

LED 10G Street Light (5050 plan)

20-250W

160lm/w
~200lm/w

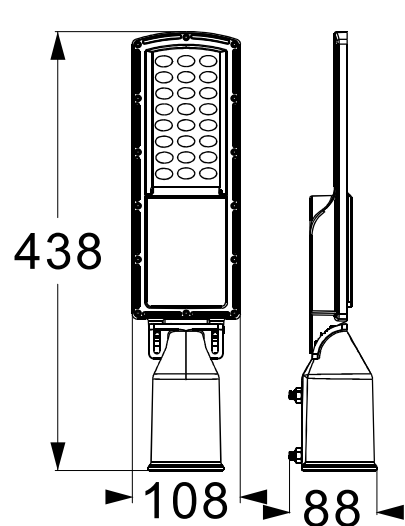
Color



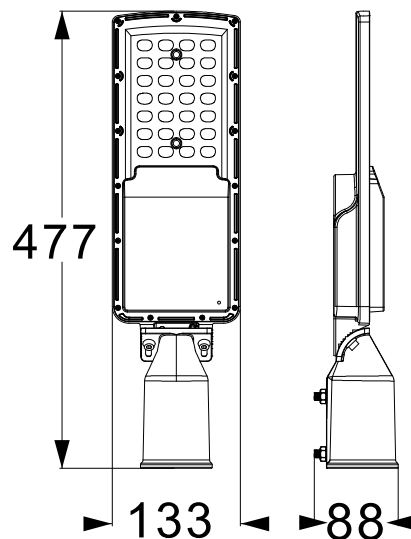
- Patent private mould, integrated die-casting AL.
- High efficiency, 200lm/w available.
- Use professional anti-glare full cut-off light distribution:T2.
- 0-10V dimming/time control/light sensor/IOT control available..
- Flat honeycomb design, good heat dissipation.
- Angle of mounting shaft can be installed and adjusted 90/180°(±15°).
- The protection level reaches IP67.



