



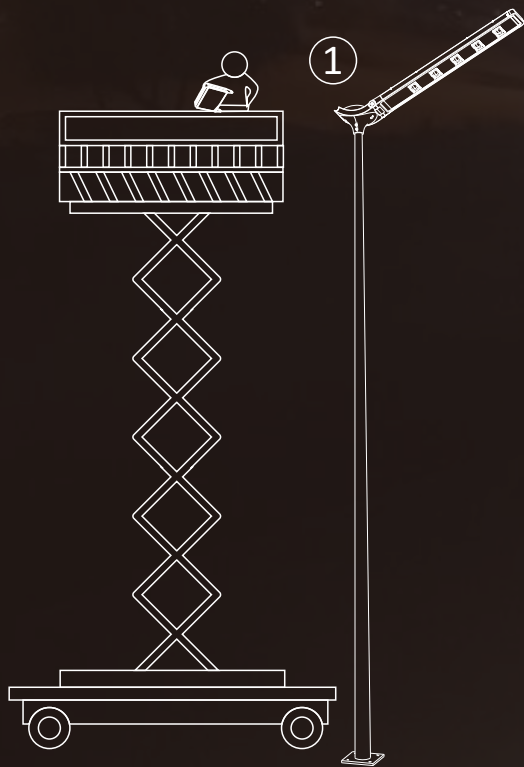


6-10 YEARS SUPER LONG LIFESPAN SOLUTION

Worry-free after sales, Escort the
high-end project

BRAND NEW DESIGN

battery pack separate from the lamp
body, convenient maintenance



① Remove 4 screws, disconnecting cables, take down the old battery box



