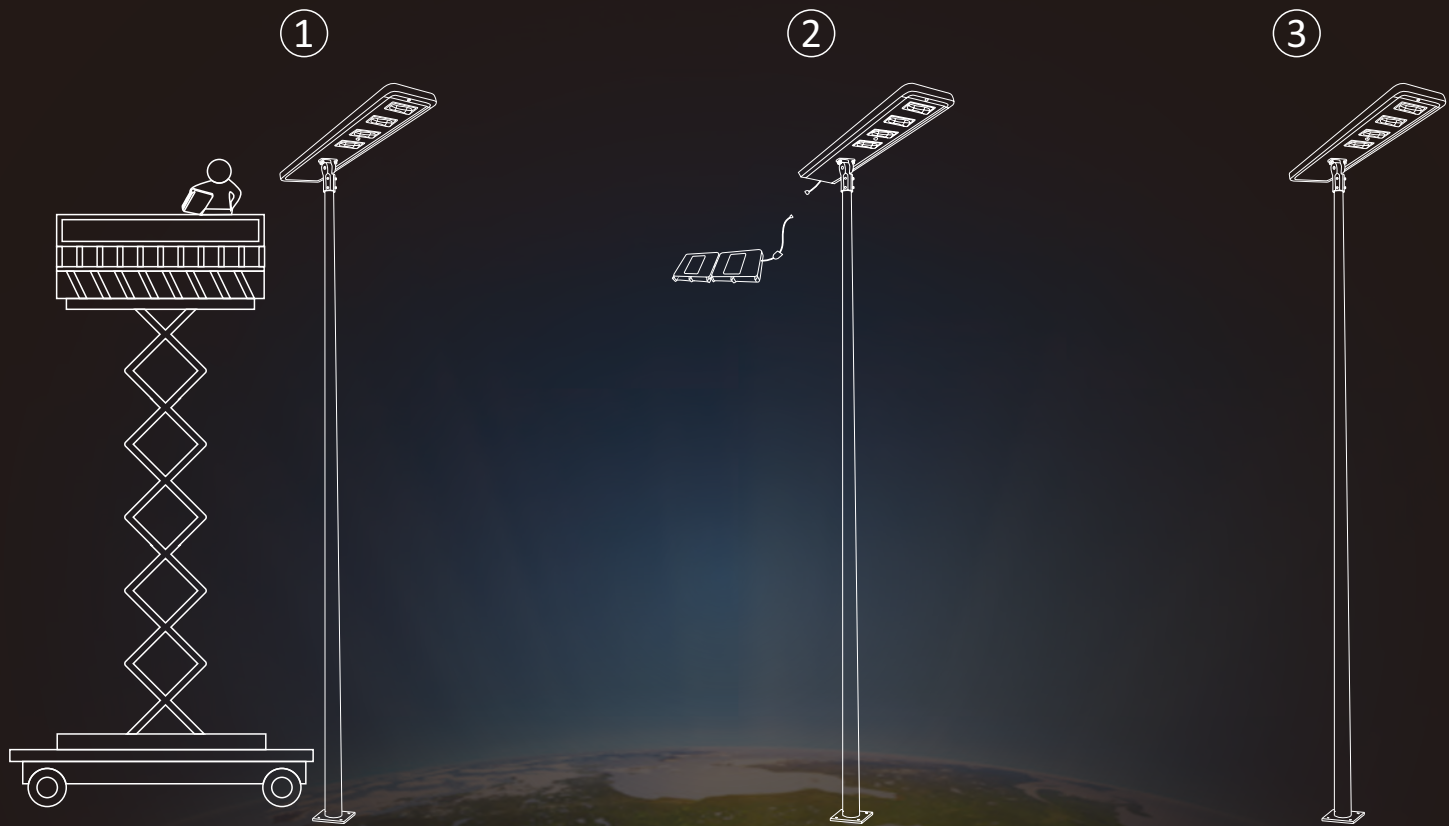SOLWAY

AIRSHIP SERIES

MAKE A DIFFERENCE

FROM THE INSIDE OUT

Redefine the design of all in one
solar street light

COMPACT
DESIGN

battery pack built in the lamp body,
convenient to replace the battery

①

②

③

❶ Remove the 4 screws to open the rear
cap,disconnecting cables, take out the
old battery pack