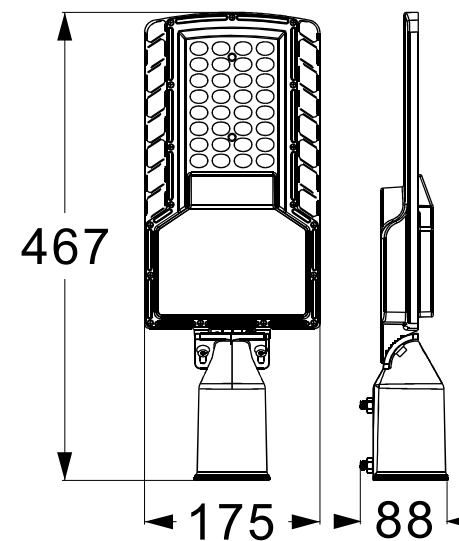
Dimension



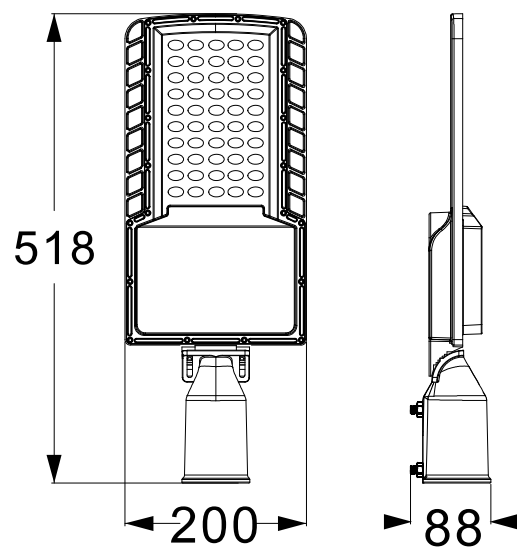
20-40W



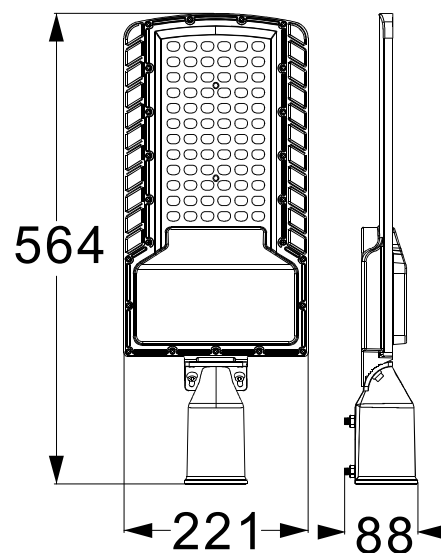
40-50W



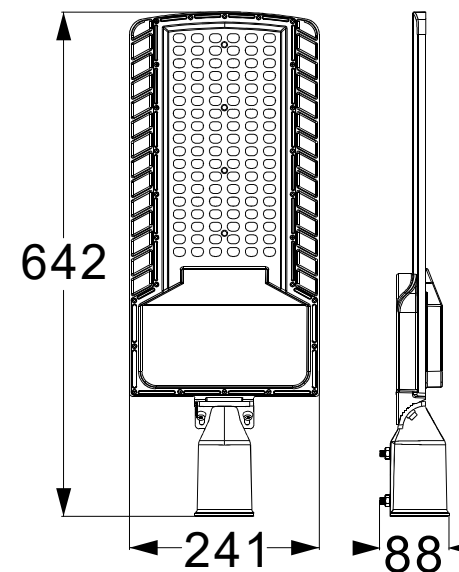
50-60W



70-90W



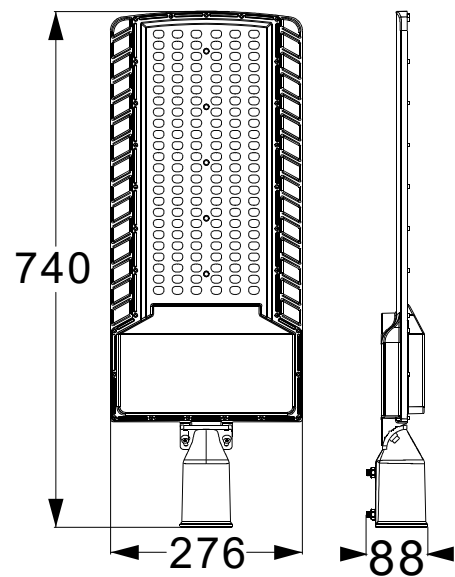
100-120W



150-180W

Unit : mm

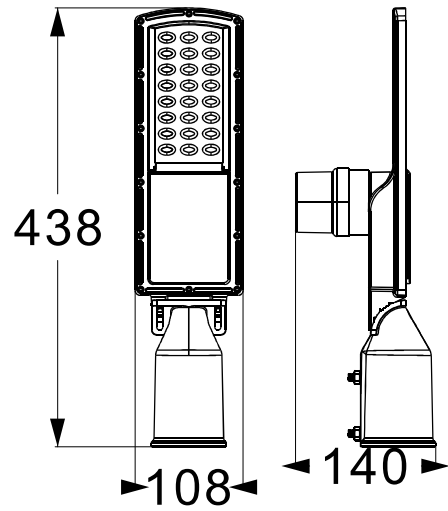
Dimension



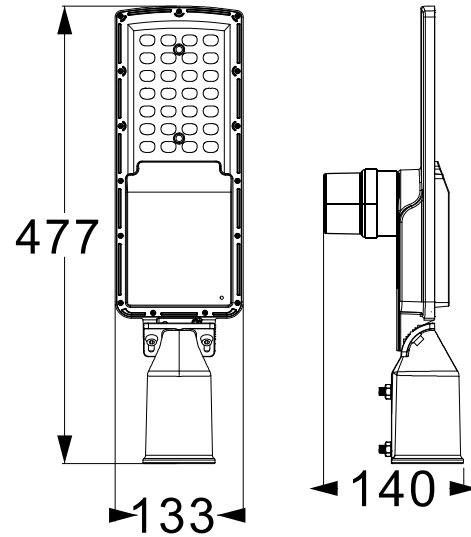
200-250W

Unit : mm

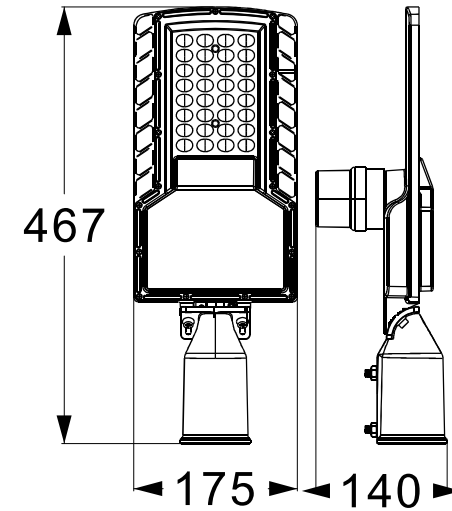
Dimension_(Intelligent control)



