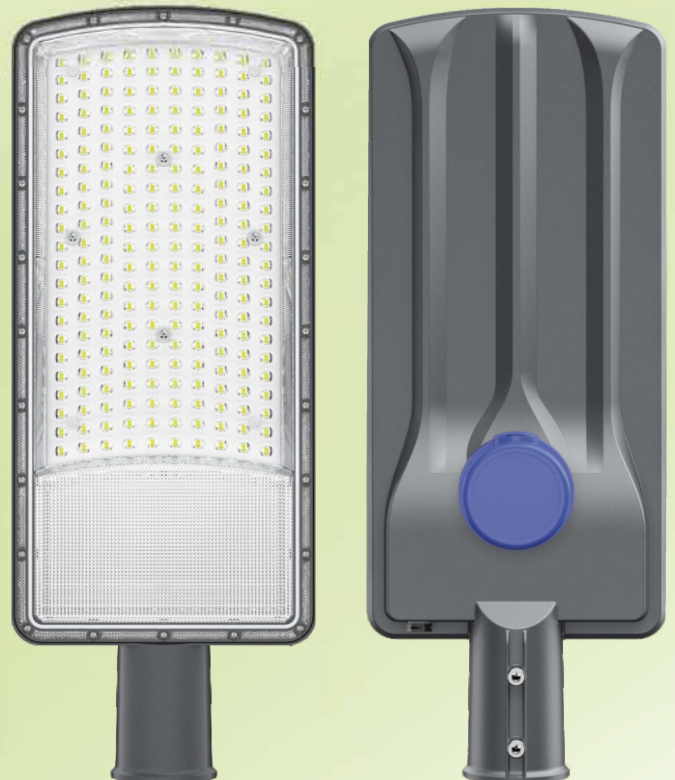
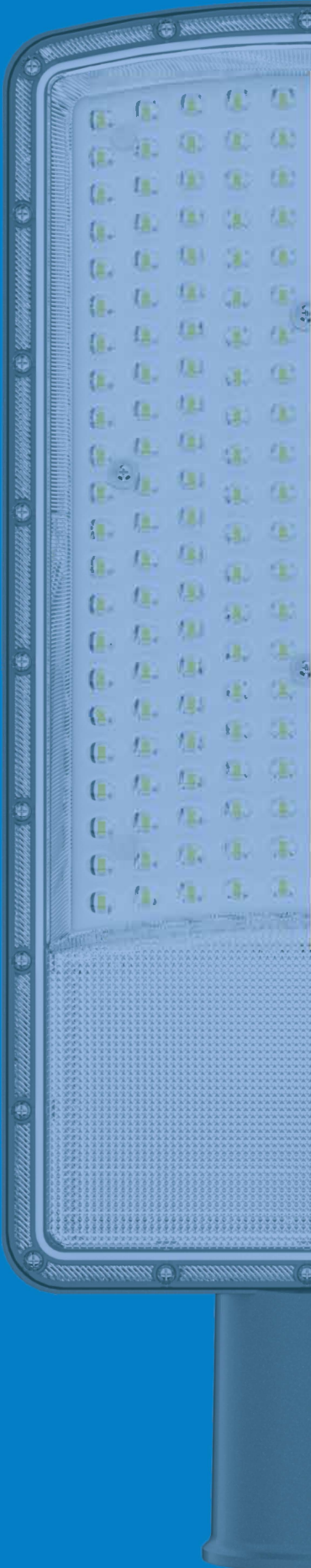