❷ Prepare the new battery pack

❸ Connect cables and lock
screws

The whole process take 4-5 mins only

EXTEND
BATTERY LIFE

Grade A Lithium-ion Battery pack with unique battery box，IP66 waterproof, high temperature resistance，no risk of explosion

Internal Battery
Pack Protection

Unique battery box

EXCELLENT
SURFACE TREATMENT

Die cast aluminum + profile aluminum materials
Anti-corrosion

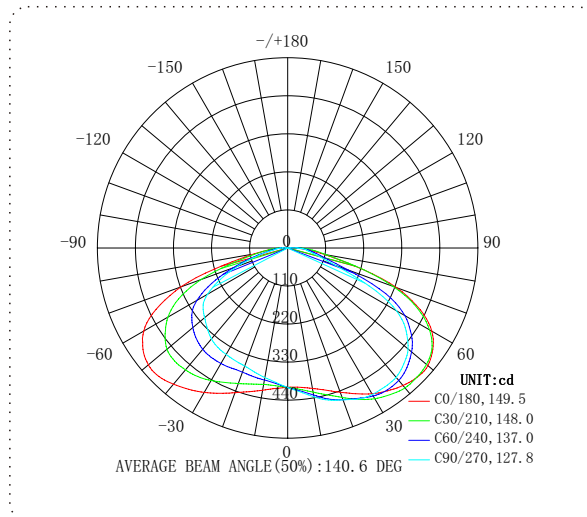# MULTIPLE
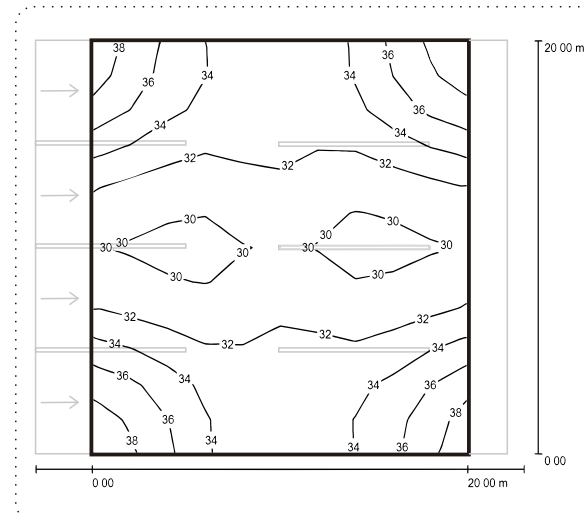# INSTALLATION WAYS
satisfy different project demands