② Prepare the new battery pack

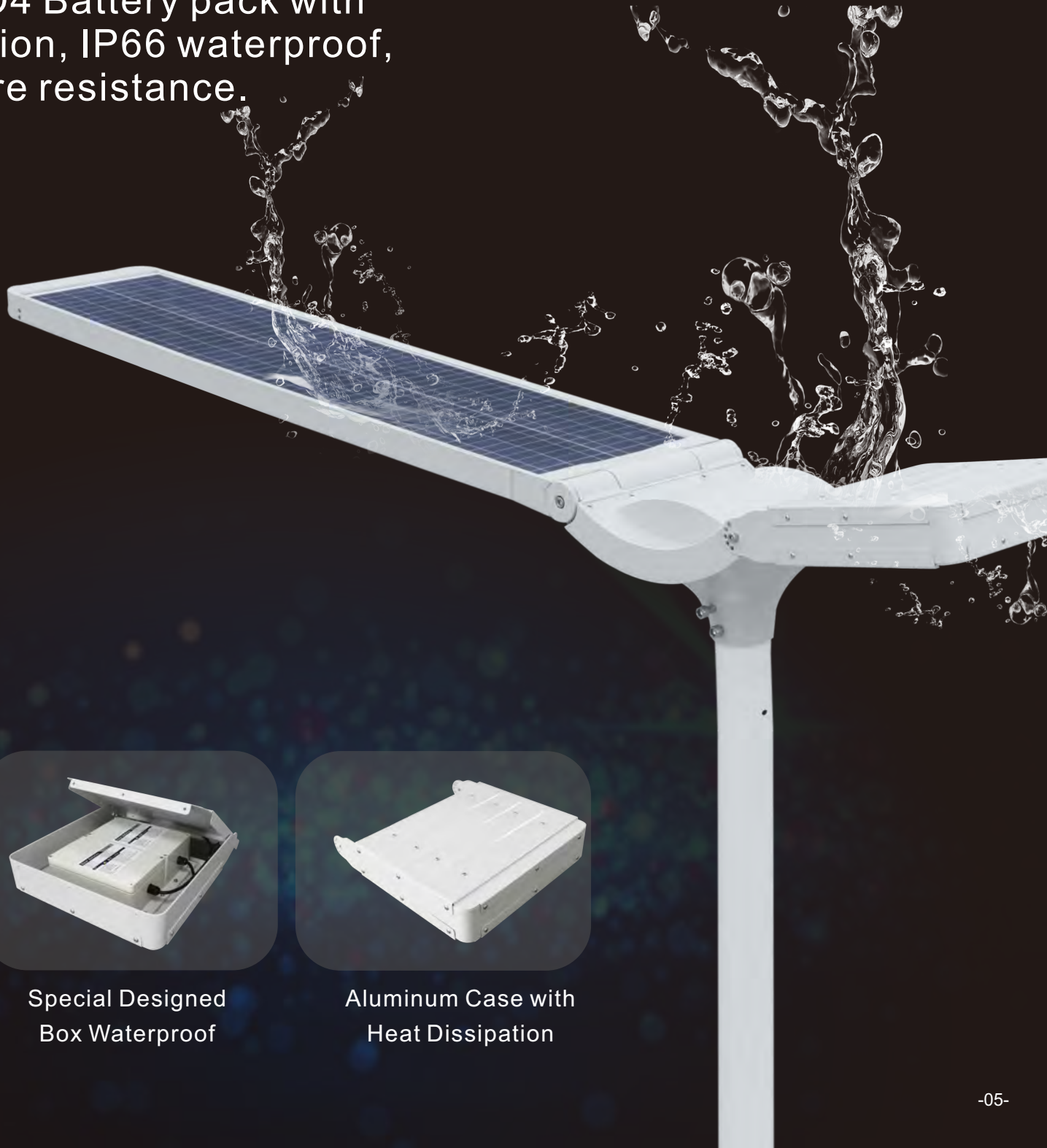


③ Connect the cables, align angel to lock screws

The whole process take 5-6 mins only

EXTEND BATTERY LIFE

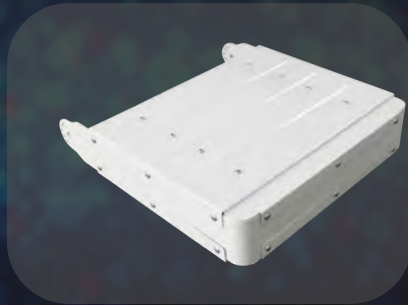
Grade A LiFePO4 Battery pack with multiple protection, IP66 waterproof, high temperature resistance.