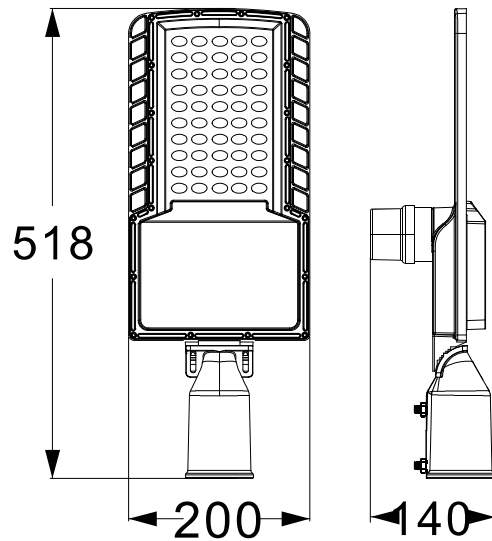
20-40W



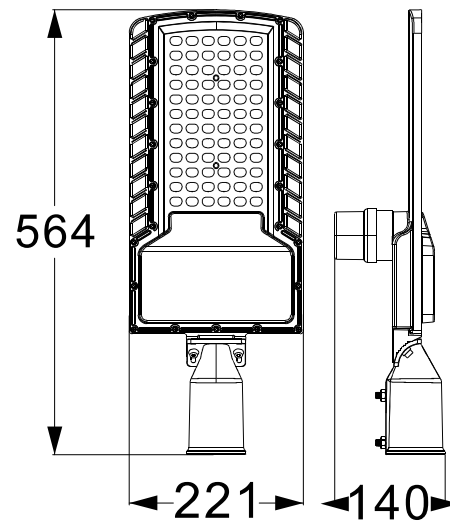
40-50W



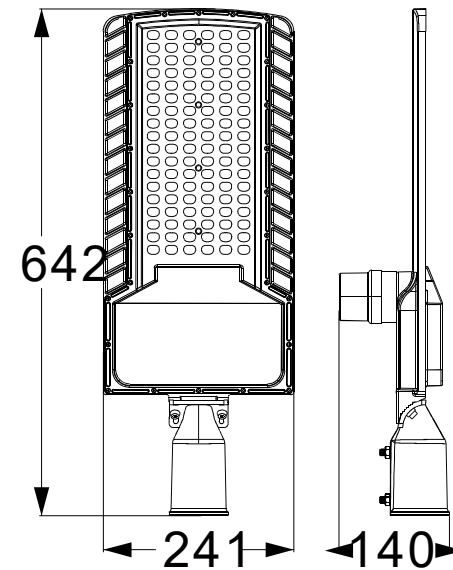
50-60W



70-90W



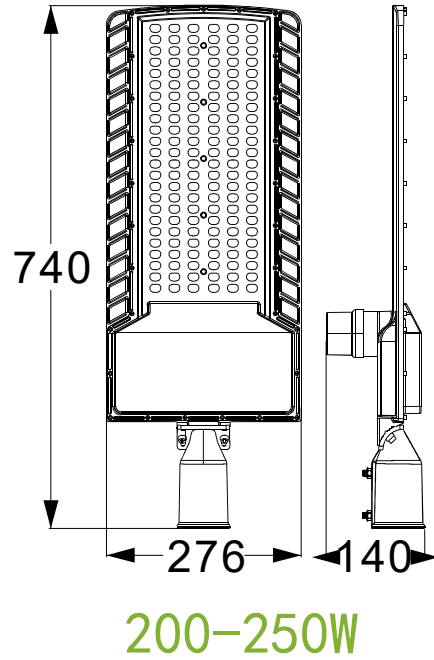
100-120W



150-180W

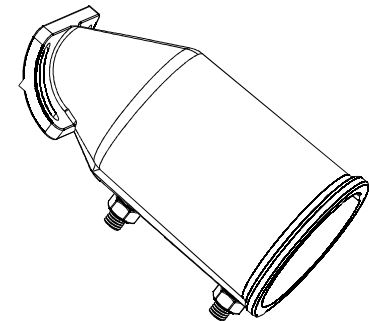
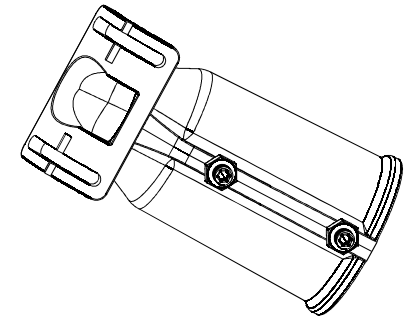
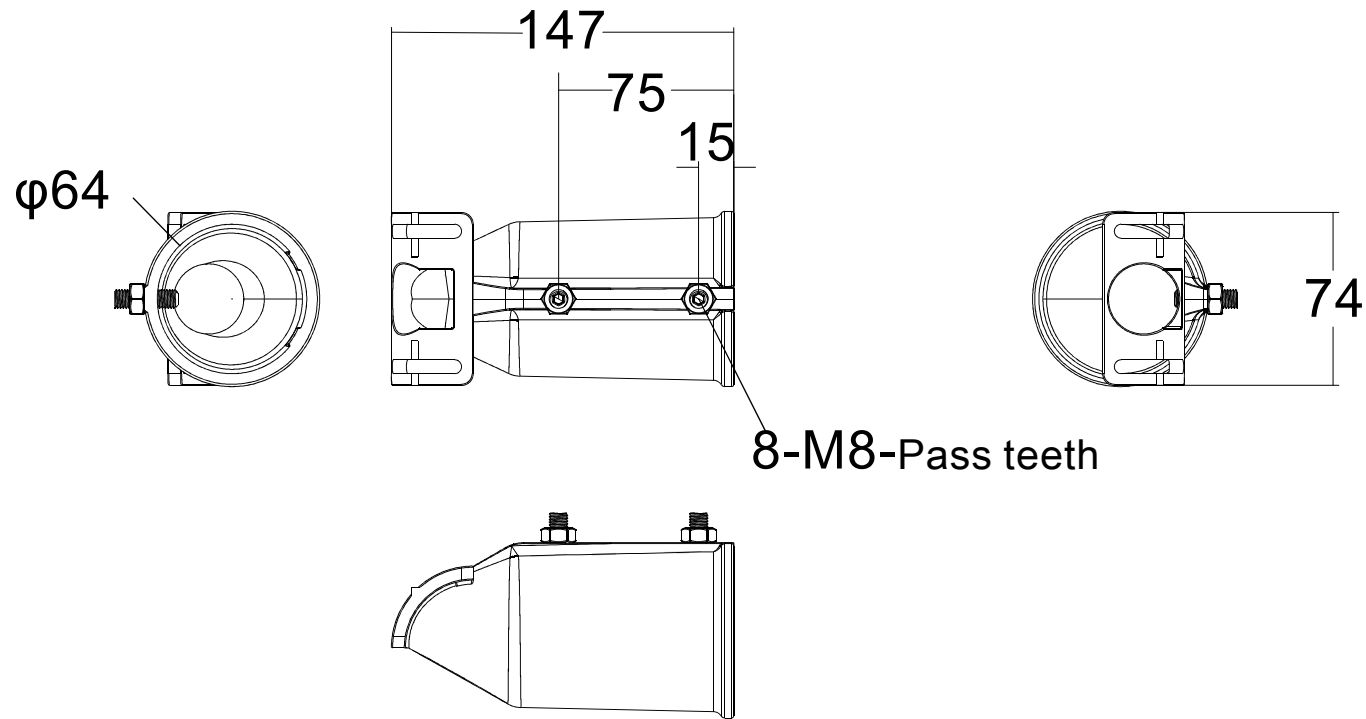
Unit : mm

Dimension (Intelligent control)