Post top

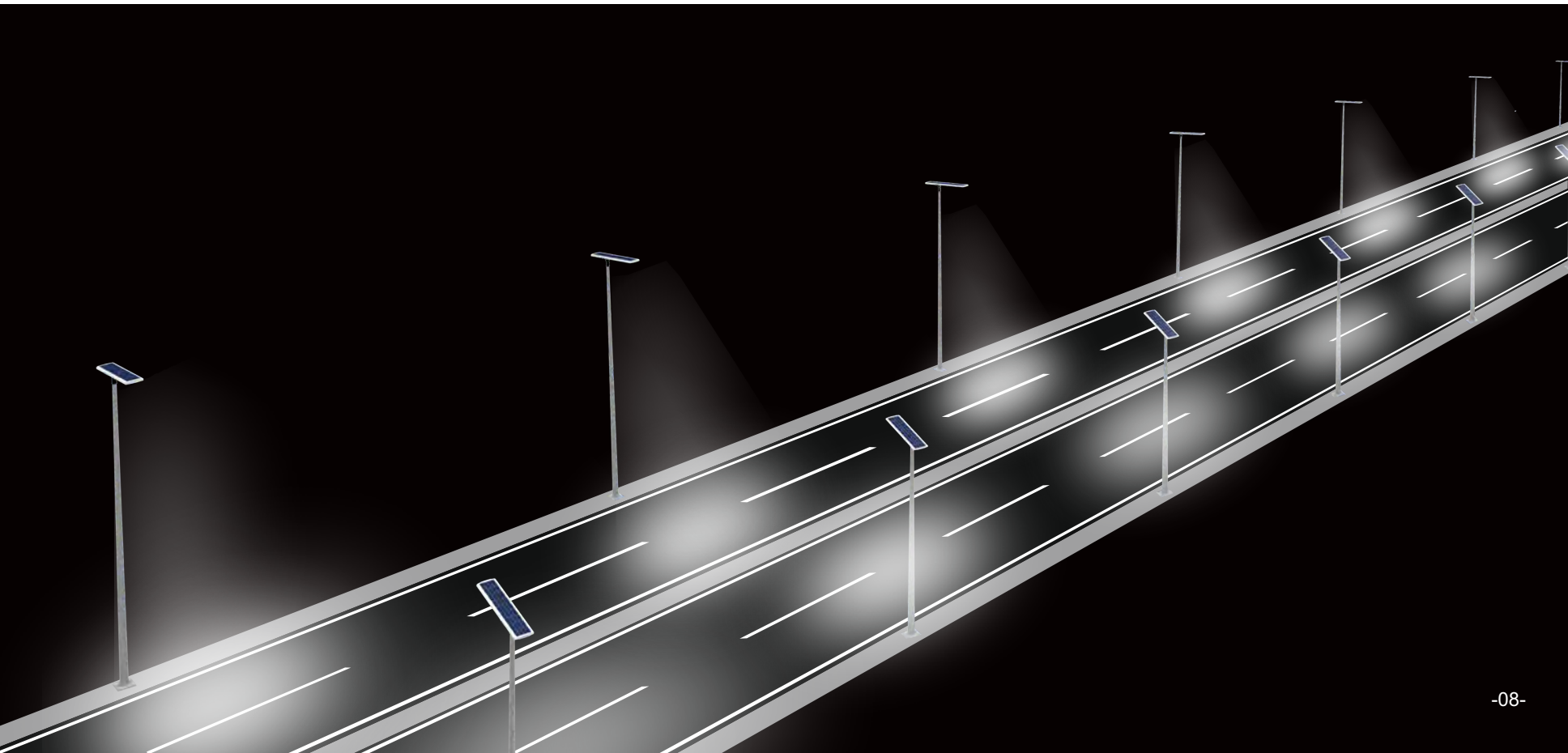Entry side

Professional light distribution for road lighting

Large Light Distribution

UNIT:cd

C0/180, 149.5
C30/210, 148.0
C60/240, 137.0
C90/270, 127.8

AVERAGE BEAM ANGLE (50%) : 140.6 DEG
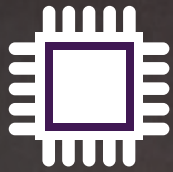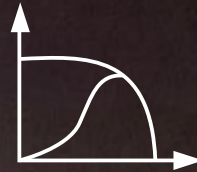
Results overview

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

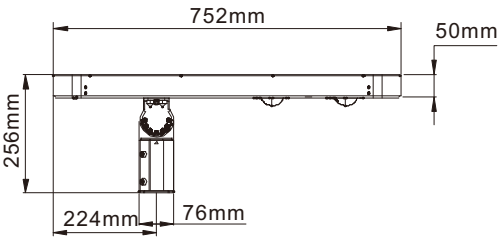MPPT Charging Technology
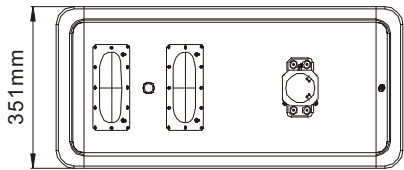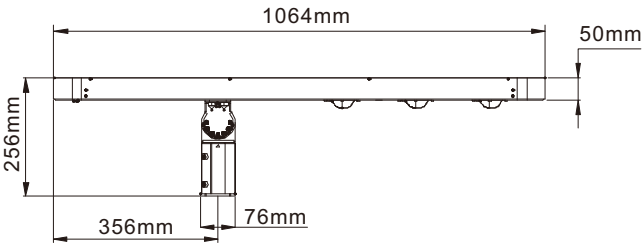
Solar panel 21%

