PANORAMA

Features

1. AC230V 50/60Hz.
2. Lighting efficacy up to 120lm/W.
3. Famous brand 2835SMD light source.
4. PF>0.9, THD<15%.
6. Die-casting aluminum body.
Anti-corrosion powder painting.
7. IP65 Waterproof for outdoor use.
8. 3 years warranty.
9. Export certificates are available.
10. Optional with sensor.

LED STREET LIGHT

SV SERIES
2021

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 Lights 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.

PANORAMA LIGHTING CO.,LTD

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OVERVIEW

EXPLODED

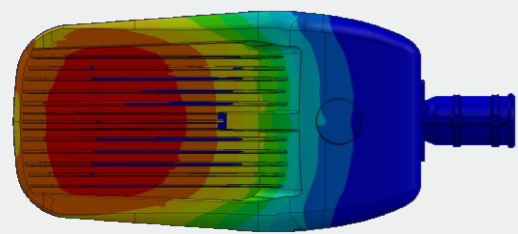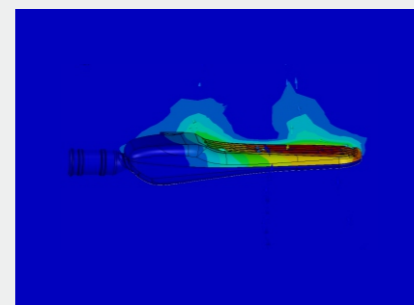## THERMAL MANAGEMENT

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

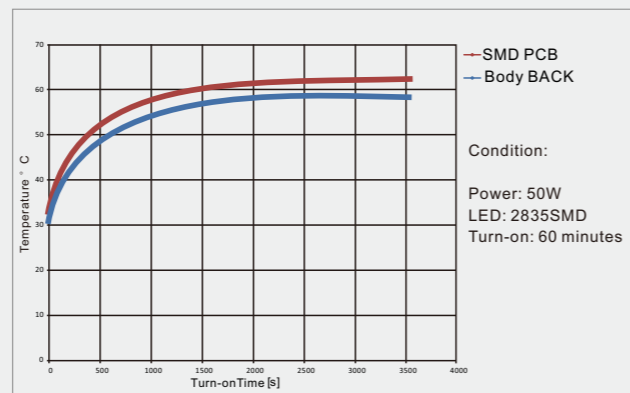| 75. 23 |
| 73. 45 |
| 70. 55 |
| 68. 58 |
| 65. 46 |
| 60. 24 |
| 56.65 |
| 45.88 |
| 30.55 |

Thermal Air Flow(to environment)

Unit:℃

Condition:

Power: 50W
LED: 2835SMD
Turn-on: 60 minutes

— SMD PCB
— Body BACK

Thermal Air Convection(sectional view)

Temperature Rise Curve

High efficiency aluminum PCB.

Optional with sensor.

ADC12 Die-casting aluminum body
thermal efficiency up to 96w/m.k.

Optical PC Lens

Waterproof
silica gel.

Light Arm

Tempered glass cover.

Stainless steel screws.