Unit : mm

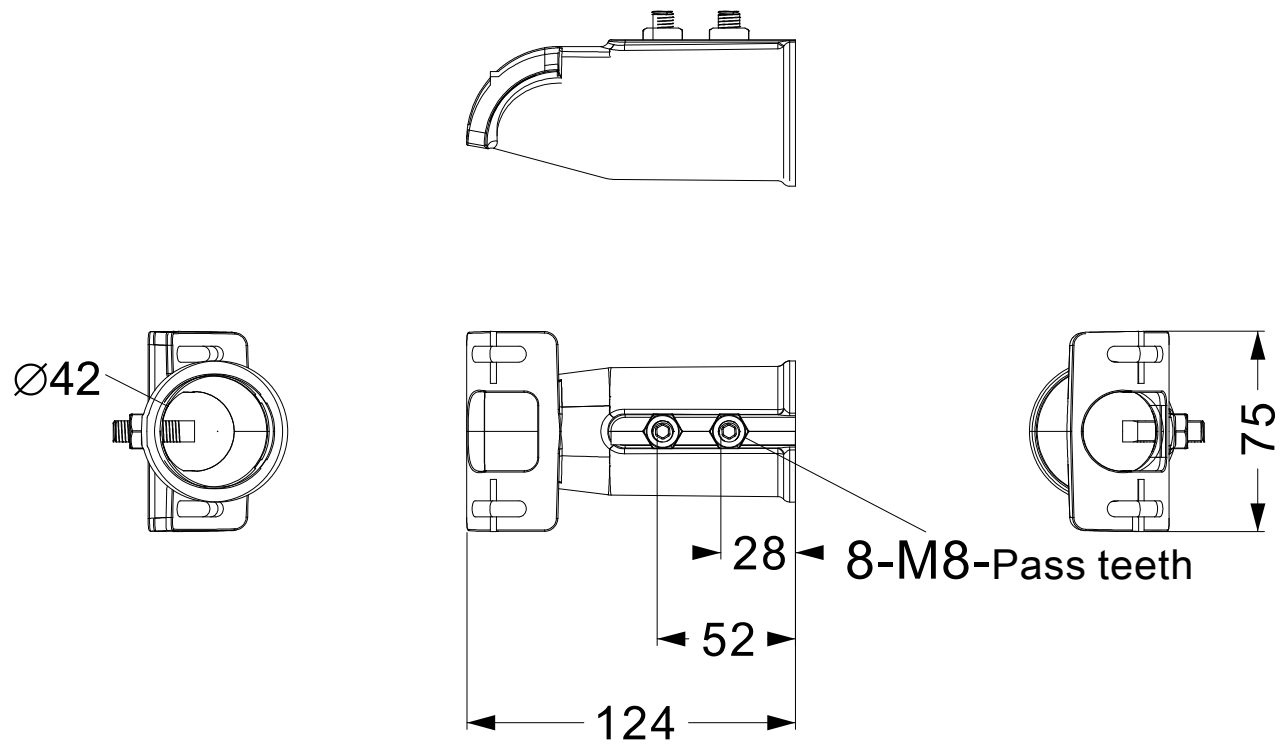
Install the shaft



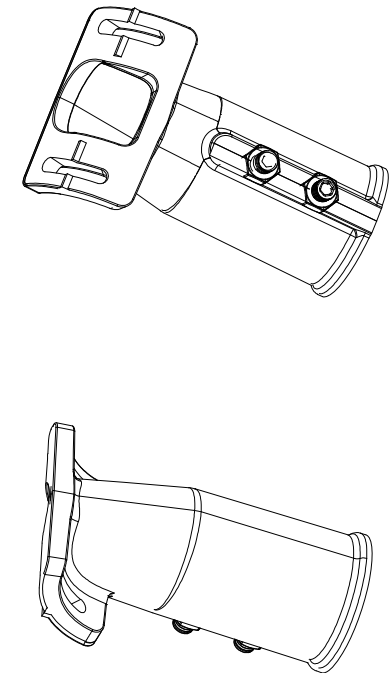
60mm Mounting holes

Unit : mm

Install the shaft



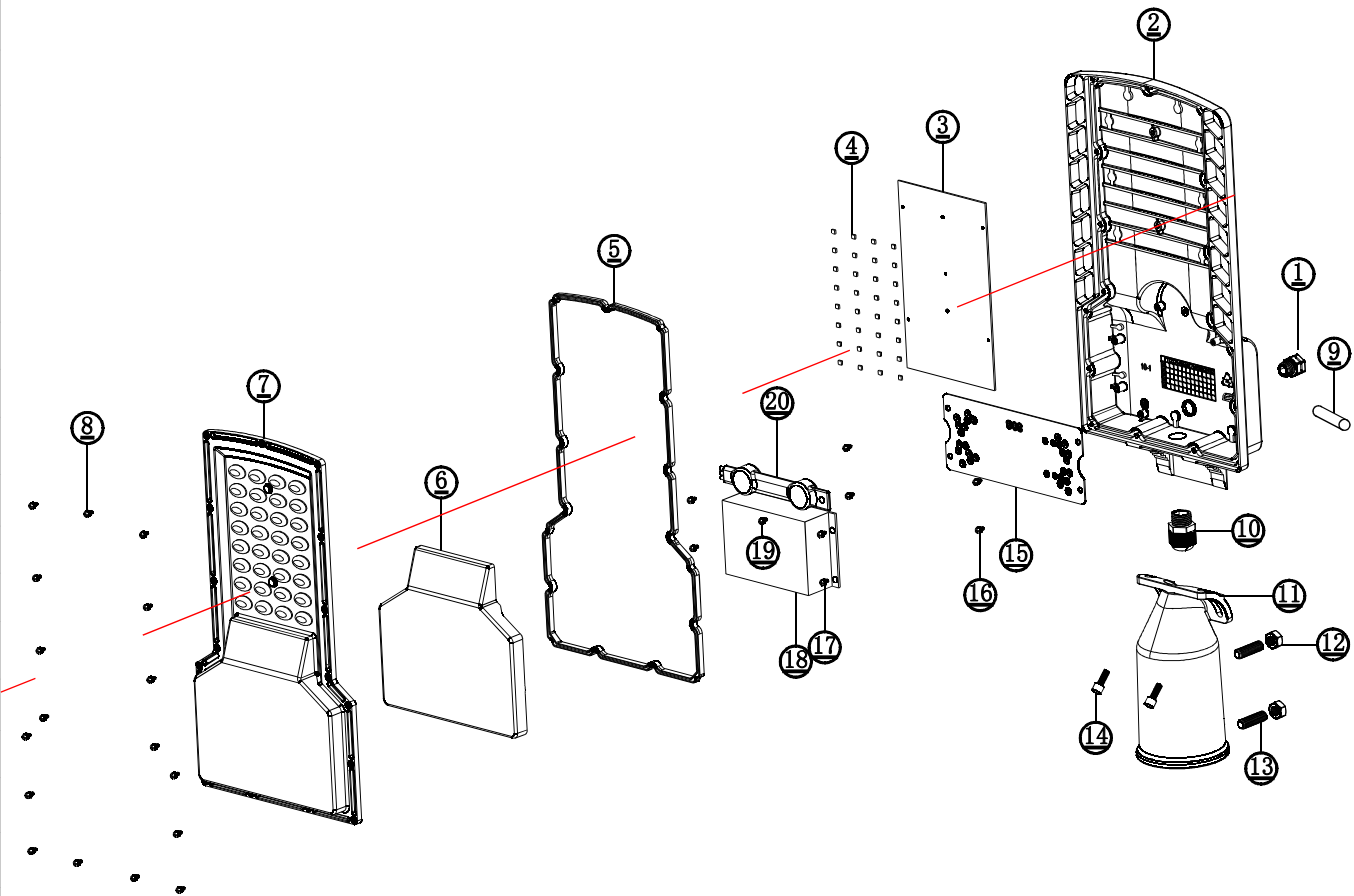
40mm Mounting holes



Unit : mm

Bill of materials

<u>20</u>	Lightning arrester 10KV	<u>1</u>
<u>19</u>	M4*6-Round head screws	<u>1</u>
<u>18</u>	Power supply	<u>1</u>
<u>17</u>	M4*6-Round head screws	<u>4</u>
<u>16</u>	M4*6-Round head screws	<u>5</u>
<u>15</u>	Power switching board	<u>1</u>
<u>14</u>	M6-Hexagon socket screws	<u>2</u>
<u>13</u>	M8- Hexagon socket screw rod	<u>2</u>
<u>12</u>	M8- Screw caps	<u>2</u>
<u>11</u>	adapter	<u>1</u>
<u>10</u>	PG9	<u>1</u>
<u>9</u>	level	<u>1</u>
<u>8</u>	M4*5- Round head screws	<u>17</u>
<u>7</u>	lens	<u>1</u>
<u>6</u>	reflector	<u>1</u>
<u>5</u>	Waterproof rubber ring	<u>1</u>
<u>4</u>	Lamp bead	<u>32</u>
<u>3</u>	Aluminum substrate	<u>1</u>
<u>2</u>	subject	<u>2</u>
<u>1</u>	Breathing apparatus	<u>1</u>
<u>Serial number</u>	<u>specification</u>	<u>quantity</u>

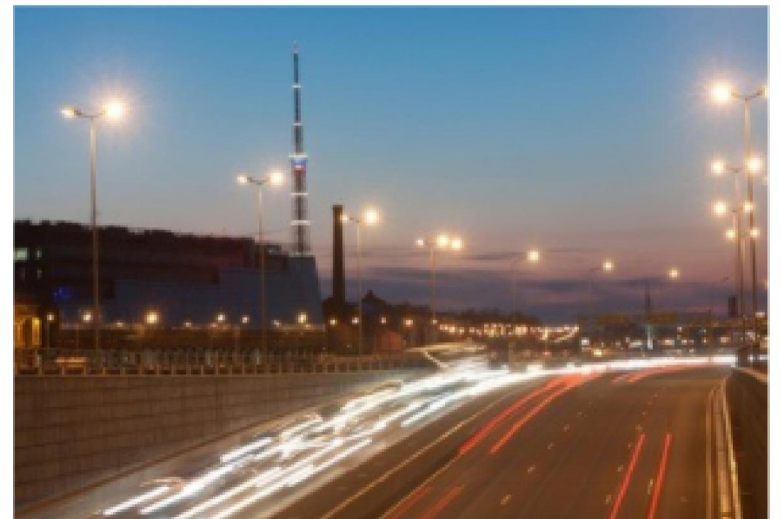


Application



Application

- Main road
- High way
- Flyover
- City street
- Overpass
- Sidewalk
- Square
- School
- Residential district
- Industrial area
- Park



Technical specification

A:Technical Parameter

Item No.		RL-S10-30W	RL-S10-40W	RL-S10-50W	RL-S10-75W	RL-S10-100W	RL-S10-150W	RL-S10-200W
Lamp Size		438*108*88mm	477*133*88mm	467*175*88mm	518*200*88mm	564*221*88mm	642*241*88mm	740*276*88mm
Voltage		AC100V-277V 50/60HZ						
Power		20-40W	40-50W	50-60W	70-90W	100-120W	150-180W	200-250W
LED Type		EMC5050						
