



Solar Street Light LKAS Series

30W/40W/60W/80W/100W/120W/150W



IOT control



Remote control



Energy saving



Solar charging



High brightness



Microwave induction



Outdoor rainproof



High capacity battery

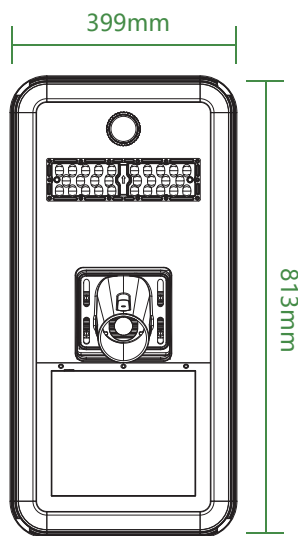


Die-cast aluminum

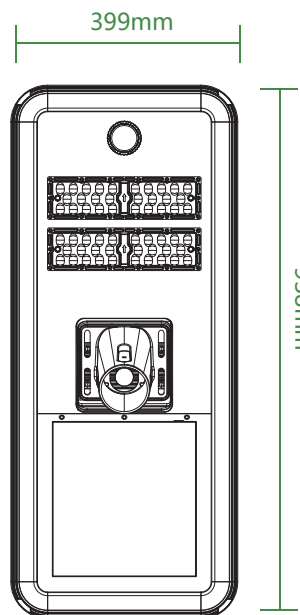


Long service life

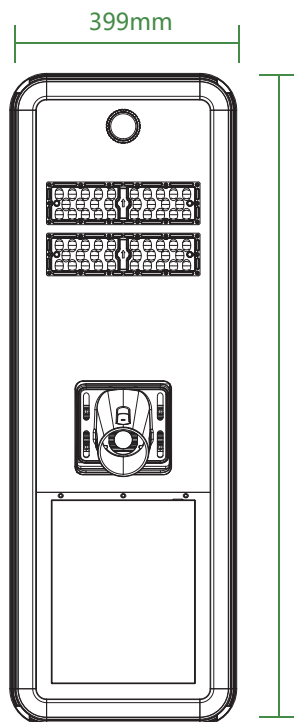
LKAS Series | Dimension



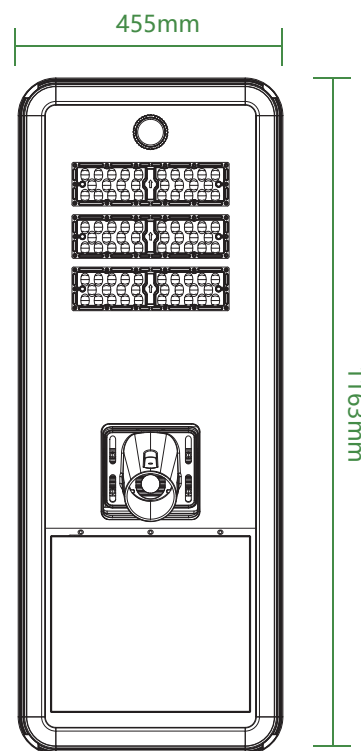
30W



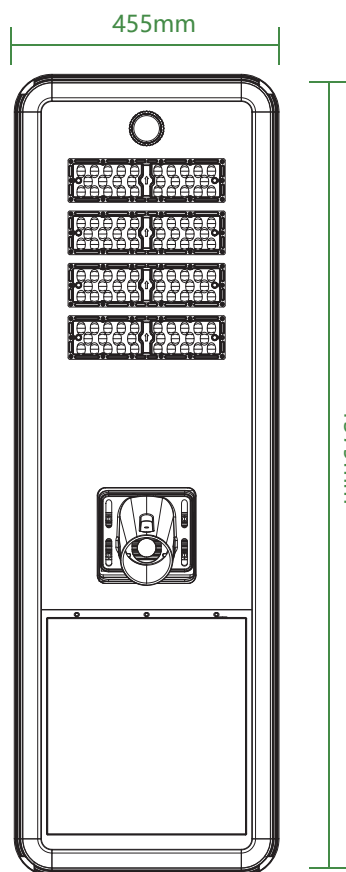
40W



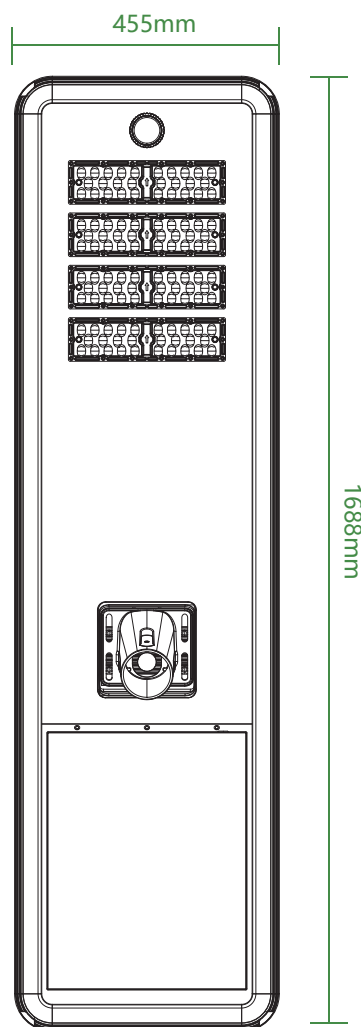
60W



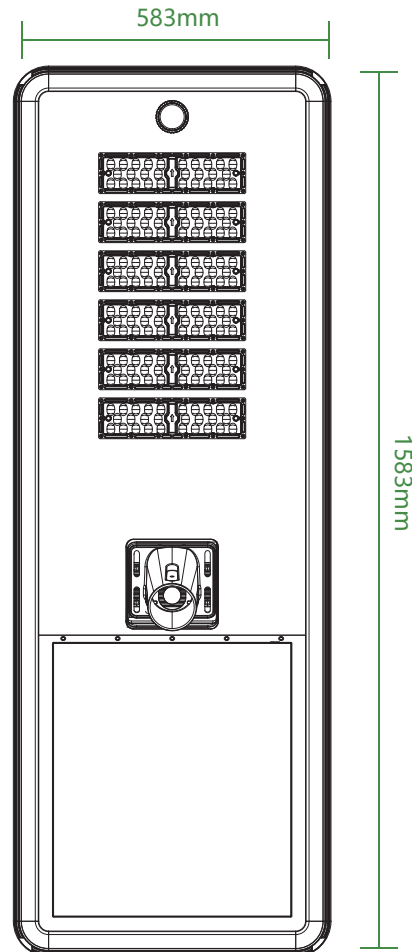
80W



100W



120W



150W

LKAS Series | Product features

1. Easy Installation & Maintenance

Simple setup with easily replaceable battery compartment

User-friendly design for convenient servicing

2. Long-Lasting Power Supply

High-performance Lithium LiFePO₄ battery

Provides reliable operation for 2-3 rainy days without sunlight

3. Premium Battery Performance

Brand new battery cells with:

- 3000 times, SOH/80%
- 8-10 year lifespan

4. Superior Lighting Performance

High-efficiency output up to 220 lm/W

Equipped with genuine 4 cores high efficiency

5. Advanced Solar Charging System

Monocrystalline silicon solar panels

Integrated MPPT controller for fast charging (5-7 hours)

Maximizes energy conversion efficiency

6. Exceptional Durability

50,000+ hour lifespan

Designed for long-term reliability

7. Optimal Light Quality

High-transmittance optical lens provides:

- Soft, uniform illumination
- Excellent light distribution
- Extended product longevity



LKAS Series | Function Introduction



LKAS Series | Remote Control



Angle adjustment:
15° / 20° / 25° / 30°

Effective sensing range :
15 meters

Remote control button description:

Mode A (Motion sensor):

6h with motion(100%)-no motion (30%)+4h(80%)
-no motion(20 %)+2h with motion (100%)-no motion(30%).

Mode B (Time controll):

1h(80%)+2h(100%) +1h(70%)+8h(30%)

Mode C (Time+sensor controll):

Time+sensor controll : 1h with motion(80%)
-no motion(80%)+3h with motion(100%)- no motion(100%)
+2h with motion(70%)-no motion(30%) +4h with motion(50%)
-no motion(10%)+2h with motion(70%)- no motion(20%).