Internal Battery
Pack Protection



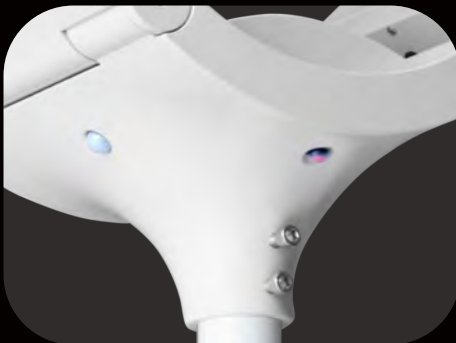
Special Designed
Box Waterproof



Aluminum Case with
Heat Dissipation

EXCELLENT SURFACE TREATMENT

Die cast aluminum + profile aluminum
Anti-corrosion



Bracket



Rotation Shaft

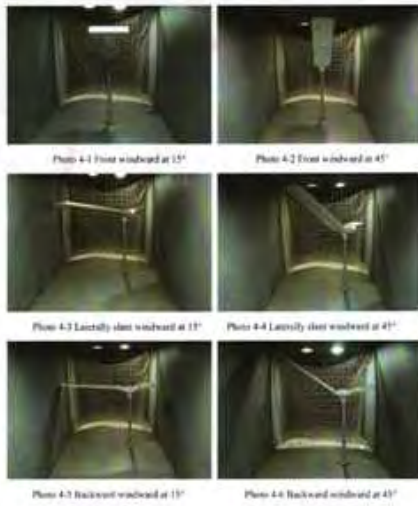


Battery Box

SAFE AND SECURE

Strong and durable structure

Pass the 60m/s wind resistance test



Wind Engineering Research Center
www.gdwind.com

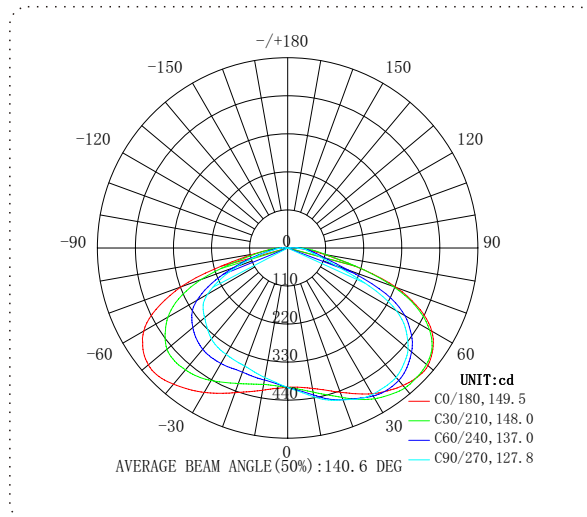
Report No.: JK-FG2017W018

Wind Load Resistance Performance Test Report of XSY-BM-45 Solar Street Light

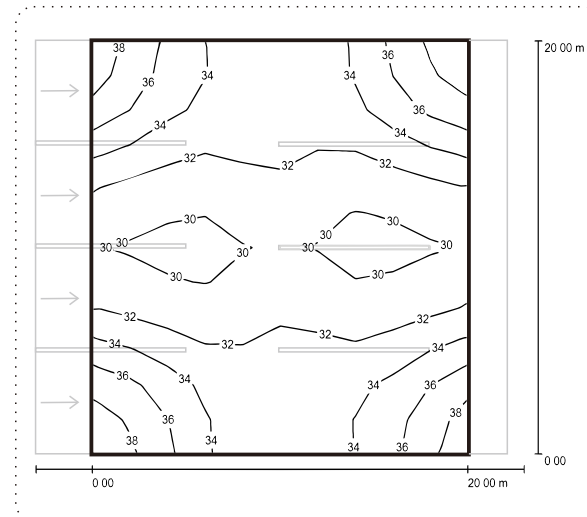
Guangdong Provincial Academy of Building Research
Group Co., Ltd.
Dec., 11th, 2017

