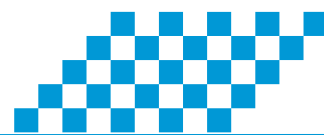


ERP



CE FC





100-200W Technical Parameters:

Product Name	100W LED Area light	150W LED Area light	200W LED Area light
Part No	ZC-AL01-100W-B-XXXX	ZC-AL01-150W-B-XXXX	ZC-AL01-200W-B-XXXX
LED Type	PHILIPS		
LED QTY	224 PCS	224 PCS	224 PCS
Luminous flux	135LM/W (CCT=5000K) 5%	130LM/W (CCT=5000K) 5%	130LM/W (CCT=5000K) 5%
Luminous Flux	13500LM (CCT=5000K) 5%	19500LM (CCT=5000K) 5%	26000LM (CCT=5000K) 5%
CCT	4000K, 5000K, 5700K, 6500K		
Beam Angle	TYPE III/90x120		
CRI	>80Ra		
System Efficiency	>90		
PowerSupply	MeanWell/Inventronics		
Input Voltage	AC100-277V		
Power Frequency	50/60Hz		
Output Voltage	DC28.8-48V		
Output Current	1.25-2A(Constant Corrent)	1.92-3.2A(Constant Corrent)	2.5-5A(Constant Corrent)
Power Efficiency	>90%		
Power Factor	>0.90		
Total Harmonic Distortion	<15%		
System Power consumption	100W±5W	150W±5W	200W±5W
LED Power Consumption	93W±5W	140W±5W	190W±5W
Fixture Material	ADC12 Aluminum alloy		
Ingress Protection	Ip65		
Net Weight	4.3kg±0.5kg	4.8kg±0.5kg	5.0kg±0.5kg
Gross weight	5kg±0.5kg	5.6kg±0.5kg	5.8kg±0.5kg
Life span	>50000Hrs(Ta=30℃ @LM70)		
Junction Temperature	<75℃(Ta=30℃)		
Storage Temperature	(-40~+70℃)		
Operating Temperature	(-30~+50℃)		
Operating Humidity	15-90%RH		
Outlook Dimensions	L435*W320*H95	L435*W320*H95	L435*W320*H95
Cartion size	L570*W370*H145mm	L570*W370*H145mm	L570*W370*H145mm



ERP





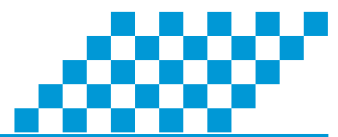
300-360W Technical Parameters:

Product Name	300W LED Area light	360W LED Area light	400W LED Area light
Part No	ZC-AL01-300W-B-XXXX	ZC-AL01-360W-B-XXXX	ZC-AL01-400W-B-XXXX
LED Type	PHILIPS	PHILIPS	PHILIPS
LED QTY	448 PCS	448 PCS	448 PCS
Luminous flux	130LM/W (CCT=5000K) 5%	130LM/W (CCT=5000K) 5%	130LM/W (CCT=5000K) 5%
Luminous Flux	39000LM (CCT=5000K) 5%	46800LM (CCT=5000K) 5%	52000LM (CCT=5000K) 5%
CCT	4000K, 5000K, 5700K, 6500K	4000K, 5000K, 5700K, 6500K	4000K, 5000K, 5700K, 6500K
Beam Angle	TYPE III/90x120	TYPE III/90x120	TYPE III/90x120
CRI	>80Ra	>80Ra	>80Ra
System Efficiency	>90	>90	>90
PowerSupply	MeanWell/Inventronics	MeanWell/Inventronics	MeanWell/Inventronics
Input Voltage	AC100-277V	AC100-277V	AC100-277V
Power Frequency	50/60Hz	50/60Hz	50/60Hz
Output Voltage	DC28.8-48V	DC28.8-48V	DC28.8-48V
Output Current	3.35-6.7A(Constant Corrent)	3.35-6.7A(Constant Corrent)	5-9.5A(Constant Corrent)
Power Efficiency	>90%	>90%	>90%
Power Factor	>0.90	>0.90	>0.90
Total Harmonic Distortion	<15%	<15%	<15%
System Power consumption	300W±5W	360W±5W	400W±5W
LED Power Consumption	285W±5W	350W±5W	390W±5W
Fixture Material	ADC12 Aluminum alloy	ADC12 Aluminum alloy	ADC12 Aluminum alloy
Ingress Protection		IP65	IP65
Net Weight	7.8kg±0.5kg	8kg±0.5kg	9.3kg±0.5kg
Gross weight	8.6kg±0.5kg	8.8kg±0.5kg	10.1kg±0.5kg
Life span	>50000Hrs(Ta=30℃ @LM70)	>50000Hrs(Ta=30℃ @LM70)	>50000Hrs(Ta=30℃ @LM70)
Junction Temperature	<75℃(Ta=30℃)	<75℃(Ta=30℃)	<75℃(Ta=30℃)
Storage Temperature	(-40~+70℃)	(-40~+70℃)	(-40~+70℃)
Operating Temperature	(-30~+50℃)	(-30~+50℃)	(-30~+50℃)
Operating Humidity	15-90%RH	15-90%RH	15-90%RH
Outlook Dimensions	L658*W320*H95	L658*W320*H95	L658*W320*H95
Cartion size	L795*W370*H145mm	L795*W370*H145mm	L795*W370*H145mm