LED Quantity	T2 lens	24PCS	28PCS	32PCS	48PCS	72PCS	108PCS	144PCS
Luminous Flux	EMC5050	3200-8000LM	6400-10000LM	8000-12000LM	11200-18000LM	16000-24000LM	24000-36000LM	32000-50000LM
Color Temperature	Warm white	2700-3500K						
	Neutral white	4000-4500K						
	Cool white	5000-6000K						
Beam Angle	lens	T2						
Color Rendering Index(CRI)		Ra>70						
Power Supply Efficiency		>90%						
LED Luminous Efficiency		160-200lm/w						
Power Factor(PF)		>0.95						
Total Harmonic Distortion(THD)		≤15%						
IP Rank		IP67						
Net Weight		0.94kg	1.36kg	1.56kg	2.03kg	2.57kg	3.05kg	3.77kg
Certificate		CE,CB,ROHS						

A:Technical Parameter(Intelligent control)

Item No.		RL-S10-30W	RL-S10-40W	RL-S10-50W	RL-S10-75W	RL-S10-100W	RL-S10-150W	RL-S10-200W
Lamp Size		438*108*140mm	477*133*140mm	467*175*140mm	518*200*140mm	564*221*140mm	642*241*140mm	740*276*140mm
Voltage		AC100V-277V 50/60HZ						
Power		20-40W	40-50W	50-60W	70-90W	100-120W	150-180W	200-250W
LED Type		EMC5050						
LED Quantity	T2 lens	24PCS	28PCS	32PCS	48PCS	72PCS	108PCS	144PCS
Luminous Flux	EMC5050	3200-8000LM	6400-10000LM	8000-12000LM	11200-18000LM	16000-24000LM	24000-36000LM	32000-50000LM
Color Temperature	Warm white	2700-3500K						
	Neutral white	4000-4500K						
	Cool white	5000-6000K						
Beam Angle	lens	T2						
Color Rendering Index(CRI)		Ra>70						
Power Supply Efficiency		>90%						
LED Luminous Efficiency		160-200lm/w						
Power Factor(PF)		>0.95						
Total Harmonic Distortion(THD)		≤15%						
IP Rank		IP67						
Net Weight		1.12kg	1.54kg	1.74kg	2.20kg	2.75kg	3.23kg	3.95kg
Certificate		CE,CB,ROHS						