Professional light distribution for road lighting

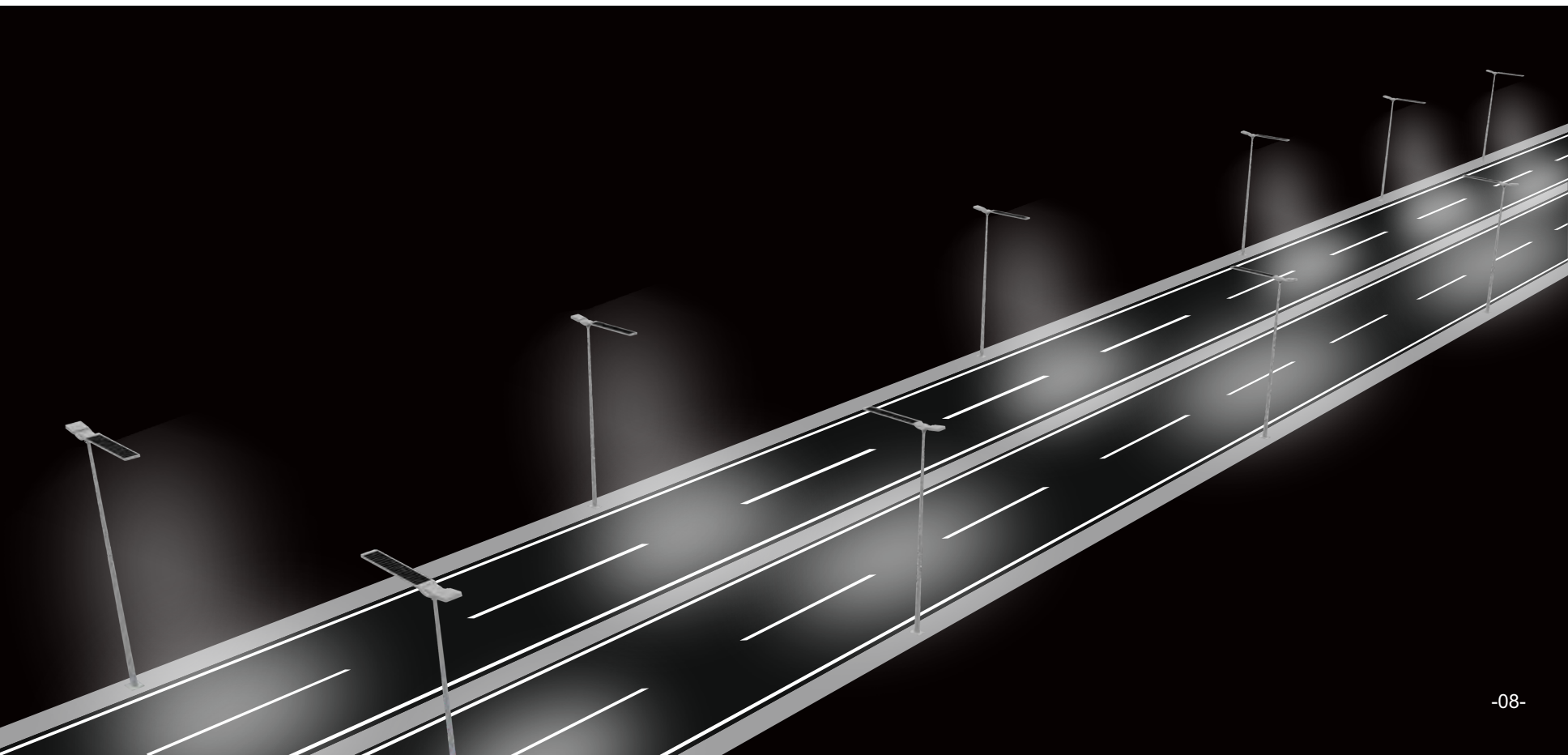
Large Light Distribution



Results overview

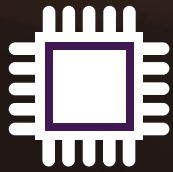


3D Rendering

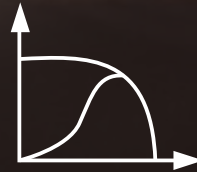


MPPT CONTROLLER INTEGRATED WITH EMS CORE TECHNOLOGY

faster charging, make sure the stability of solar system, increasing the system working efficiency, decreasing the energy consumption.



