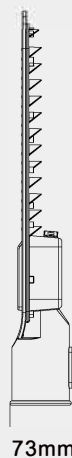
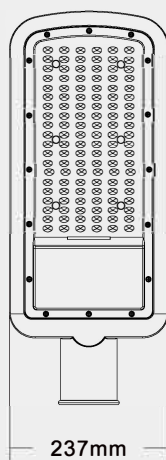
50W



100W



150W



200W



## PRODUCT PARAMETERS

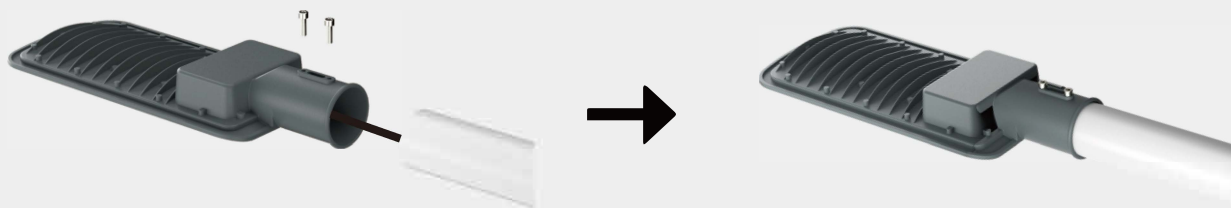


Power	Size	Light Source(Quantity)	Material	CCT	CRI
50W	395*165*60mm	SMD3030(60)	Die-cast aluminum	2700-6500K	>70
100W	465*185*71mm	SMD3030(120)	Die-cast aluminum	2700-6500K	>70
150W	512*212*71mm	SMD3030(180)	Die-cast aluminum	2700-6500K	>70
200W	545*237*73mm	SMD3030(240)	Die-cast aluminum	2700-6500K	>70

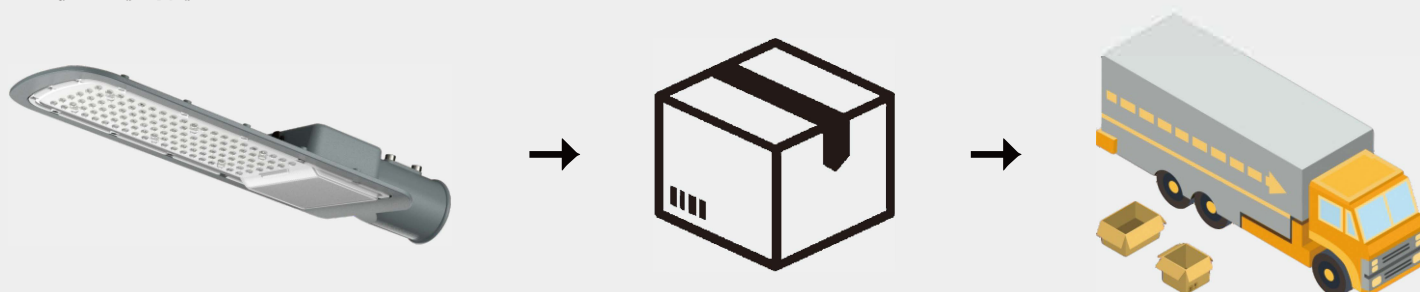
## PACKING DATA

Power	Packaging Size	Certification	CBM	Qty/CTN	20' GP/PCS	40' GP/PCS	40' HQ/PCS
50W	540*350*420mm	CE, RoSH	0.07938	15PCS/CTN	4913	10582	12850
100W	590*400*490mm	CE, RoSH	0.011564	15PCS/CTN	2248	4843	5880
150W	460*420*530mm	CE, RoSH	0.09568	10PCS/CTN	2717	5853	7107
200W	510*420*570mm	CE, RoSH	0.122094	10PCS/CTN	2130	4587	5569

## INSTALLATION



## PACKAGING





## FEATURES

- AC 100-265V, 50/60Hz.
- Output 120 Lm/W.
- UV lens 155\*80, precise light control, wide illumination, uniform light output, soft and comfortable.
- High-density anti-oxidation rate, maple leaf heat dissipation, to ensure the service life of lamp beads.
- The number of lamp beads is large, and nano-reflectors are added to effectively improve the optical utilization rate.
- Photosensitive controller, it is automatically turned on when it is dark, and the control is automatically turned off when it is bright.
- Street lamp surge protector lightning protector 20KV, no fear of outdoor thunderstorm weather.

## CAUTIONS:

1. Installation must be done by professional electricians.
2. Do NOT take apart the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to eyes.
4. For outdoor lighting, waterproof measurements must be done to the cable terminals.

## WARRANTY:

1. All LED street light are warranted by the manufacturer to be free of defects in material and workmanship for 3 years.
2. Warranty becomes void if the products is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user,
3. During the period of warranty time, if some products of us fails during normal circumstances and applications or have any defects above defined, we shall at our own choice replace or repair the defective products at no charge. And the liability claims would NOT exceed the value of the product itself.