8 Years Lifetime

16 Grade Wind Proof

IP66

Model No	XSY-EBM-30	XSY-EBM-40	XSY-EBM-60	XSY-EBM-80
Solar panel	40W	60W	70W	90W
Battery(Lithium-ion)	222WH	388.5WH	444WH	583WH
Luminous flux	4200lm	5500lm	8100lm	11000lm
Led chips	SEOUL			
Warranty	2 years			
Color temp	4000K-6500K			
Beam Angle	TYPE III			
Lamp Angle	0/15/30 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			
Installation Height	4-5m	4-6m	6-8m	7-9m
Installation Distance	15m	20m	25m	25m

XSY-EBM-30

351mm

752mm   50mm

256mm

224mm   76mm

XSY-EBM-40

351mm

1064mm   50mm

256mm

356mm   76mm

XSY-EBM-60

351mm

1276mm   50mm

256mm

408mm   76mm

XSY-EBM-80

351mm

1526mm   50mm

256mm

498mm   76mm

9m

8m

6m

4m

XSY-EBM30   XSY-EBM40   XSY-EBM60   XSY-EBM80

SOLAR LED STREET LIGHT **(LAMP BODY)**

SOLAR LED STREET LIGHT **(LAMP BODY)**
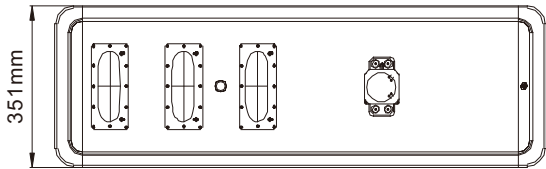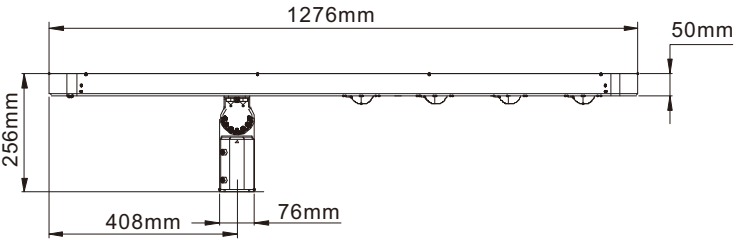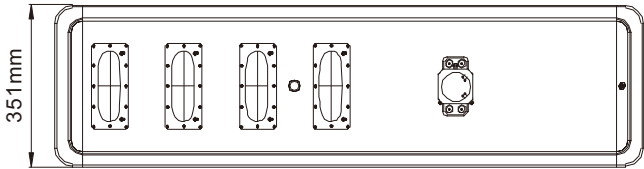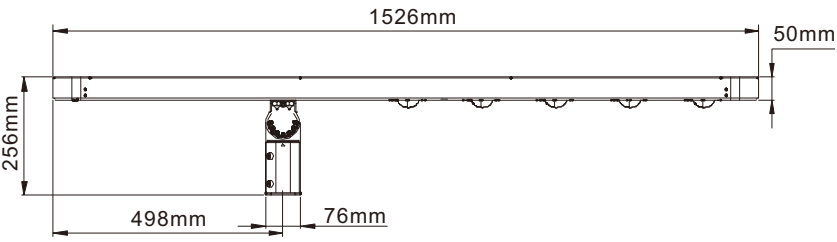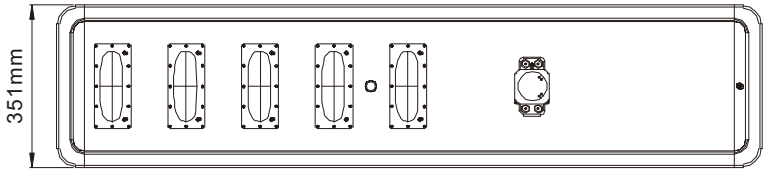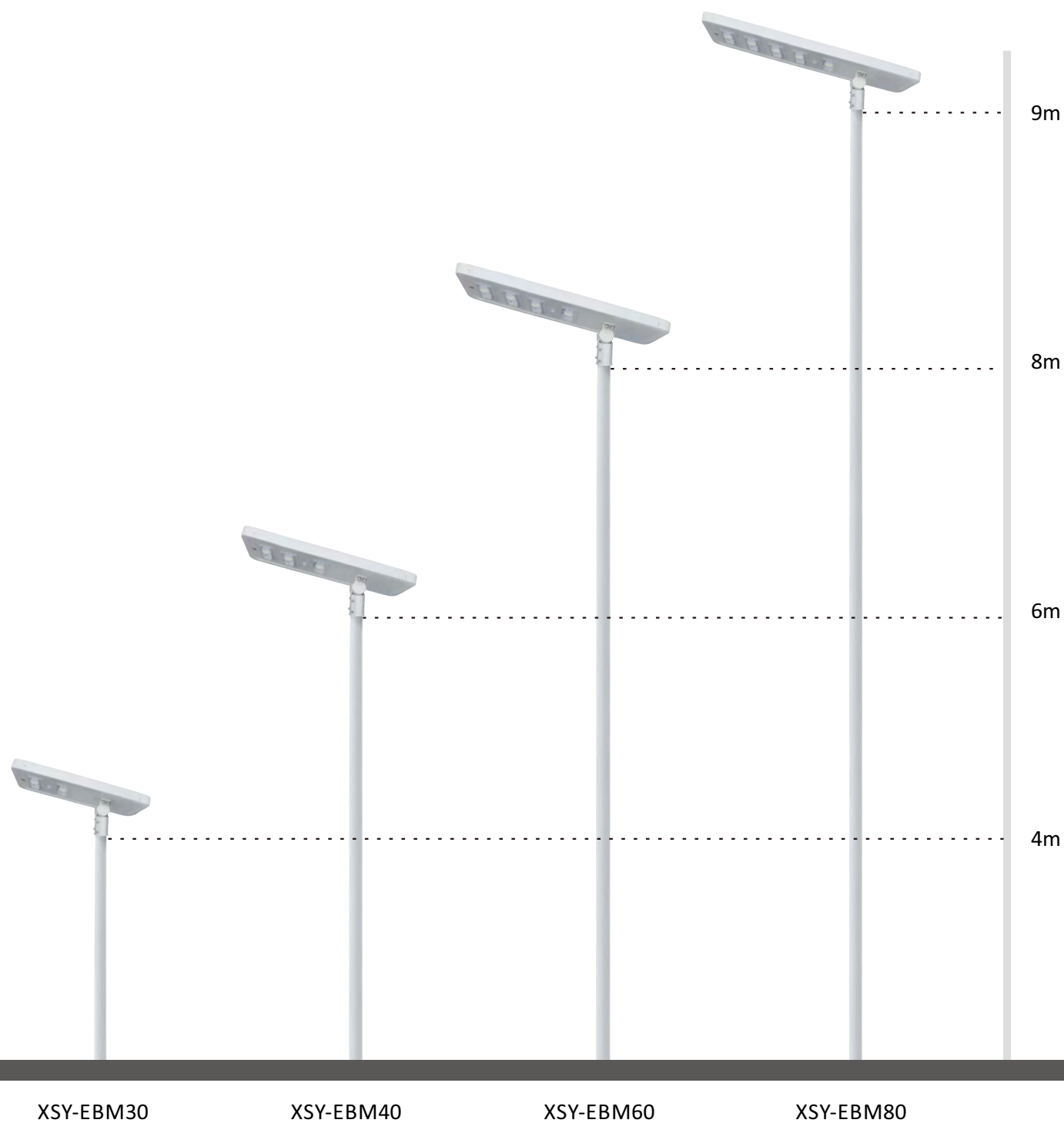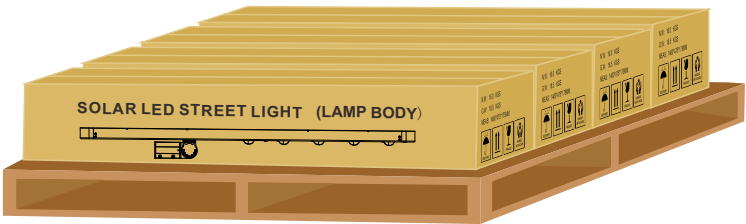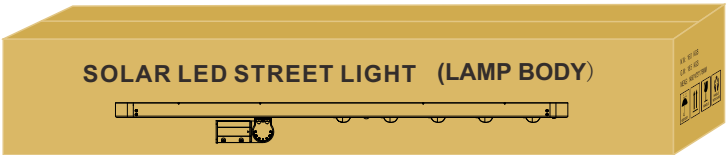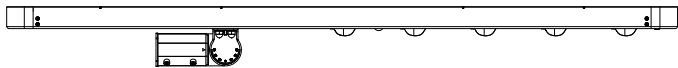
Model No.	XSY-EBM-30	XSY-EBM-40	XSY-EBM-60	XSY-EBM-80
Lamp Body	870×485×185mm	1180×485×185mm	1390×485×185mm	1640X485X185mm
N.W(KGS)	11.0	15.0	17.5	20.5
G.W(KGS)	13.0	17.5	19.5	23.5