Energy
Management
System3.0



MPPT Charging
Technology



Solar
panel 21%



8 Years
Lifetime



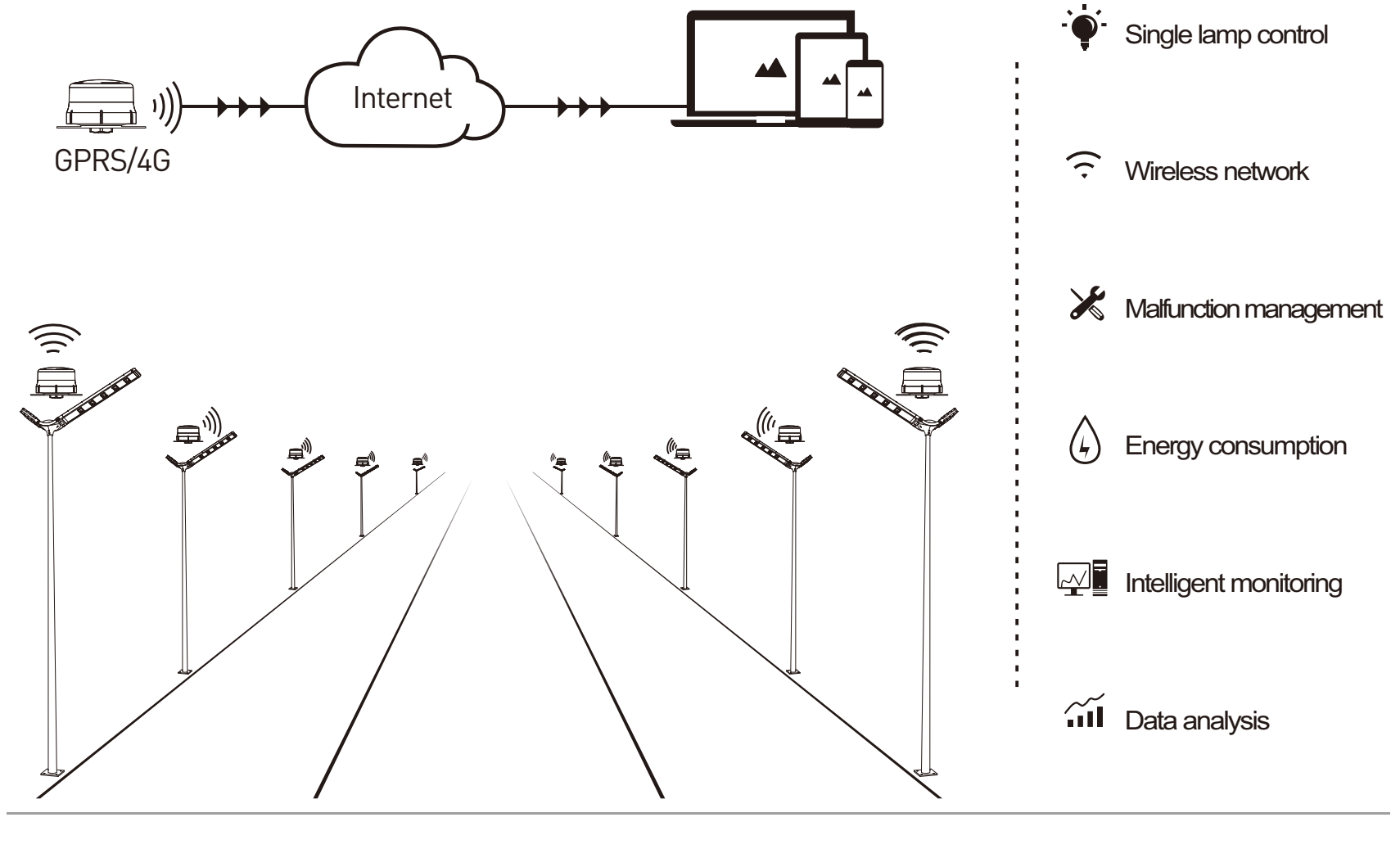
16 Grade
Wind Proof




IP66

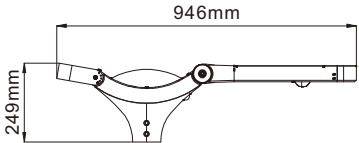
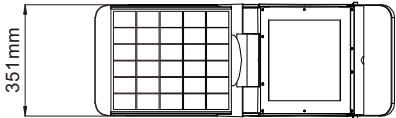
USERS CAN REMOTELY MONITOR THE LAMPS

Users can remotely monitor the lamps through the Web or APP anytime and anywhere, make the lamps management easier.