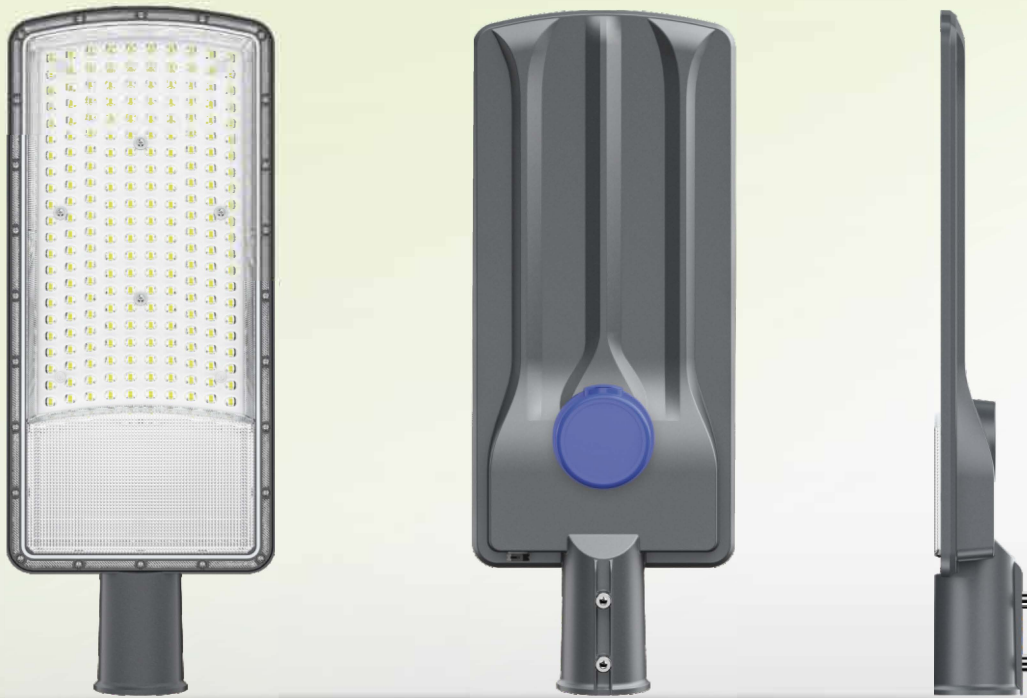
LED STREET LIGHT

50W / 100W / 150W / 200W

ZL-GR22H

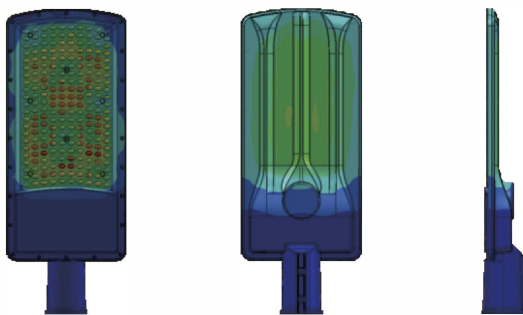


OVERVIEW

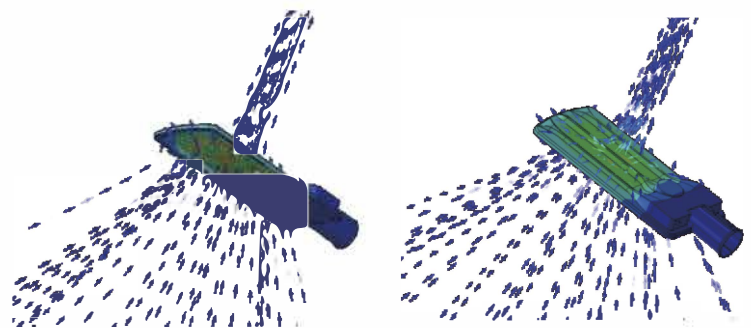


THERMAL CONTROL TECHNOLOGY

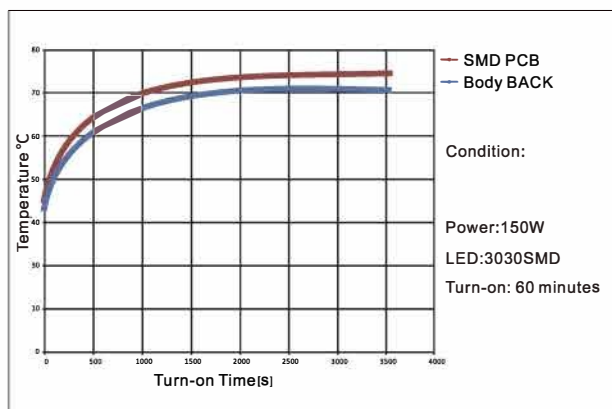
Structure is optimized by advanced FEA technology to realize fast heat dissipation.
Achieving best cost-efficiency for clients.