Model No.	XSY-EBM-30	XSY-EBM-40	XSY-EBM-60	XSY-EBM-80
20GP	360 sets	240 sets	224 sets	216 sets
40GP	732 sets	504 sets	448 sets	372 sets
40HQ	854 sets	588 sets	528 sets	441 sets
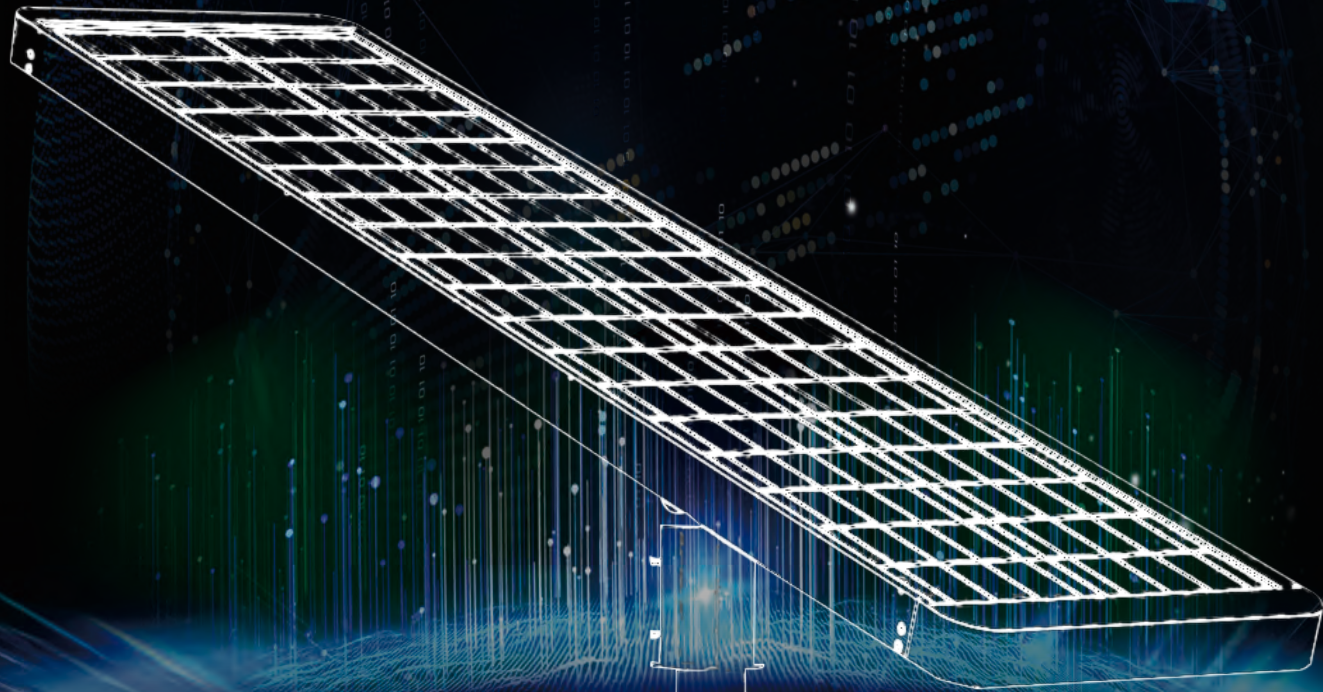
Our Mission
Professional solar street
lighting solution provider