ADC12 Die-casting aluminum body
thermal efficiency up to 96w/m.k.
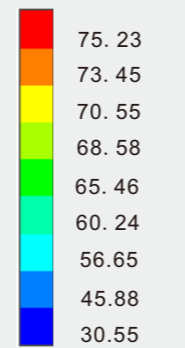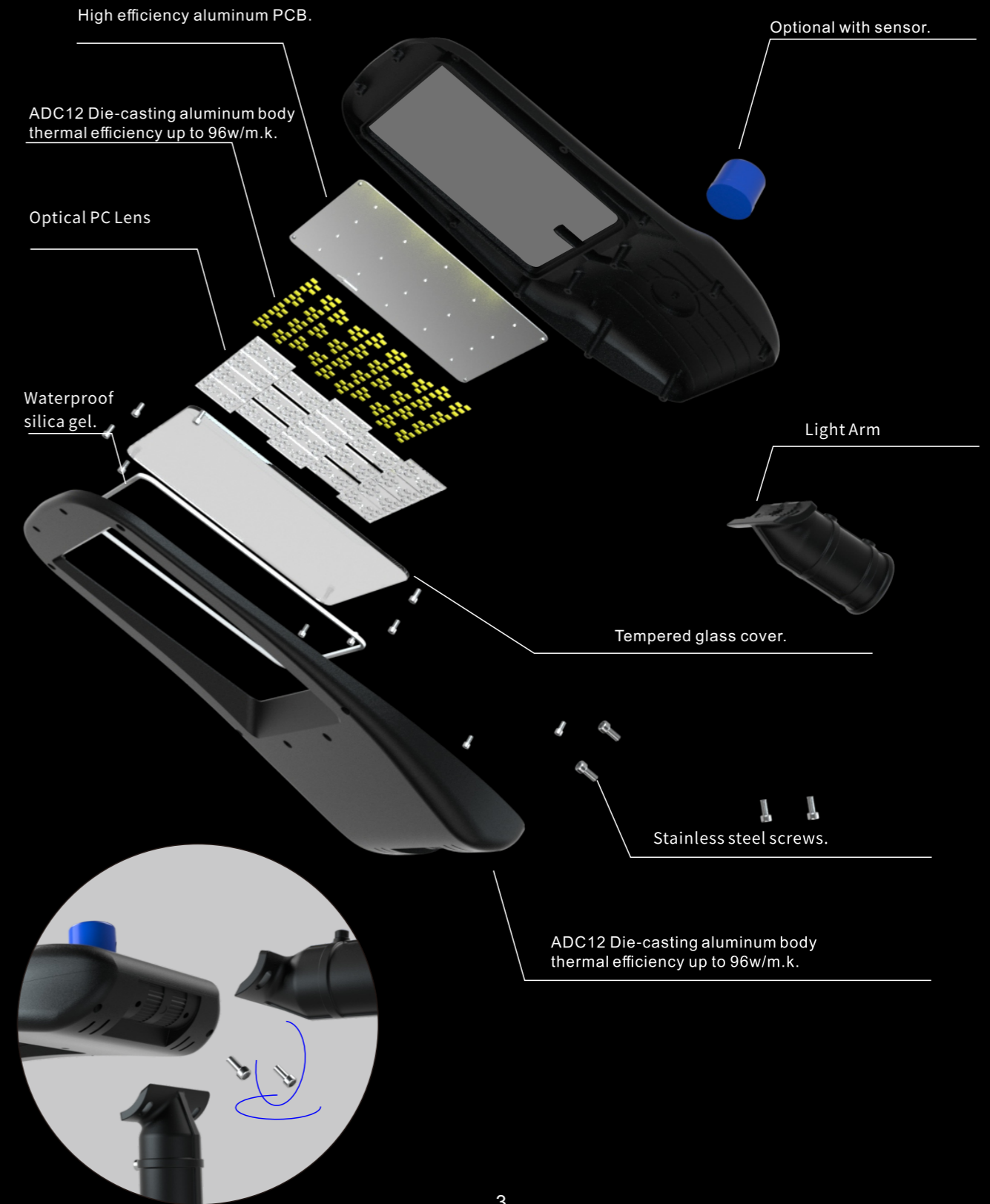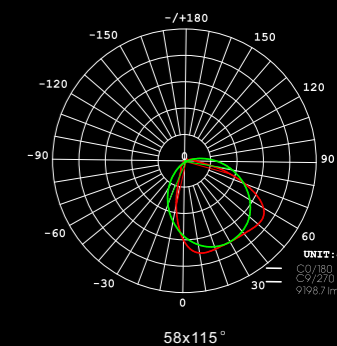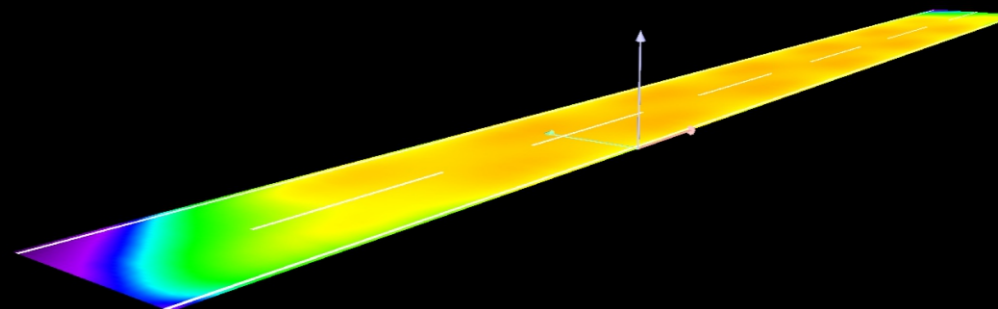
APPLICATIONS

Widely Applicable

to outdoor roads, street lights, highways, gardens, squares and parks.

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.