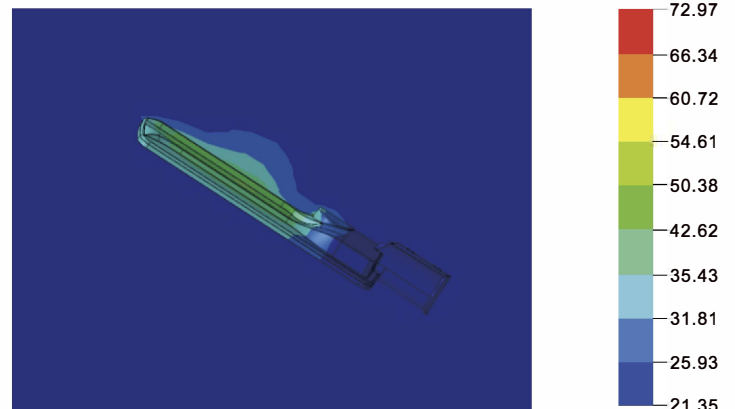
Thermal Conductivity



Thermal Air Convection



Temperature Rise Curve



Thermal Effects to Air

EXPLODED

ADC12 Die-casting Aluminum Body. Thermal Efficiency Up To 96W/M.K

High Lumen 3030 LED Chips

Waterproof Gland

Waterproof Driver

High Thermal Conductive Aluminum PCB

Power Supply Compartment Cover

Waterproof Silicone Gel

Optical PC Lens

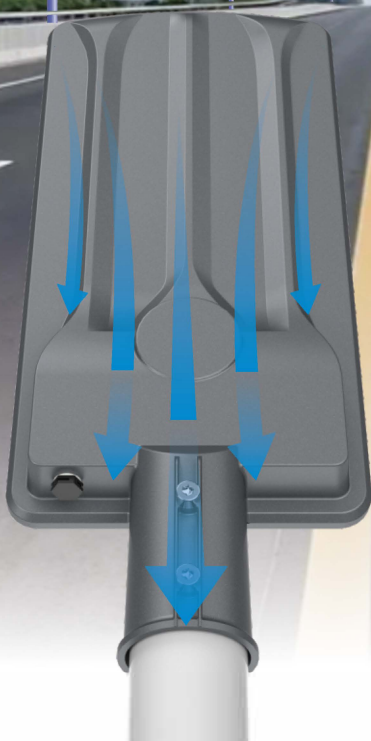


Photocell Sensor Optional

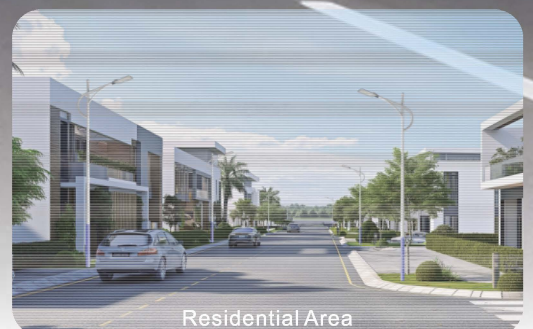
Adapter Arm Optional

APPLICATIONS

It is widely used in roads, communities, streets, courtyards, parks, squares, and new rural construction, etc.