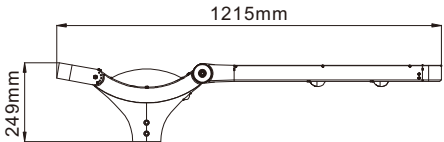
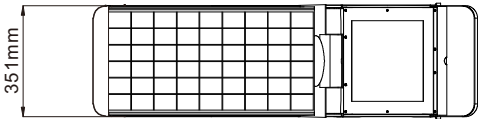


Model No	XSY-BMS-20	XSY-BMS-40	XSY-BMS-70	XSY-BMS-90	XSY-BMS-120
Solar panel	20W	35W	55W	60W	80W
Battery(LiFePO4)	116WH	231WH	384WH	460WH	576WH
Luminous flux	2000lm	4000lm	7000lm	9000lm	12000lm
Led chips					
Warranty	3 years				
Color temp	4000K-6500K				
Beam Angle	TYPE III				
Lamp Angle	0/30 degree vertically				
PIR Sensor	Yes(Optimum detecting range:6-8m)				
Standard Working Mode	First 3 hours full brightness,last 9 hours in PIR sensor mode (60% brightness with people,30% brightness without people)				
Back up time	3 nights				
Working Temperature	-20°C to 60°C				
Charging Time	7-9hrs				
Required Pole Size	60 mm(top end)				
IP/IK Class	IP66 / IK08				
Wind proof	pass the 60m/s wind loading wind proof real testing				
Installation Height	3-4m	4-5m	4-6m	6-8m	7-9m
Installation Distance	15m	20m	25m	25m	30m

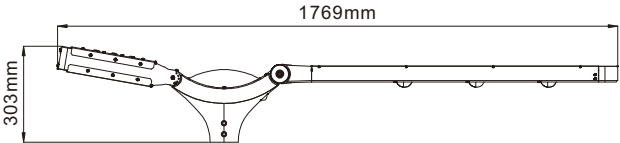
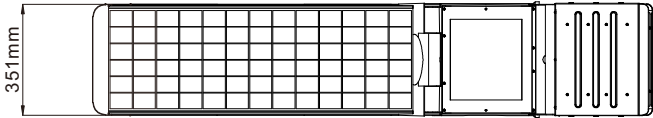
XSX-BMS-20



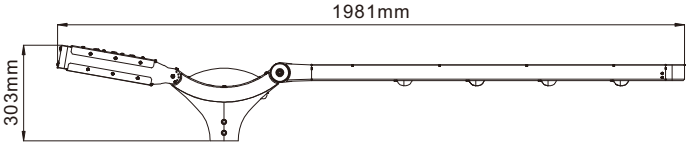
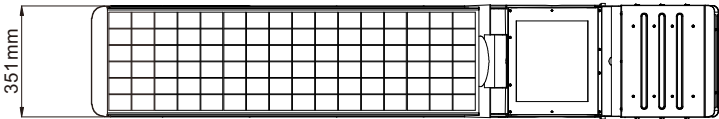
XSX-BMS-40



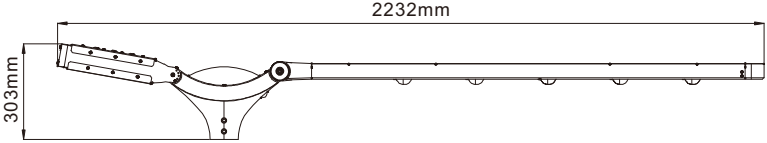
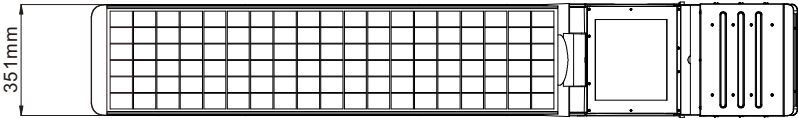
XSX-BMS-70