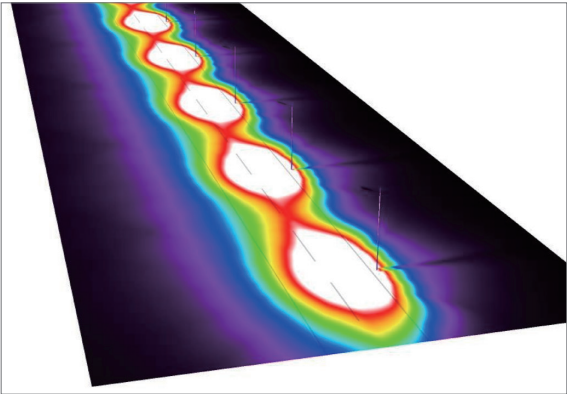
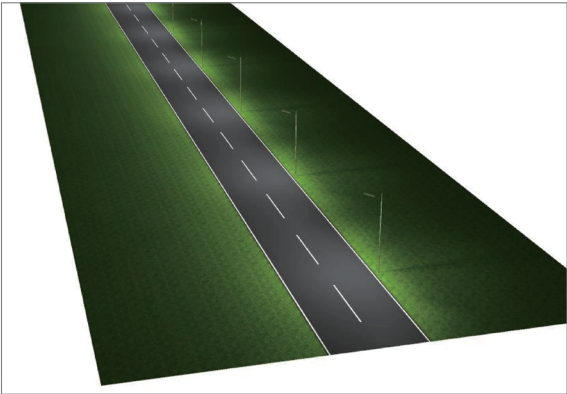
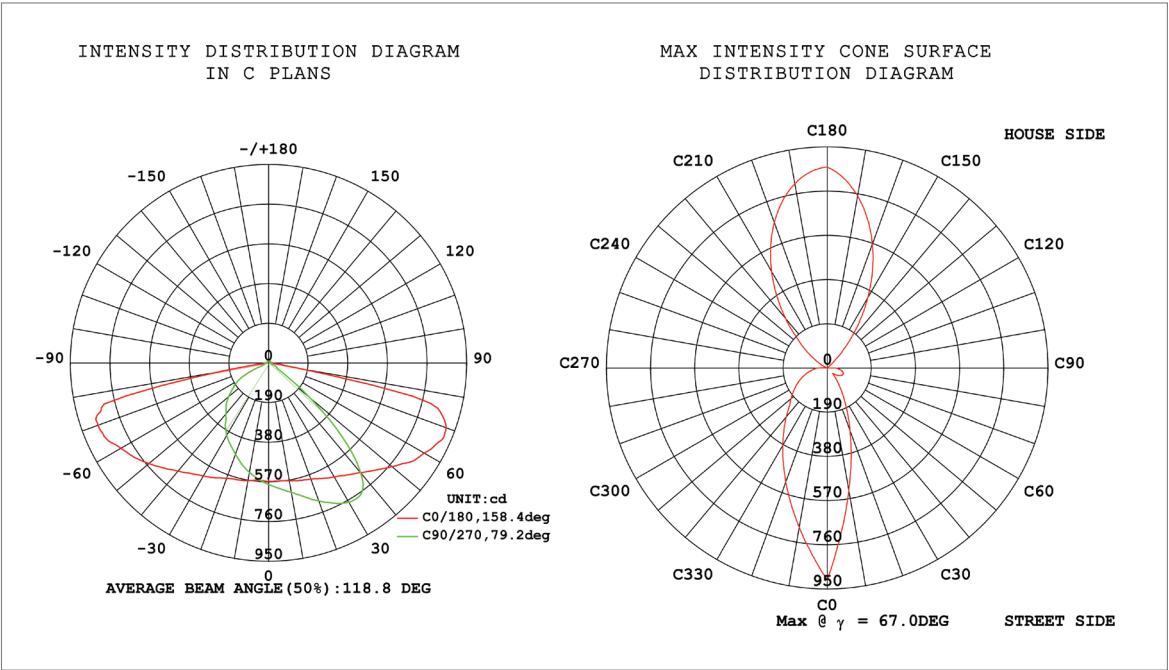
LKAS Series | Technical data