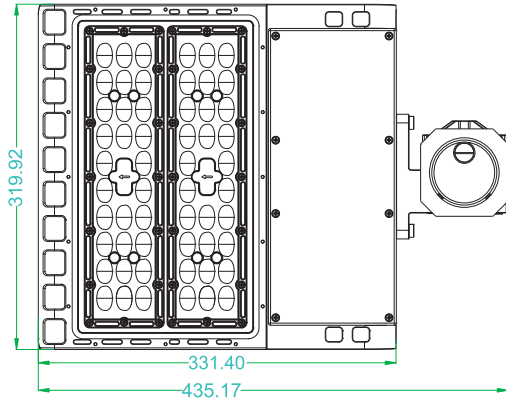


ERP

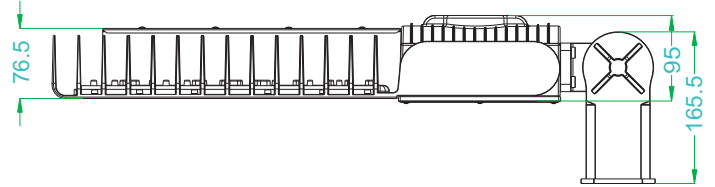
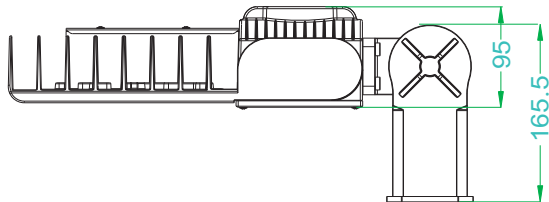
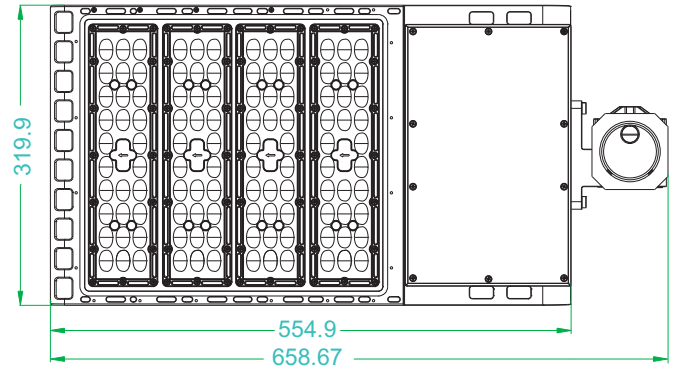