UNIT:cd
C0/180
CV/270
9198.7lm

58x115°

Lighting Distributions

ELECTRICAL

Life vs. Tc

Life (KHours)

Tc(°C)
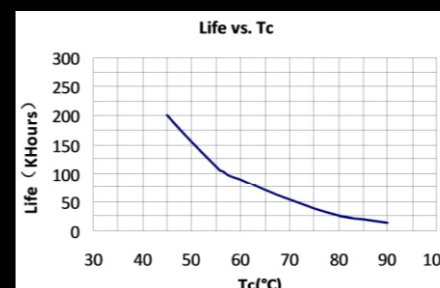
1 AC230V 50/60Hz.

2 PF＞0.95.

3 THD＜15%

4 Surge protection 10KV（SPD）.

5 LED Driver IP65.

6 Efficiency>92%, more energy-saving.

7 Start time 0.75S.
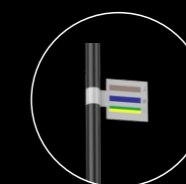
Brown: L
Blue: N
Yellow& Green: GND

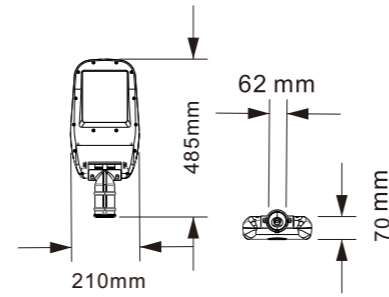## P-SV50W

LED Module: SV50
LED Power: 50W ±5%
Pole Size: Φ60mm
Housing Size: 485*210*70mm
Chip Type: SMD2835 Lamp
Lumen Lux: 100-120LM/W
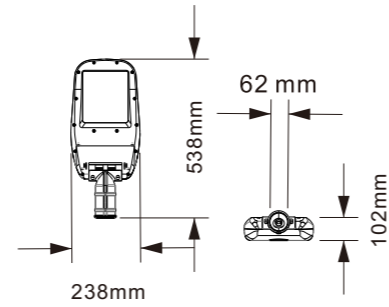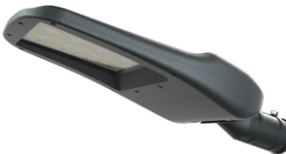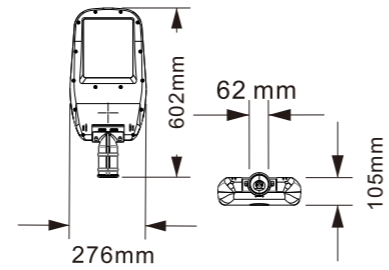Color Temp: 3000K /4000K /6500K
RA: >80

IP Grade: IP65
SPD: >4KV
Power Factor: >0.9
Housing Color: Black / Gray / White
Material: Aluminum+PC Lens
Wire: 3x0.75mm²
Warranty: 3 years
1 ctn=1pc=51*22*11.5cm

485mm
62 mm
70 mm
210mm

P-SV100W

LED Module: SV100
LED Power: 100W ±5%
Pole Size: Φ60mm
Housing Size: 538*238*102mm
Chip Type: SMD2835 Lamp
Lumen Lux: 100-120LM/W
Color Temp: 3000K /4000K /6500K
RA: >80

IP Grade: IP65
SPD: >4KV
Power Factor: >0.9
Housing Color: Black / Gray / White
Material: Aluminum+PC Lens
Wire: 3x0.75mm²
Warranty: 3 years
1 ctn=1pc=55.5*24.5*11.5cm

538mm
62 mm
102mm
238mm

P-SV150W

LED Module: SV150
LED Power: 150W ±5%
Pole Size: Φ60mm
Housing Size: 602*276*105mm
Chip Type: SMD2835 Lamp
Lumen Lux: 100-120LM/W
Color Temp: 3000K /4000K /6500K
RA: >80

IP Grade: IP65
SPD: >4KV
Power Factor: >0.9
Housing Color: Black / Gray / White
Material: Aluminum+PC Lens
Wire: 3x0.75mm²
Warranty: 3 years
1 ctn=1pc=63*28.5*11.5cm

602mm
62 mm
105mm
276mm

P-SV200W

LED Module: SV200
LED Power: 200W ±5%
Pole Size: Φ60mm
Housing Size: 697*311*112mm
Chip Type: SMD2835 Lamp
Lumen Lux: 100-120LM/W
Color Temp: 3000K /4000K /6500K
RA: >80