Technical Specification

B: Mechanical Specifications

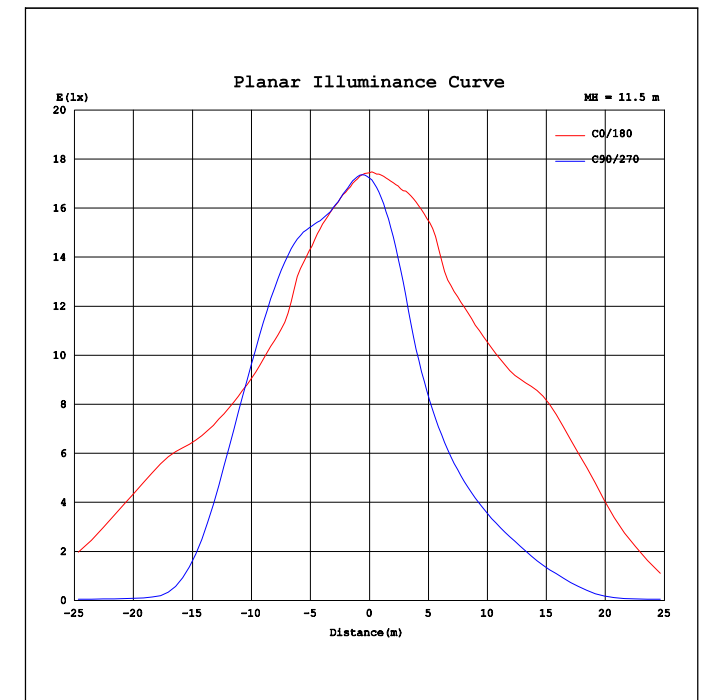
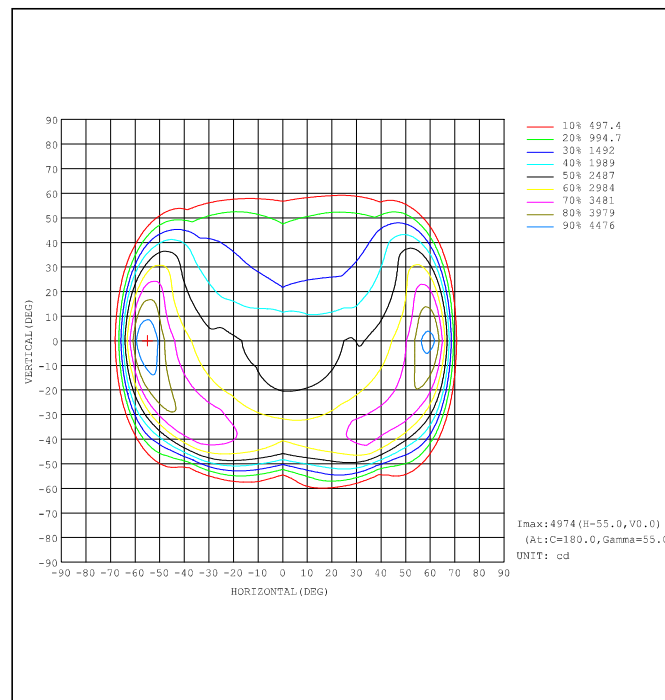
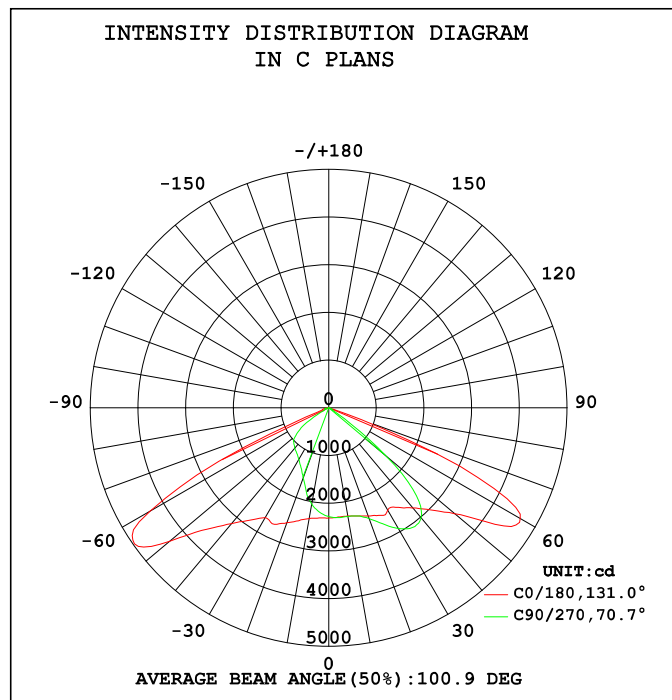
LED Driver	Meanwell/Moso/Sosen/Inventronics
Housing Processing	Die-casting
Material	ADC12

C: Environmental Temperaturt

Temperature Operating Range	-40°C ~ 50°C
Humidity Operating Range	20% ~ 95%
Storage Temperature Range	-40°C ~ 75°C
Storage Humidity Range	10% ~ 80%