Streamline Shape
Wind-proof Design

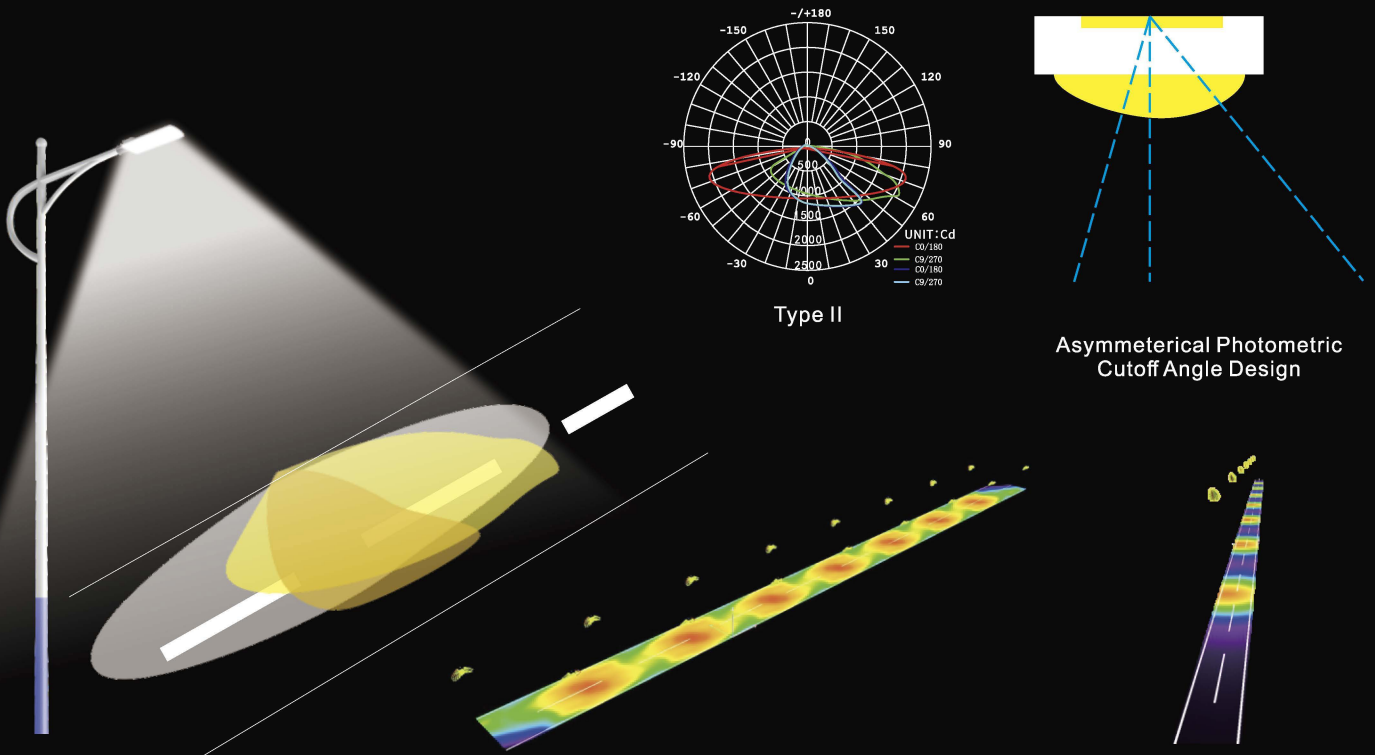


OPTICS

Tech. Support: Tell us the road length, width, height and the application scene.

We have an engineer team to respond the DIALUX simulations for lights quantity calculation and effects.

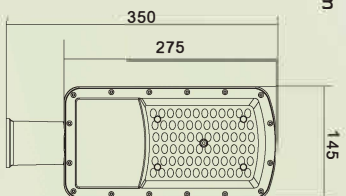
ies files are available upon request.