IP Grade: IP65
SPD: >4KV
Power Factor: >0.9
Housing Color: Black / Gray / White
Material: Aluminum+PC Lens
Wire: 3x0.75mm²
Warranty: 3 years
1 ctn=1pc=71.5*32*13cm
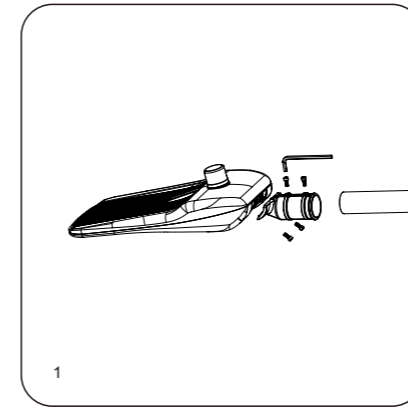
697 mm
62 mm
112mm
311mm
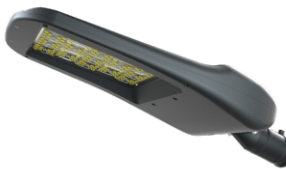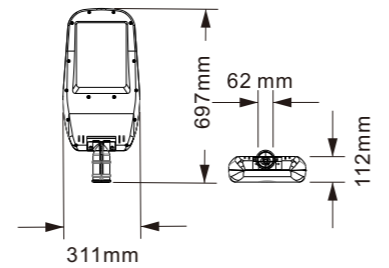
Preparations

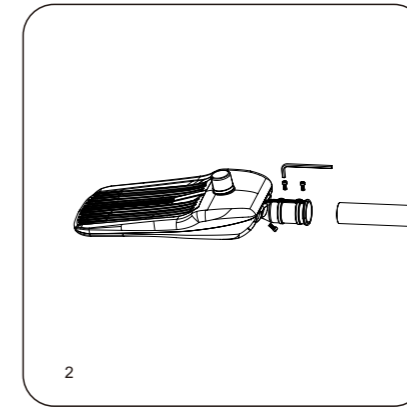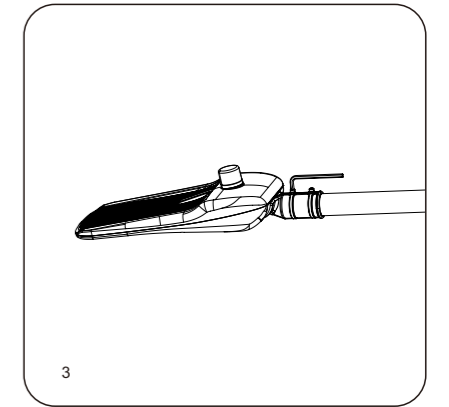A. Finished-Horizontal Installation
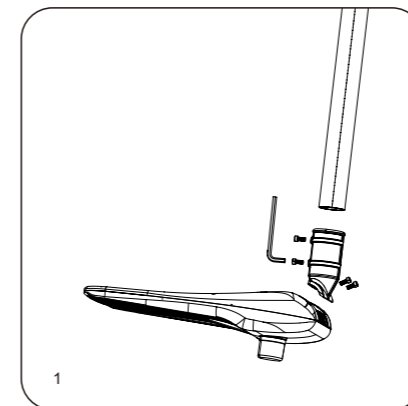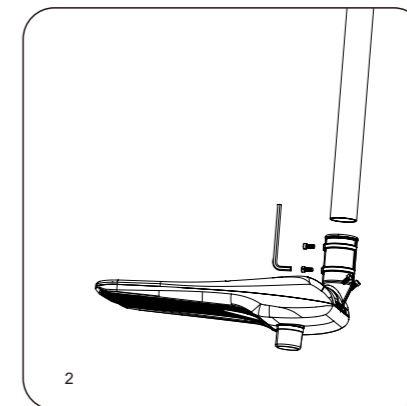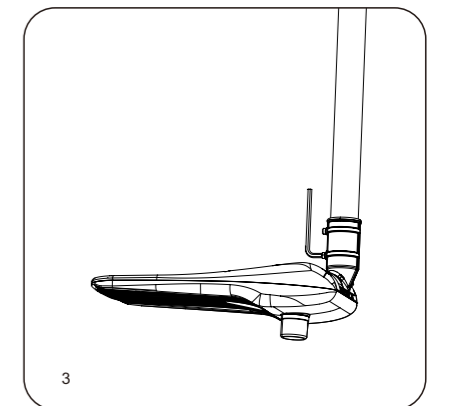
B. Finished-Vertical Installation

A: Steps for Horizontal Installation

1

2

3

B: Steps for Vertical Installation

1

2

3