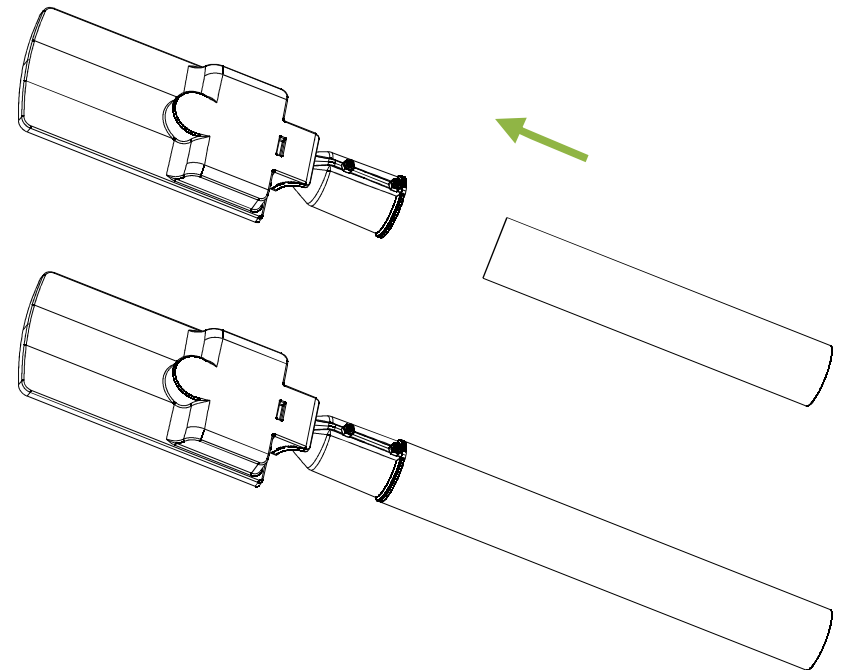
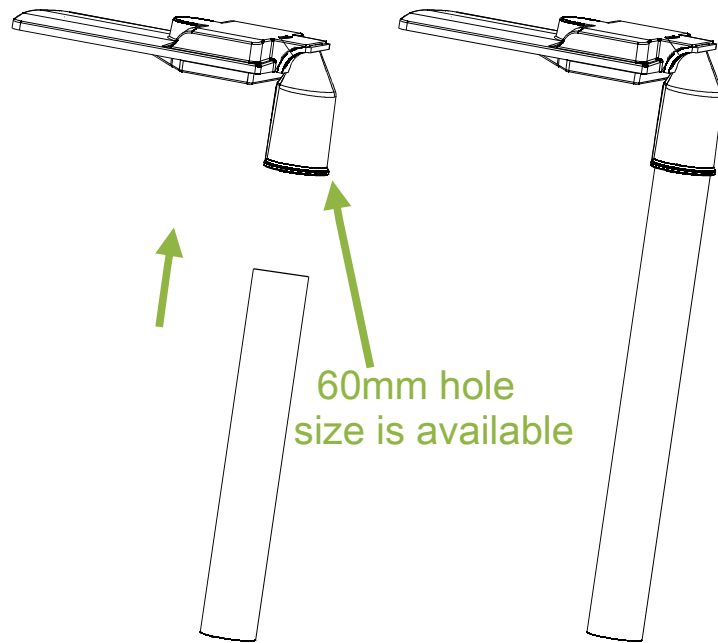
LUMINOUS INTENSITY DISTRIBUTIO