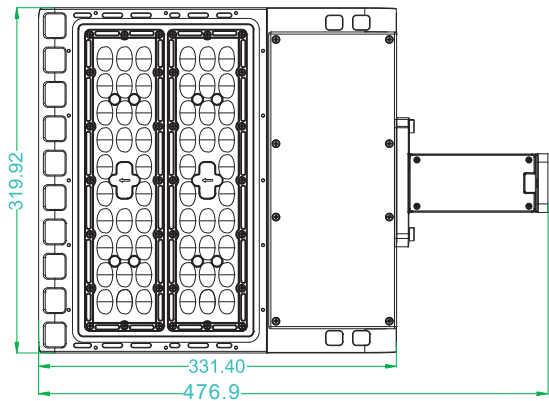
100W~200W Size



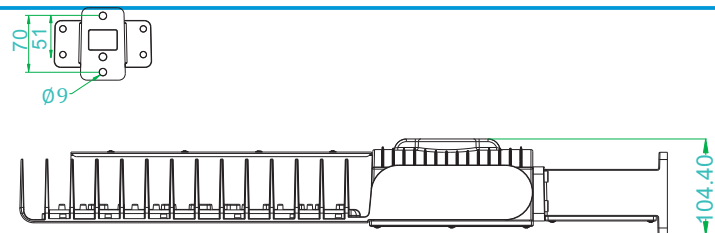
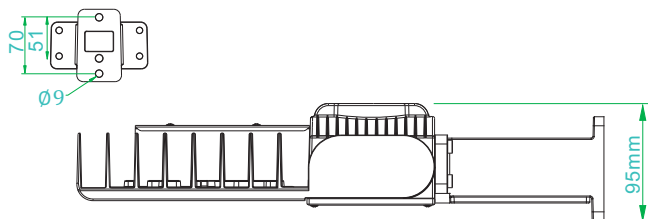
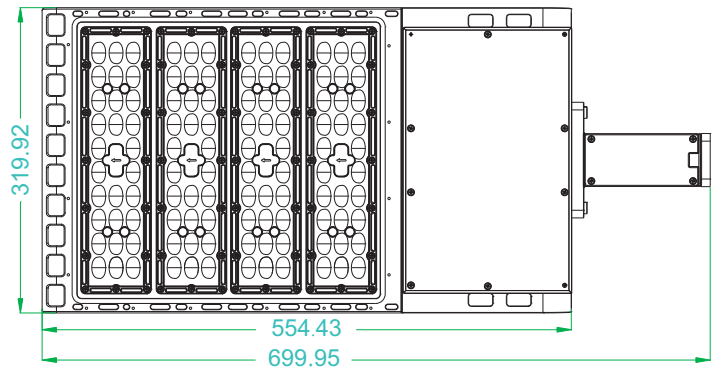
300W~360W Size



Knuckle Mountng



Knuckle Mountng



Universal Arm Mountng

Universal Arm Mountng

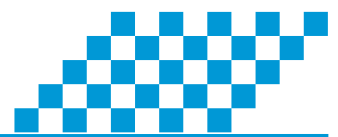


ERP **UL** US LISTED

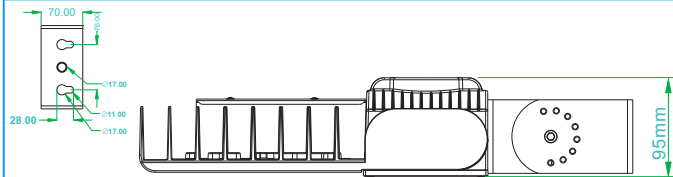
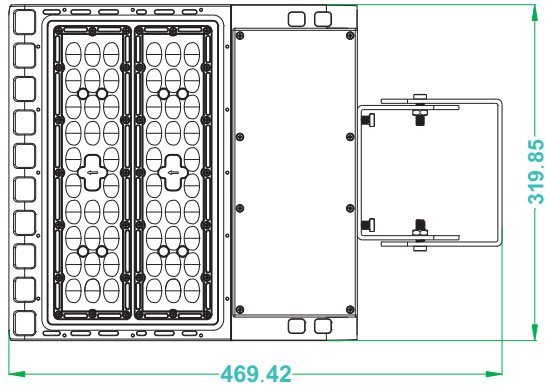


CE **FC**

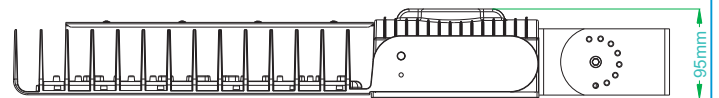
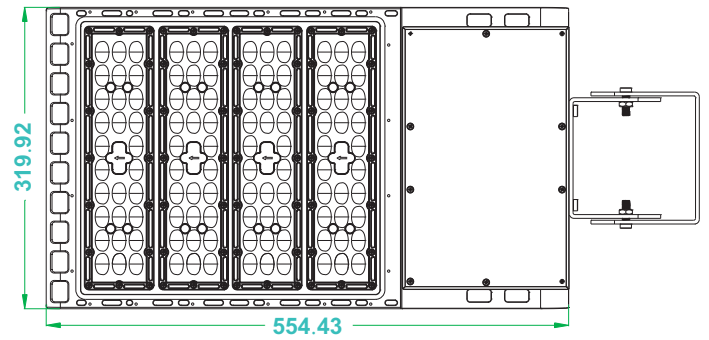




