



SOLAR LED LIGHT



lightwolf®
Ihr spezielles Licht

ISO CE IEC RoHS FC IP66 IK08 MSDS LM80 SALT SPRAY VIBRATION

All-in-One Solar LED Street Light Technical Data

PRODUCT PICTURE



The lamp works automatically based on day and night. It has three settings including motion sensor, time-control and internet control, to meet different requirements. There will be no need for unnecessary settings after installation. Compared to traditional solar street lights, it is much easier to install and transport, with a longer lifespan than lead-acid batteries and is also cheaper to maintain.

INTRODUCTION

The All-in-One solar LED street light is the newest technology for solar street lights. With its all-in-one design, its solar panel, LED lamp, lithium battery and charging controller are all integrated into one single body. With this new technology, there is no need for cables or any digging of underground spaces to store its battery. Installation can also be done very quickly. Additionally, this solar LED street light is comprised of the latest intelligent lighting system.



SPECIFICATION

Model NO.	LW-N4-40	LW-N4-60	LW-N4-80	LW-N4-100	LW-N4-120
LIGHTING					
Efficiency	175-185LM/W				
LED Chip	CREE 3030 (certified per IESNA LM-80 TM-21)				
CCT	3000K/4000K/5000K/5700K				
Lifespan	50 000 hours (12 years)				
Max power	40W	60W	80W	100W	120W
Typical Luminous Flux	4000-4800LM	6000-7200LM	8000-9600LM	10000-12000LM	12000-14400LM
Beam angle	80°x150°				
Working way	PIR Sensor/Microwave Sensor/Time Control				
PHOTOVOLTAIC PANEL					
Technology	Mono-crystalline photovoltaic panels				
Power of PV Module	50Wp	70Wp	100Wp	150Wp	180Wp
Lifespan	25 years				
BATTERY					
Technology	LiFePO4(Lithium Iron Phosphate)				
Lithium Battery	256WH	384WH	512WH	640WH	768WH
Autonomy	3 Rainy days				
Lifespan	12 years				
CHARGING CONTROLLER					
Technology	MPPT(Maximum Power Point Tracking)				
Lifespan	12 years				
GENERAL					
Dimensions	711*372* 84MM	1027*372* 84MM	1495*372* 84MM	1027*1117* 84MM	1495*1117* 84MM
Weight	10.4KG	13.5KG	17.8KG	22.7KG	27.5KG
IP	IP66				
Working Temperature	-20°C to +60°C				
Recommended Installation Height	4-6M	6-8M	7-9M	8-10M	10-12M
Recommended Installation Distance	15-25M	20-30M	25-35M	30-40M	35-45M
Recommended Diameter of Top mounting	55-65MM	55-65MM	55-65MM	55-65MM	55-65MM

All-in-Two Solar LED Street Light Technical Data

PRODUCT PICTURE



INTRODUCTION

The All-in-Two solar LED street light is similar to the all-in-one solar LED street light. With its all-in-two design, its solar panel, LED lamp, lithium battery and charging controller are all integrated into two bodies. It is also easy to install. The main advantage of the all-in-two is that the solar panel and LED lamp can be positioned in different directions. It meets all requirements related to the longitude and latitude requirements of different countries.

It has exactly the same intelligent lighting system as the all-in-one solution. The lamp works automatically based on day and night. It has three settings including motion sensor, time-control and internet control, to meet different requirements. There will be no need for unnecessary settings after installation. Compared to traditional solar street lights, it is much easier to install and transport, with a longer lifespan than lead-acid batteries and is also cheaper to maintain.



SPECIFICATION

Model NO.	LW-S4-40	LW-S4-60	LW-S4-80	LW-S4-100	LW-S4-120
LIGHTING					
Efficiency	165-175LM/W				
LED Chip	CREE 3030 (certified per IESNA LM-80 TM-21)				
CCT	3000K/4000K/5000K/5700K				
Lifespan	50 000 hours (12 years)				
Max power	40W	60W	80W	100W	120W
Typical Luminous Flux	4000-4800LM	6000-7200LM	8000-9600LM	10000-12000LM	12000-14400LM
Beam angle	60°x150°				
Working way	PIR Sensor/Microwave Sensor/Time Control				
PHOTOVOLTAIC PANEL					
Technology	Mono-crystalline photovoltaic panels				
Power of PV Module	50Wp	70Wp	100Wp	150Wp	180Wp
Lifespan	25 years				
BATTERY					
Technology	LiFePO4(Lithium Iron Phosphate)				
Lithium Battery	256WH	384WH	512WH	640WH	768WH
Autonomy	3 Rainy days				
Lifespan	12 years				
CHARGING CONTROLLER					
Technology	MPPT(Maximum Power Point Tracking)				
Lifespan	12 years				
GENERAL					
Dimensions	711*372* 84MM	1027*372* 84MM	1495*372* 84MM	1027*1117* 84MM	1495*1117* 84MM
Weight	12.4KG	15.1KG	19.6KG	24.0KG	28.8KG
IP	IP66				
Working Temperature	-20°C to +60°C				
Recommended Installation Height	4-6M	6-8M	7-9M	8-10M	10-12M
Recommended Installation Distance	15-25M	20-30M	25-35M	30-40M	35-45M
Recommended Diameter of Top mounting	55-65MM	55-65MM	55-65MM	55-65MM	55-65MM

All-in-One Solar LED Garden Light Technical Data

PRODUCT PICTURE



INTRODUCTION

The Solar LED garden light is designed with dual LED lamps at each end, which achieves two-sided lighting at the same time. With an all-in-one design, its solar panel, LED lamp, Lithium battery and charging controller are all integrated into one single body. With this technology there is no need for cables or electricity. It is easy to install and works automatically based on the time of day. It retains full brightness throughout the night and is a great choice for use in gardens or plazas.