T2Unit light distribution curve



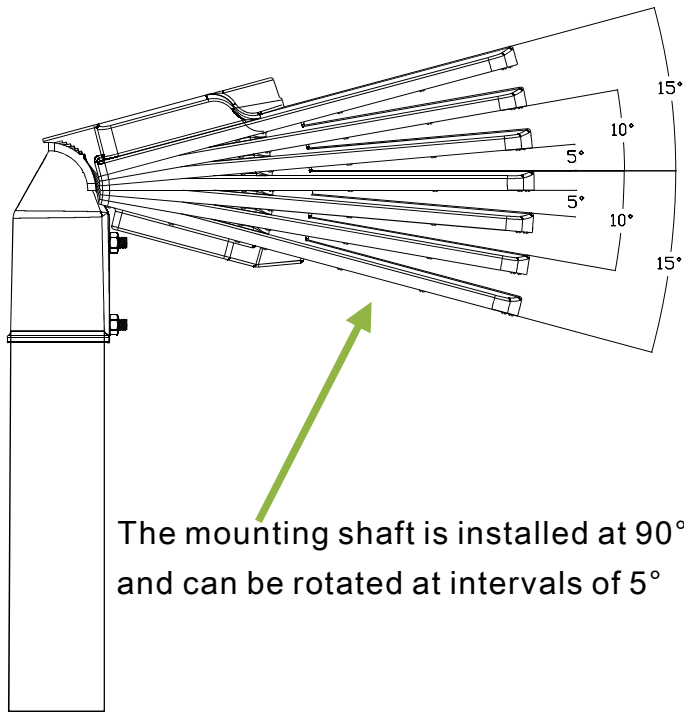
Product Installation Drawing

Installation hole size:60mm

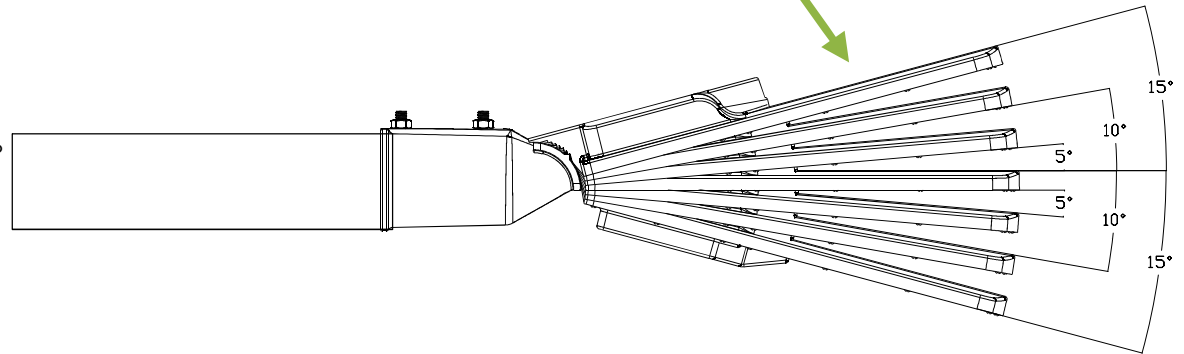


Product Installation Drawing

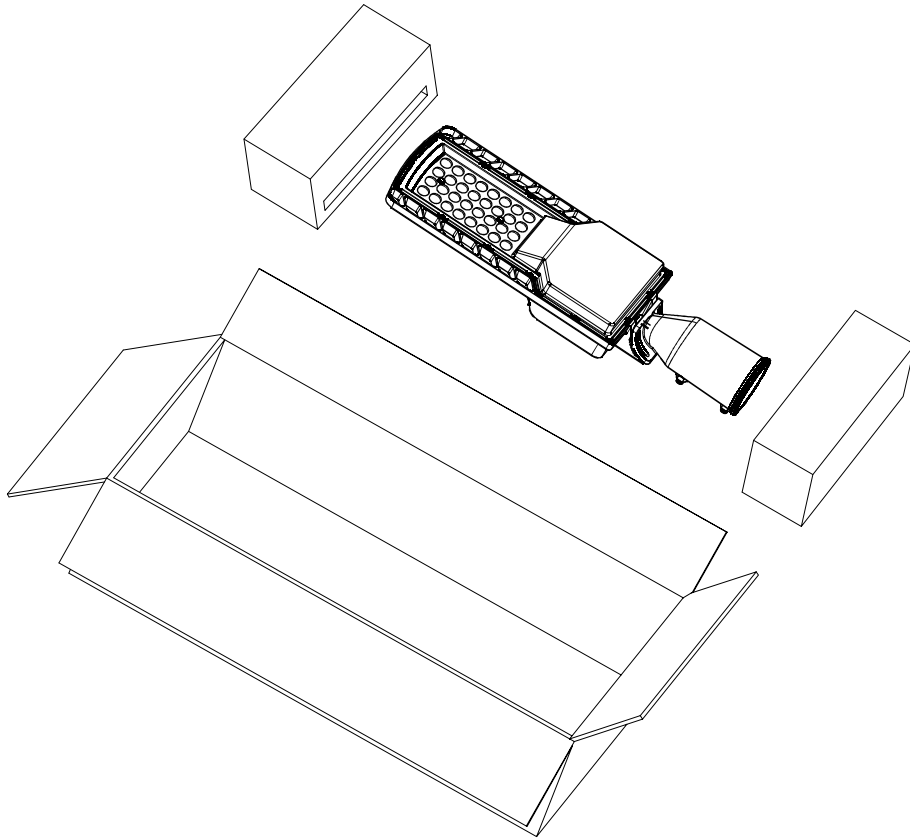
Installation Angle can be adjusted



The mounting shaft is installed at 90° and can be rotated at intervals of 5°

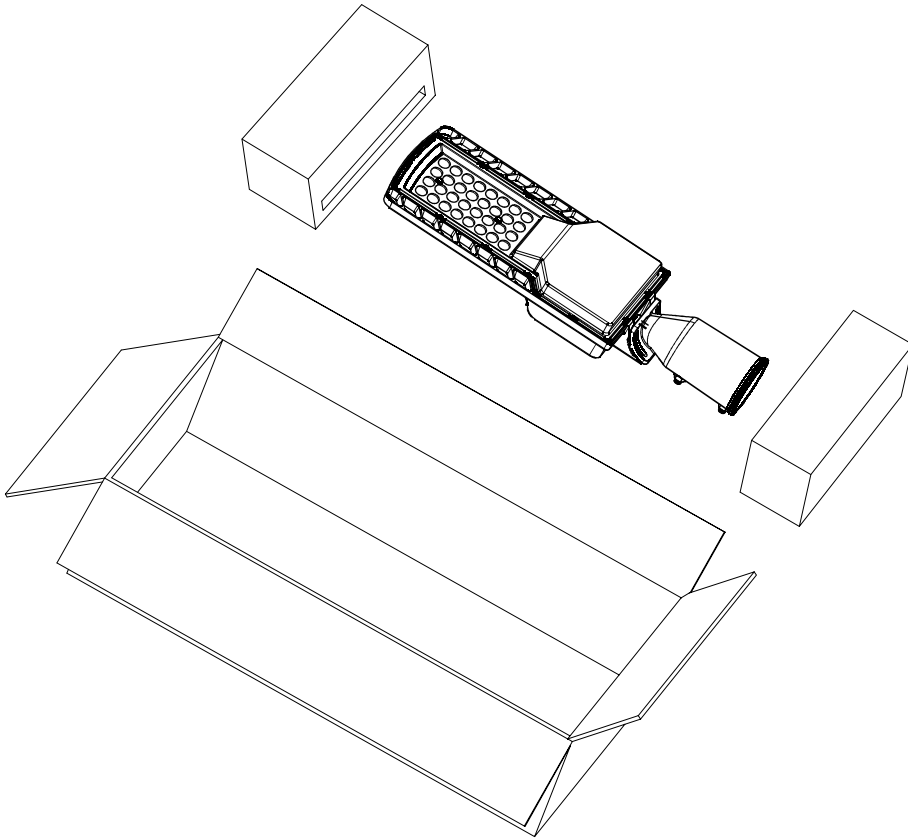


Packing



Model number	Size of outer case	QTY	G.W.
RL-S10-30W	520*490*120mm	6pcs	6.57kg
RL-S10-40W	495*325*175mm	4pcs	5.81kg
RL-S10-50W	487*216*120mm	1pcs	1.93kg
RL-S10-75W	528*225*118mm	1pcs	2.53kg
RL-S10-100W	585*240*120mm	1pcs	3.02kg
RL-S10-150W	662*264*120mm	1pcs	3.61kg
RL-S10-200W	762*315*120mm	1pcs	4.45kg

Packing (with intelligent control)



Model number	Size of outer case	QTY	G.W.
RL-S10-30W	520*490*120mm	6pcs	7.65kg
RL-S10-40W	495*325*175mm	4pcs	6.53kg
RL-S10-50W	487*216*120mm	1pcs	2.11kg
RL-S10-75W	528*225*118mm	1pcs	2.72kg
RL-S10-100W	585*240*120mm	1pcs	3.20kg
RL-S10-150W	662*264*120mm	1pcs	3.79kg
RL-S10-200W	762*315*120mm	1pcs	4.63kg

Attention

1. Please do not disassemble the lamp without permission, or it will be deemed to have waived the warranty service.
2. Please read the manual carefully before installation.
3. Please check everything carefully before use. If any abnormalities occurred during use, please contact us immediately.
4. Please make sure the power is turned off before installation.
5. Please turn to professional electrician if any failure.

Warranty terms

All items are 5-year warranty since the purchase date.

1. Under warranty terms, if products are broken down under normal usage within warranty period, will provide free maintenance service based on the proof-documents and invoice (copy) of the failed products.
2. Will not provide paid maintenance service under following conditions even within warranty.
 - a. Failure or damage caused by force majeure.
 - b. Failure or damage caused by transport or unloading.
 - c. Failure or damage caused by incorrectly usage or fail to comply with the Manual and Caution.
 - d. Failure or damage caused by demolition, repair or alteration without Manufacturer's authorization.
3. Please deliver the failed products by original packing for maintenance service, will not be responsible for any failure
4. reserves the right for final explanation of aforesaid terms.

Cautions: will not be responsible for any other failure or damage by incorrectly usage.