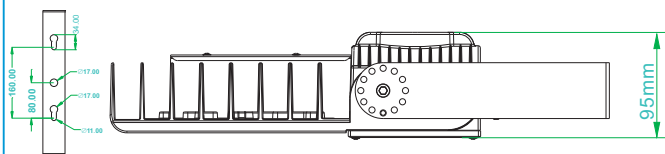
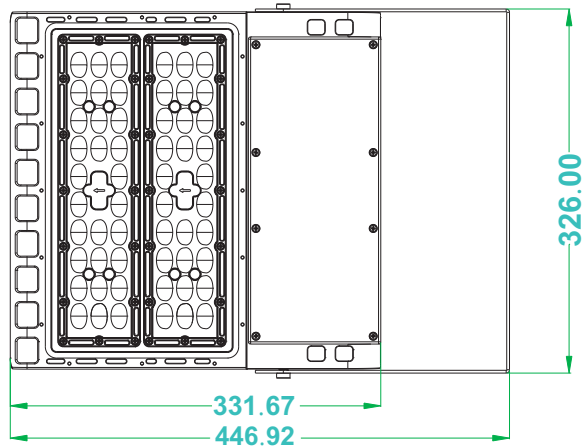
100W~200W Size



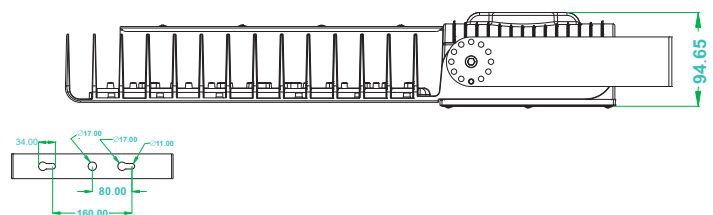
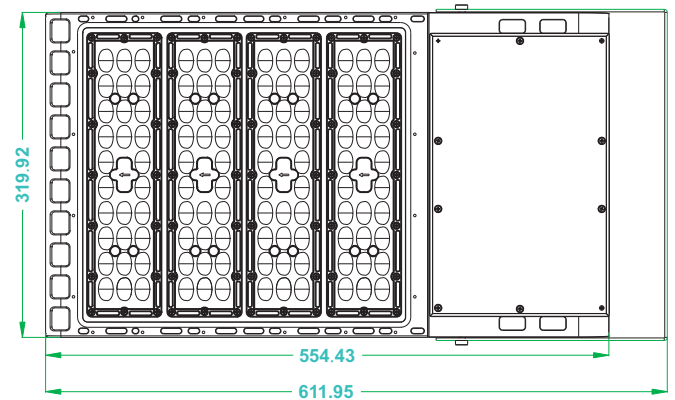
300W~360W Size