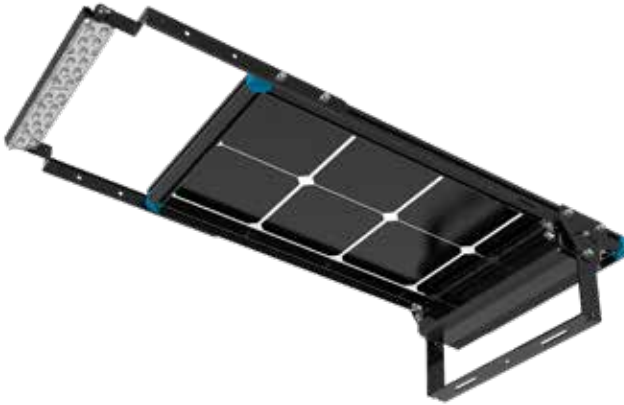
SPECIFICATIONS

Model NO.	LW-G1-20
LIGHTING	
Efficiency	185-195LM/W
LED Chip	CREE 3030 (certified per IESNA LM-80 TM-21)
CCT	3000K/4000K/5000K/5700K
Lifespan	50 000 hours (12 years)
Max power	20W
Typical Luminous Flux	2000-2400LM
Beam angle	60°/90°/90°x155°
Working way	100% brightness with 12 hours per day
PHOTOVOLTAIC PANEL	
Technology	Mono-crystalline photovoltaic panels
Power of PV Module	50Wp
Lifespan	25 years

Model NO.	LW-G1-20
BATTERY	
Technology	LiFePO4(Lithium Iron Phosphate)
Lithium Battery	384WH
Autonomy	3 Rainy days
Lifespan	12 years
CHARGING CONTROLLER	
Technology	MPPT(Maximum Power Point Tracking)
Lifespan	12 years
GENERAL	
Dimension	856*372*86MM
Weight	11.1KG
IP	IP66
Working Temperature	-20°C to +60°C
Recommended Installation Height	3-4M
Recommended Installation Distance	10-20M
Recommended Diameter of Top mounting	55-65MM

All-in-One Solar LED Billboard Light Technical Data

PRODUCT PICTURE



INTRODUCTION

As we may know, outdoor billboards are usually installed in areas where there is no electricity. In order to achieve the advertising purpose of billboards, billboards have to be illuminated. Our solar LED billboard light has been designed to meet this requirement.

With its all-in-one design, its solar panel, LED lamp, lithium battery and charging controller are all integrated into one single body. With this technology there is no need for cables or electricity. It is easy to install and works automatically based on the time of day. It retains full brightness throughout the night and is a great choice for outdoor advertisements.

SPECIFICATIONS

Model NO.	LW-B1-20
LIGHTING	
Efficiency	185-195LM/W
LED Chip	CREE 3030 (certified per IESNA LM-80 TM-21)
CCT	3000K/4000K/5000K/5700K
Lifespan	50 000 hours (12 years)
Max power	20W
Typical Luminous Flux	2000-2400LM
Beam angle	60°/90°/90°x155°
Working way	100% brightness with 12 hours per day
PHOTOVOLTAIC PANEL	
Technology	Mono-crystalline photovoltaic panels
Power of PV Module	50Wp
Lifespan	25 years

Model NO.	LW-B1-20
BATTERY	
Technology	LiFePO4(Lithium Iron Phosphate)
Lithium Battery	384WH
Autonomy	3 days
Lifespan	12 years
CHARGING CONTROLLER	
Technology	MPPT(Maximum Power Point Tracking)
Lifespan	12 years
GENERAL	
Dimension	933*372*84MM
Weight	10.9KG
IP	IP66
Work Temperature	-20°C to +60°C

All-in-One Solar LED Flood Light Technical Data

PRODUCT PICTURE



INTRODUCTION

This Solar LED Flood light has the same application as the normal LED flood lights, however it has a distinct advantage, as there is no need for cables or electricity. With its all-in-one design, its solar panel, LED lamp, lithium battery and charging controller are all integrated into one single body. It is easy to install and works automatically based on day and night. It retains full brightness throughout the night and is a great choice for various events that require flood lighting. In addition, it has three beam angles (60°/90°/90°x155°) for choice, which can meet all flood lighting requirements based on different applications.

SPECIFICATIONS

Model NO.	LW-F1-20
LIGHTING	
Efficiency	185-195LM/W
LED Chip	CREE 3030 (certified per IESNA LM-80 TM-21)
CCT	3000K/4000K/5000K/5700K
Lifespan	50 000 hours (12 years)
Max power	20W
Typical Luminous Flux	2000-2400LM
Beam angle	60°/90°/90°x155°
Working way	100% brightness with 12 hours per day
PHOTOVOLTAIC PANEL	
Technology	Mono-crystalline photovoltaic panels
Power of PV Module	50Wp
Lifespan	25 years

Model NO.	LW-F1-20
BATTERY	
Technology	LiFePO4(Lithium Iron Phosphate)
Lithium Battery	384WH
Autonomy	3 Rainy days
Lifespan	12 years
CHARGING CONTROLLER	
Technology	MPPT(Maximum Power Point Tracking)
Lifespan	12 years
GENERAL	
Dimension	799*372*90MM
Weight	10.6KG
IP	IP66
Work Temperature	-20°C to +60°C



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