DIAGRAMS

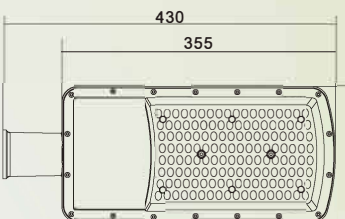
Unit:mm

50W



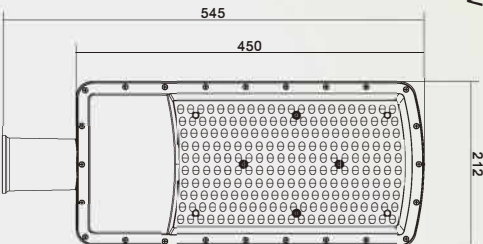
100W

175



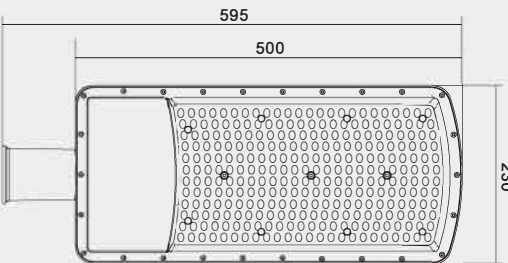
150W

212

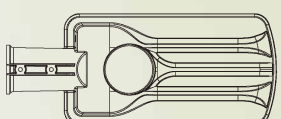


200W

230



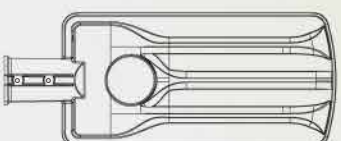
65



Ø50



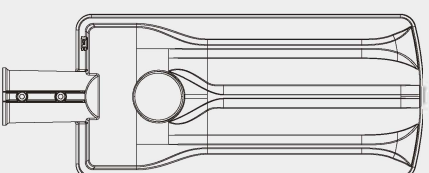
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Ø50



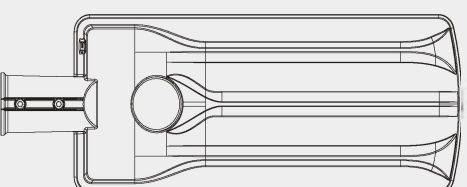
75



Ø66



75



Ø66

MAIN PARAMETERS

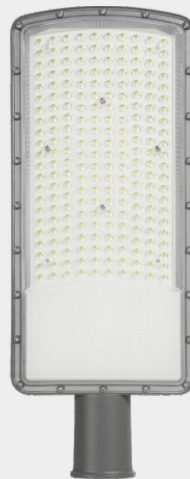
Model No.:	ZL-GR22H	ZL-GR22H	ZL-GR22H	ZL-GR22H
Power	50W	100W	150W	200W
LED Qty	72	144	216	288
Input Voltage	100-305V	100-305V	100-305V	100-305V
PF	>0.95	>0.95	>0.95	>0.95
Surge	10KV	10KV	10KV	10KV
Efficiency	140LM/W	140LM/W	140LM/W	140LM/W
LED Type	3030	3030	3030	3030
CRI	≥80	≥80	≥80	≥80
Beam Angle	Type II	Type II	Type II	Type II
Protection Level	IK09	IK09	IK09	IK09
Ingress Protection	IP66	IP66	IP66	IP66
Ambient Temperature	-40°C~+55°C	-40°C~+55°C	-40°C~+55°C	-40°C~+55°C
Luminaire Size Straight	380*145*75mm	465*175*75mm	572*215*75mm	622*230*75mm
Luminaire Certification	CE,ROHS,EMC,LVD,IP66,IK09	CE,ROHS,EMC,LVD,IP66,IK09	CE,ROHS,EMC,LVD,IP66,IK09	CE,ROHS,EMC,LVD,IP66,IK09
Luminaire Size (Adapter Arm)	435*145*75mm	515*175*75mm	615*215*75mm	660*230*75mm
TDH	<10	<10	<10	<10
Lifetime	50,000Hours	50,000Hours	50,000Hours	50,000Hours