Wall Mounting



Wall Mounting



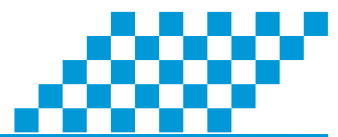
Cast light installation

Universal Arm Mounting

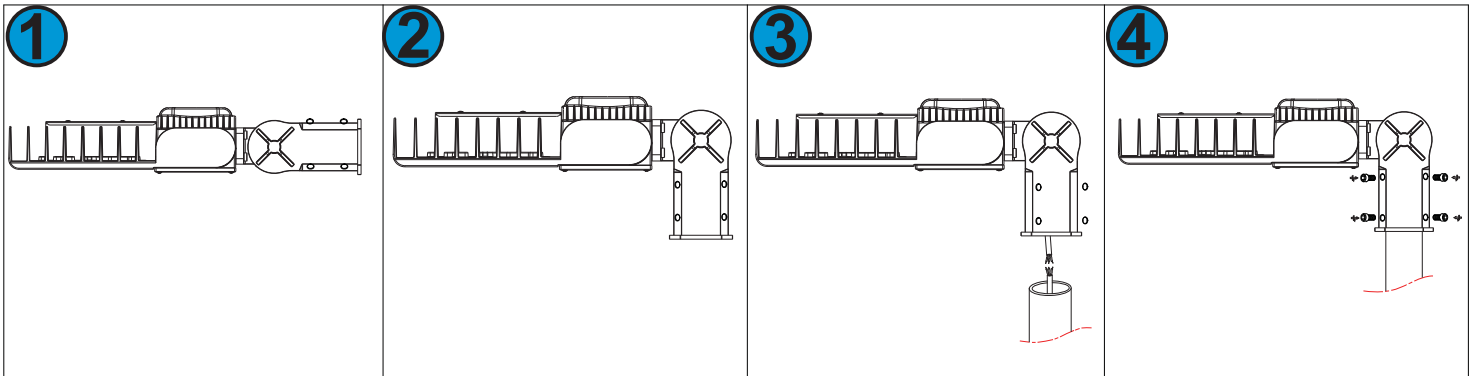


ERP

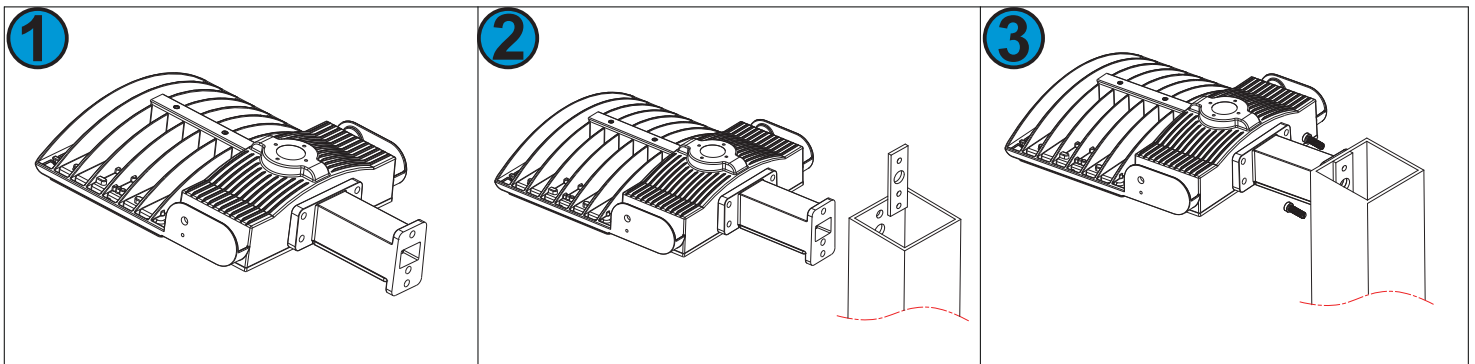




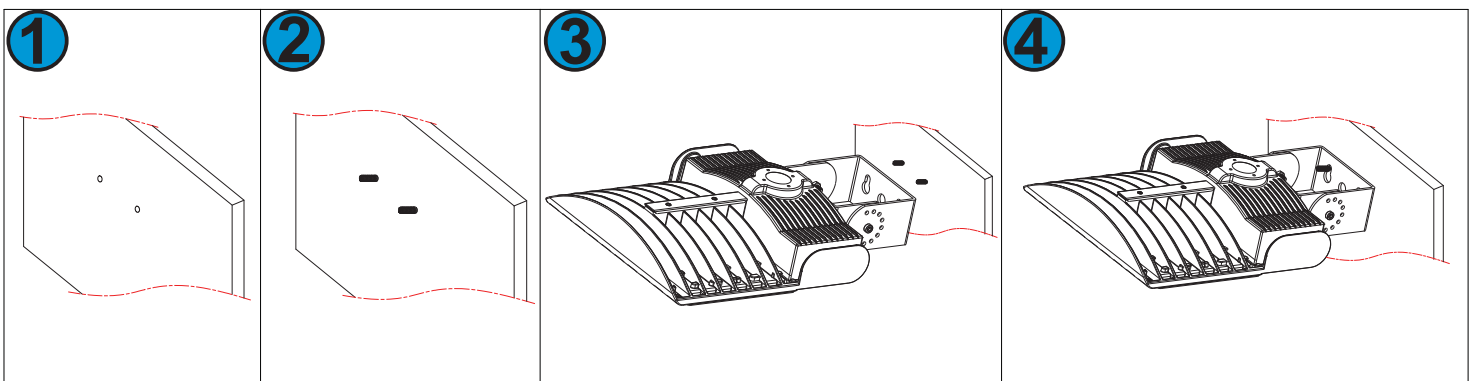
Knuckle Mounting



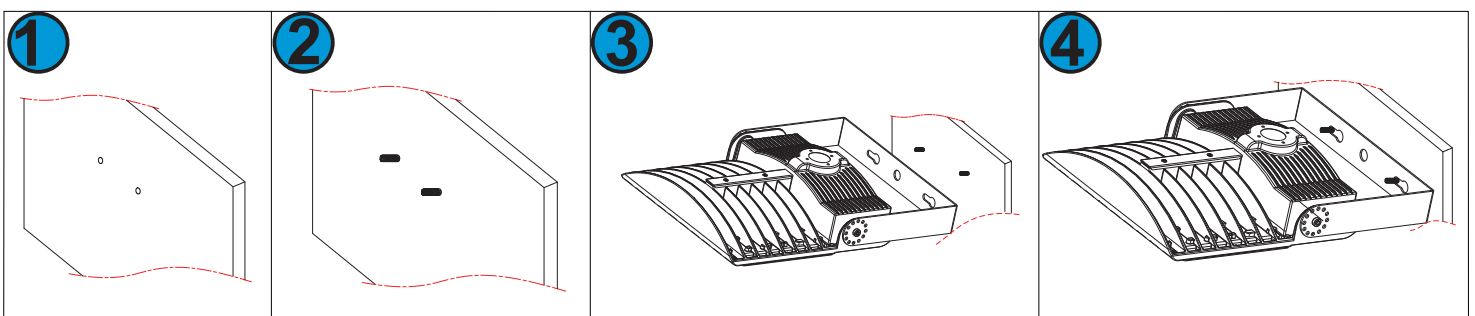
Universal Arm Mounting