FCC / IEC60598 / IEC62722 / IEC62471 / LM79 / IK08

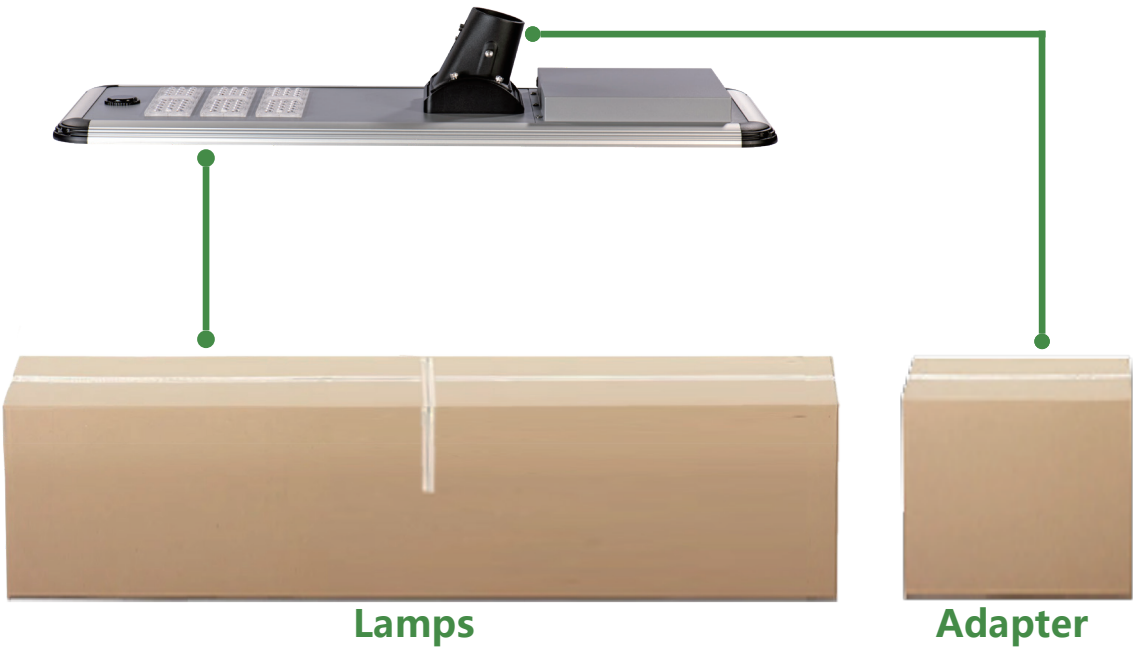


MODEL NUMBER	LKAS-30W	LKAS-40W	LKAS-60W	LKAS-80W	LKAS-100W	LKAS-120W	LKAS-150W
Power	30W	40W	60W	80W	100W	120W	150W
Solar Panel	18V/55W Mono	18V/67W Mono	18V/85W Mono	18V/100W Mono	18V/120W Mono	18V/150W Mono	18V/180W Mono
Battery	Lithium iron phosphate 3.2V,75AH, 240WH	Lithium iron phosphate 3.2V,105AH, 336WH	Lithium iron phosphate 12.8V,30AH, 384WH	Lithium iron phosphate 12.8V,45AH, 576WH	Lithium iron phosphate 12.8V,60AH, 768WH	Lithium iron phosphate 12.8V,75AH, 960WH	Lithium iron phosphate 12.8V,90AH,1152WH
LED	SMD5050, 28PCS	SMD5050, 56PCS	SMD5050, 56PCS	SMD5050, 84PCS	SMD5050, 112PCS	SMD5050, 112PCS	SMD5050, 140PCS
Component size	808*394*4mm	933*394*4mm	1142*394*4mm	1158*450*4mm	1375*450*4mm	1683*450*4mm	1513*578*4mm
Product Size	813*400*70mm	935*400*70mm	1143*400*70mm	1163*465*70mm	1380*465*70mm	1688*465*70mm	1585*585*70mm
Luminous Flux	6600LM	8800LM	13200LM	17600LM	22000LM	26400LM	33000LM
N.W.	10.3kg	11.6kg	13.4kg	15.8kg	18.6kg	21.8kg	28kg
Lamp post diameter	60/76mm						
CCT	2700-6500K						
Cycle life	3000 times, SOH/80%						
Optional lighting mode	Intelligent control + segmented time control						
Material	AL6063+ADC12+1060 pure aluminum						
Efficacy	220LM/W						
Charging time	4-6hours						
Protection grade	IP65						
Controller	MPPT controller + intelligent light control + time control + radar sensing						
Light angle	T2M:160*80°, T3S: 117*52°, T4S:140*110°, T5:150° Optional						
Temperature	-20-+65℃						
Discharge time	2-3 rainy days						
Installation Height Recommended	6-7m	7-8m	8-9m	9-10m	10-11m	11-12m	12-13m

LKAS Series | Light Distribution Curve



LKAS Series | Package



LKAS Series | Applications

- Road Lighting
- Industrial Parks roads
- Highways
- Urban street
- Countryside
- Sidewalk
- Car parks
- Mining operations