50W



100W



150W



200W

INSTALLATION



Horizontal Installation



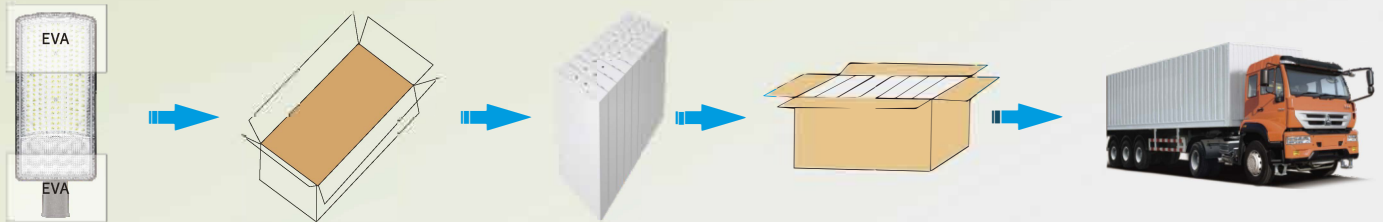
Wall-mounted Installation



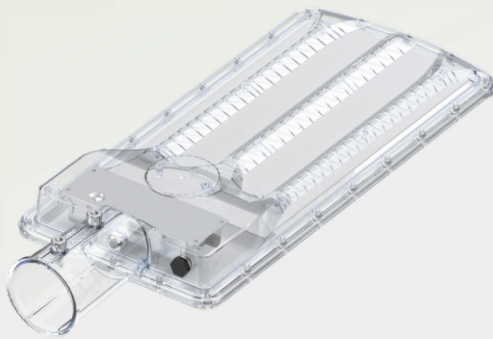
Pole Installation

PACKING DETAILS

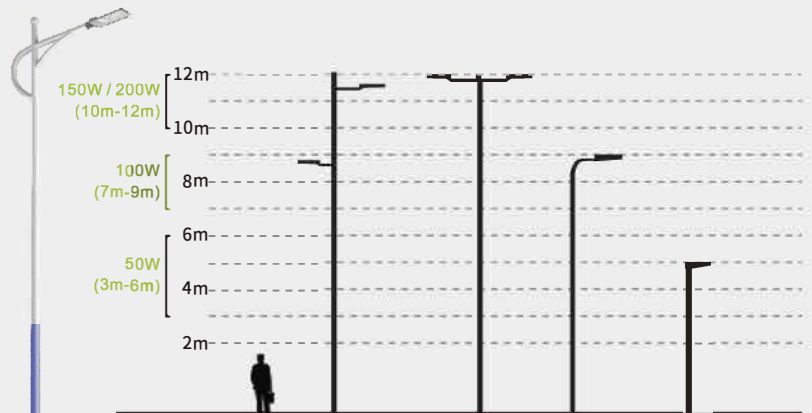
MODEL	Net Weight	Gross Weight	CTN Size	Qty/CTN	20` GP	40` GP	40HQ
ZL-GR22H-50W	14kg	15kg	47*45*46cm	20PCS	6000	12000	13000
ZL-GR22H-100W	13kg	14kg	54*38*54cm	12PCS	2800	6300	6500
ZL-GR22H-150W	17kg	18kg	46*45*63cm	10PCS	2250	4750	4900
ZL-GR22H-200W	23kg	24kg	49*45*68cm	10PCS	1840	3552	4250



INSTALLATION HEIGHT



Structural Clear view



FEATURES

1. High Lumen 3030 LED Chips.
2. Optional photocell sensor, Adapter arm Optional.
3. IK09 protection level.
4. Three different installation methods, suitable for different scene requirements.

CAUTIONS

1. The installation must be completed by a professional electrician.
2. Do NOT dismantle the product. It may be dangerous.
3. Do not look directly at the light source with the naked eye to avoid danger.
4. For outdoor lighting, waterproof measurements must be done to the cable terminals.