Double U type Mounting



Trunnion Mounting



ERP



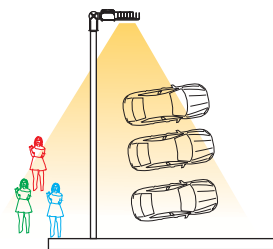
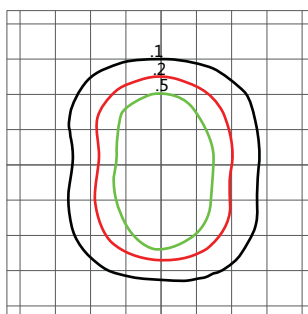
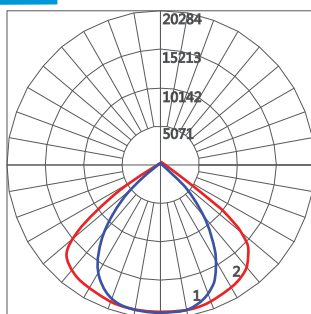


Photometrics:

150W

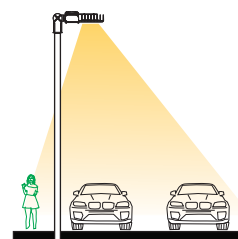
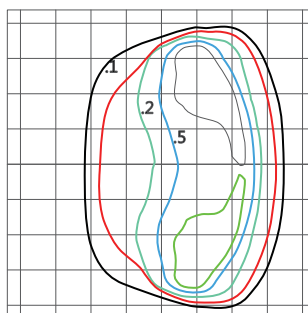
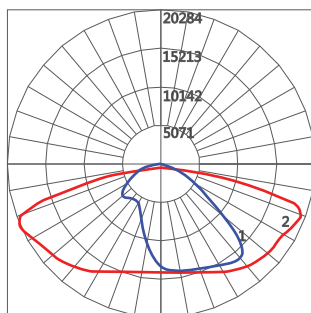
90 120