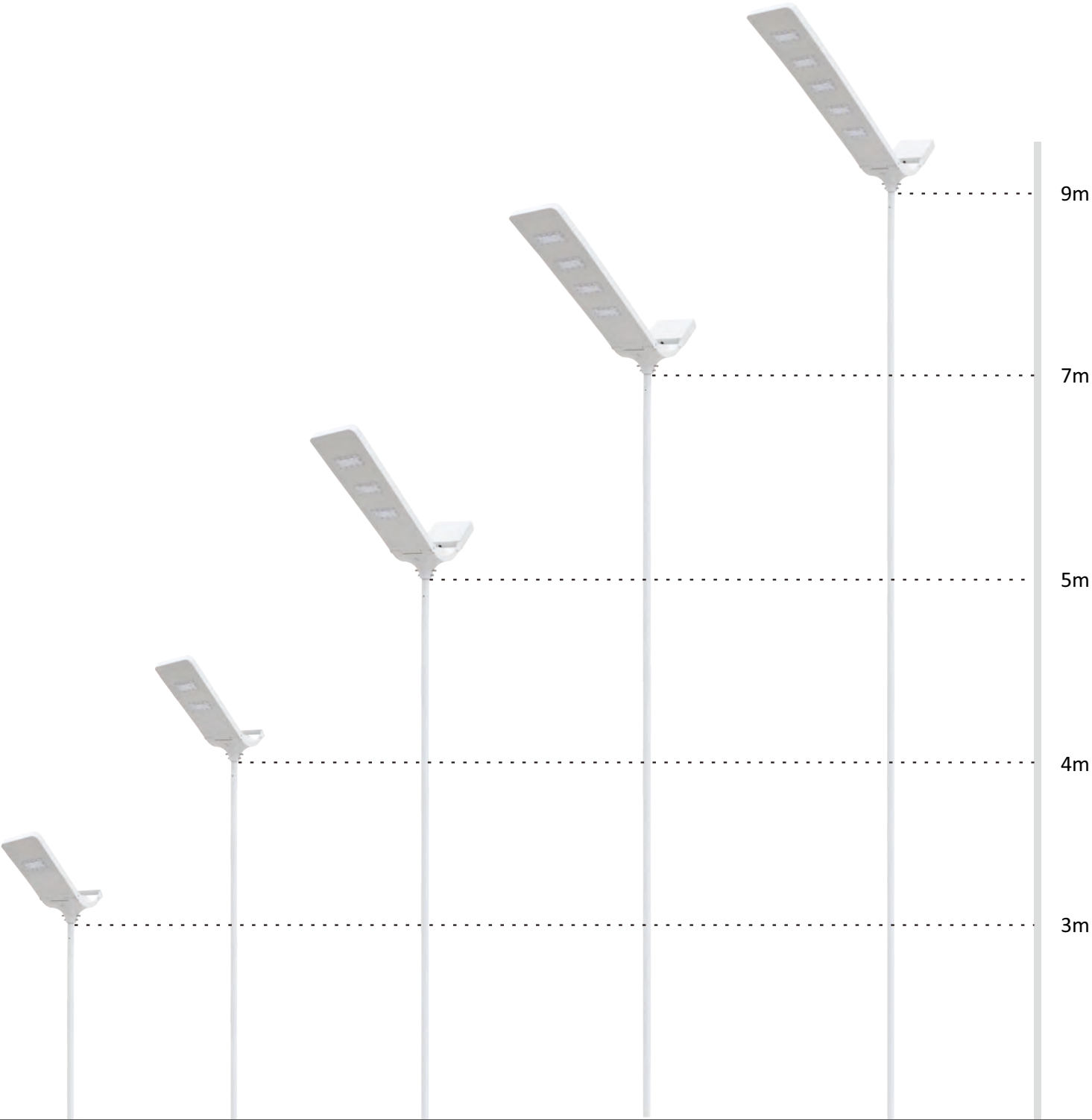


XSX-BMS-90



XSX-BMS-120





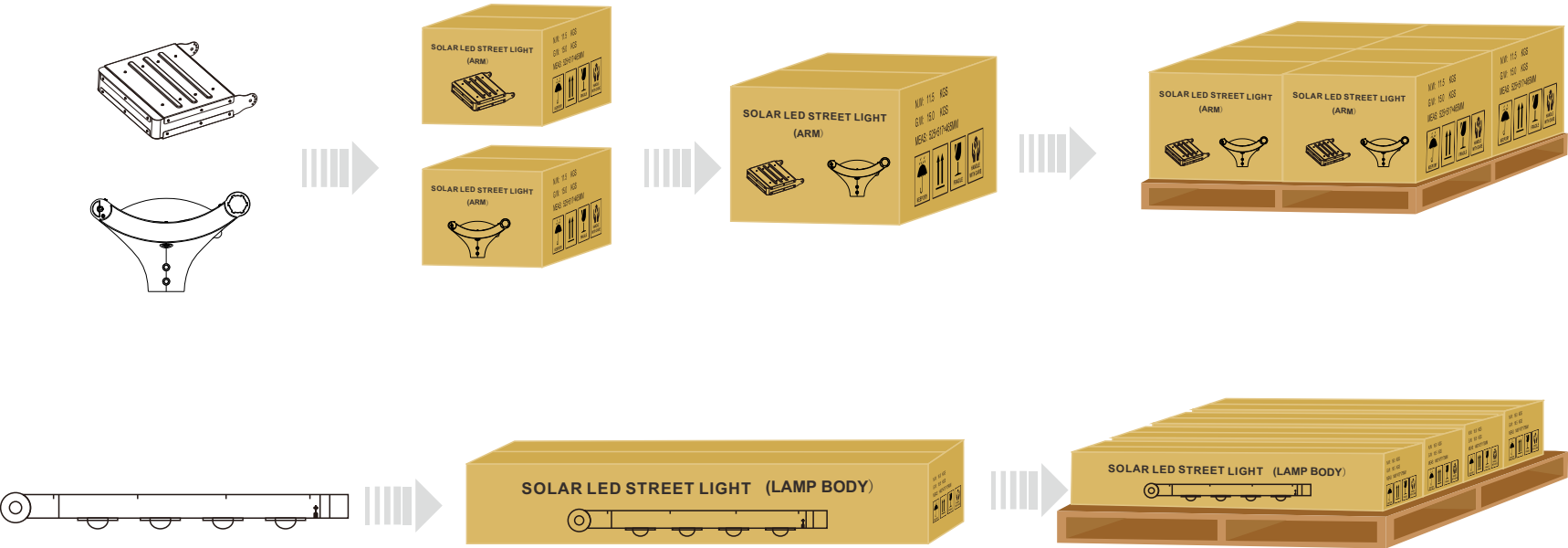
XSY-BMS-20

XSY-BMS-40

XSY-BMS-70
EPA(Sq.Ft): 8.058

XSY-BMS-90
EPA(Sq.Ft): 8.972

XSY-BMS-120
EPA(Sq.Ft): 10.12



Model No.		XSJ-BMS-20	XSJ-BMS-40	XSJ-BMS-70	XSJ-BMS-90	XSJ-BMS-120
Packing(MM) 2 ctn/set	Lamp Body	665×475×175	935×475×175	1250×475×175	1460×475×175	1710×475×175
	Arm& Batteries pack	505×435×310	505×435×310	525×520×465	525×520×465	525×520×465
N.W(KGS)		16.0	19.6	25.0	27.5	31.0
G.W(KGS)		20.5	24.0	30.5	33.5	38.0

Model No.	XSJ-BMS-20	XSJ-BMS-40	XSJ-BMS-70	XSJ-BMS-90	XSJ-BMS-120
20GP	186 sets	168 sets	120 sets	104 sets	95 sets
40GP	408 sets	336 sets	240 sets	224 sets	204 sets
40HQ	422 sets	368 sets	260 sets	250 sets	238 sets