Asymmetrical Width
19,500 Lumens
5000K



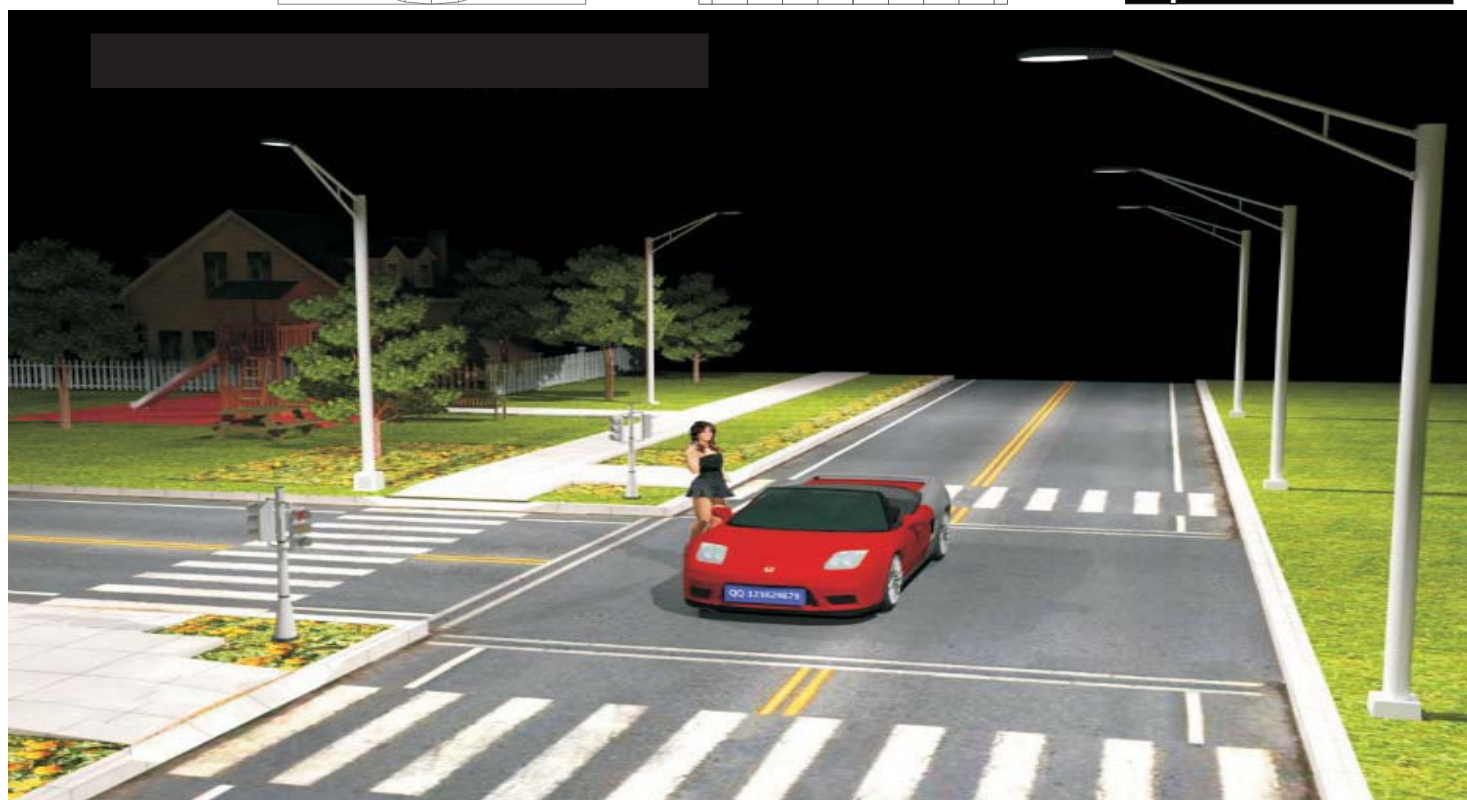
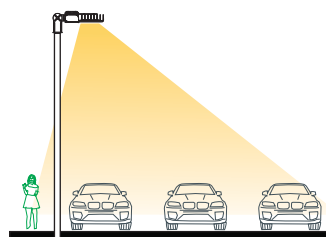
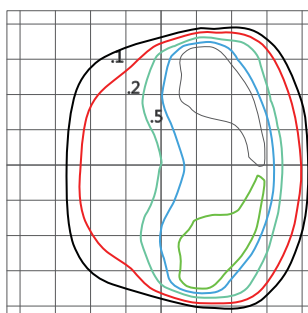
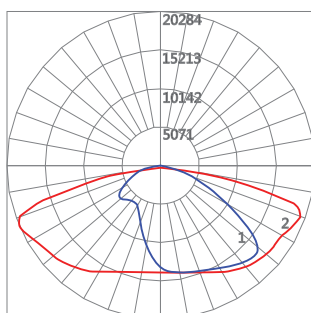
TYPE II

Asymmetrical Wide
19,500 Lumens
5000K



TYPE III

Asymmetrical Ultra Wide
19,500 Lumens
5000K



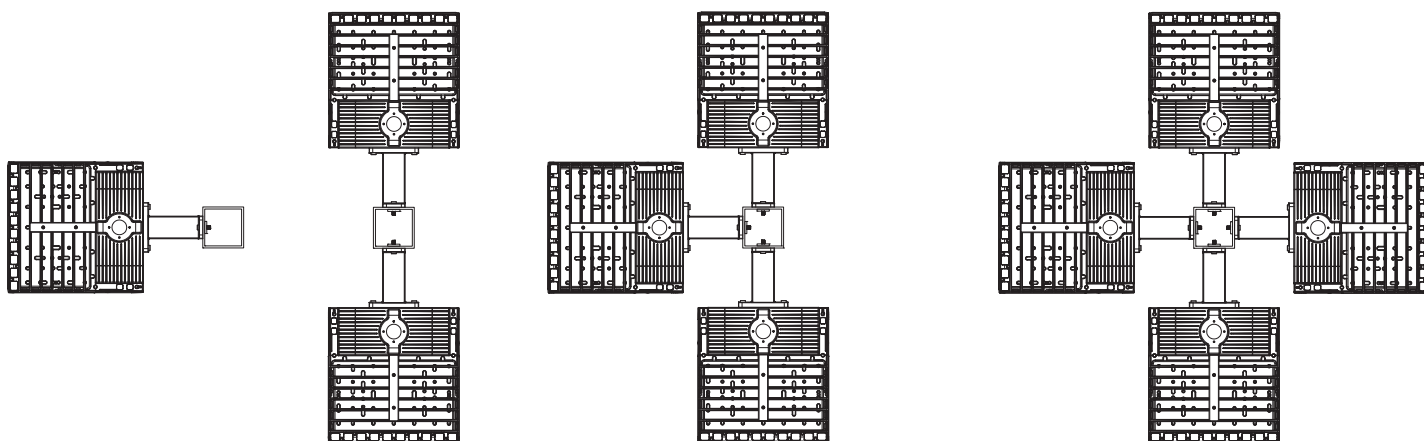
ERP



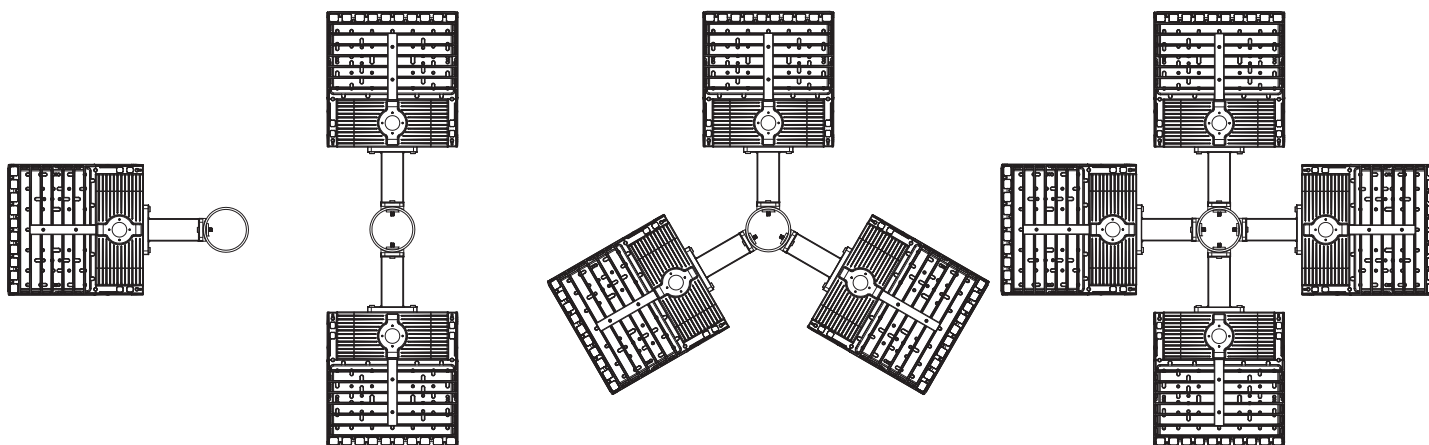


Application and Control

Group installation 1:



Group installation 2:



Optional components:



10kV Surge Protection Device

shorting cap

photo sensor

Intelligent dimming:

 0~10VDC PWM		 Microwave induction
--	---	--

Warning:

1. Please read the manual carefully before installation.
2. Please authorize only qualified person or professional engineer to install the fixture.
3. Before installation, Please check if the local voltage range is correspond with the working voltage of the fixture.
4. If the fixture is damaged, it should be replaced by the supplier, a service agent or a qualified person.
5. Please keep the fixture out of fire, electric shock, vibration.
6. To avoid fire, electric, shock.

Product Features:

- ☆ The material of heat sink is high thermal conductivity NO.ADC12 aluminum, good for heat dissipation.
- ☆ The unique design of housing help to speed up the heat dissipation, further ensuring the life of the fixture.
- ☆ The integrated design of appearance makes the fixture looks elegant.
- ☆ This fixture is waterproof, dustproof, anticorrosive.



ERP

