

# MOONDANCE X120

## LITE SERIES LED SOLAR STREET LANTERN

### TECHNICAL DATA:

Lighting Parameters	
Lamp Power	120W
Luminous Efficiency	21000 lm
Color Temperature	3500K (Customizable)
Optical Distribution	Bat Wing
Beam Angle	150°*70° (Customizable)
CRI	>70
Life Time	>60000 Hours
Physical Parameters	
LED Lighting Source	3 Led Modules Design (5050 Led Chips)
Solar Panel	Mono Crystalline, 360W/36V
Lithium Battery	LifePO4 Lithium Iron Battery, 95AH/25.6V (2432WH)
Controller	Automatic ON/OFF High Efficiency Controller
PIR Motion Sensor	Excluded
Charging Time	4.5 Peak Sun Hours
IP Rate	IP66
Lamp Fixture	High Pressure Die Casting Aluminum Corrosion Resistant
Dimension of Product	2134*1112*118.5mm
Net Weight of Product	59 Kg + 5 Kg (Bracket)
Working Mode	
Working Hours per Night	12 Hours (4 Hours 100% + 2 Hours 60% + 6 Hours 40%)
Continues Rainy Days Backup	Autonomy 2 Days
Environment Requirements	
Charge Temperature	0-55°C
Discharge Temperature	-20~55°C
Storage Temperature	0-50°C
Installation Recommendations	
Installation Height	9-12 Meters
Spacing Distance	30-50 Meters

### WORKING MODE:

#### 12 Working hours per night

- 4 hours 100% brightness + 2 Hours 60% brightness + 6 hours 40% brightness



#### Continues Rainy Days Backup

- To keep the system working properly during continues rainy days, **MOONDANCE X120 LITE SOLAR** light have considered battery backup.

Weather	Day 1	Day 2
Weather		
Solor Light		

# MOONDANCE X80 . X100 . X120

## LITE SERIES LED SOLAR STREET LANTERN

#### PIR Motion Sensor (Optional)

Brightness will dim to 30%(optional) during periods of inactivity, and return to 100% when preseneis detected



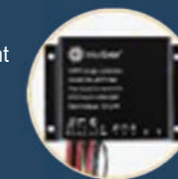
#### IP67 Extreme Bright LED Modules

UP to 170lm/W Extreme bright 5050 LED chips, Easy maintenance



#### Smart Controller

smart lighting management optimizes lighting output and extends battery lifespan



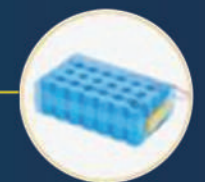
#### Solar Panel

Monocrystalline Solar, more than 20% charging efficiency



#### LifePO4 Lithium Battery

More than 5 years ifespan perfect high emperature & safety performance



#### IP66 Aluminium Battery Box

Waterproof sealing ring



Note: Specifications are subject to change without prior notice



#### Super Spruce Energy S/B 201401036393 (1112532-A)

No. 1 Block C, Lot 757, Jalan Subang 3, Taman Industrial Sg Penaga, 47610 Subang Jaya, Selangor Darul Ehsan. Tel: 03-8081 1326 / 7326 | Fax: 03-8081 5326 | Email: sales@onirii.com.my

# MOONDANCE X80

## LITE SERIES LED SOLAR STREET LANTERN

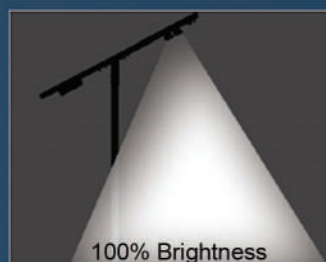
### TECHNICAL DATA:

Lighting Parameters	
Lamp Power	80W
Luminous Efficiency	14000 lm
Color Temperature	3500K (Customizable)
Optical Distribution	Bat Wing
Beam Angle	150°*70° (Customizable)
CRI	>70
Life Time	>60000 Hours
Physical Parameters	
LED Lighting Source	2 Led Modules Design (5050 Led Chips)
Solar Panel	Mono Crystalline, 250W/36V
Lithium Battery	LifePO4 Lithium Iron Battery, 50AH/25.6V (11280WH)
Controller	10A MPPT Controller
PIR Motion Sensor	Excluded
Charging Time	4.5 Peak Sun Hours
IP Rate	IP66
Lamp Fixture	High Pressure Die Casting Aluminum Corrosion Resistant
Dimension of Product	1720*1070*118.5mm
Net Weight of Product	55 Kg + 5 Kg (Bracket)
Working Mode	
Working Hours per Night	12 Hours (6 Hours 100% + 6 Hours 40%)
Continues Rainy Days Backup	Autonomy 2 Days
Environment Requirements	
Charge Temperature	0-55°C
Discharge Temperature	-20~55°C
Storage Temperature	0-50°C
Installation Recommendations	
Installation Height	9-12 Meters
Spacing Distance	30-50 Meters

### WORKING MODE:

#### 12 Working hours per night

- 6 hours 100% brightness + 6 Hours 40% brightness



#### Continues Rainy Days Backup

- To keep the system working properly during continues rainy days, MOONDANCE X80 LITE SOLAR light have considered battery backup

Weather	Day 1	Day 2	Day 3
Weather			
Solor Light			

# MOONDANCE X100

## LITE SERIES LED SOLAR STREET LANTERN

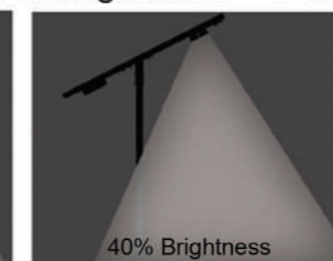
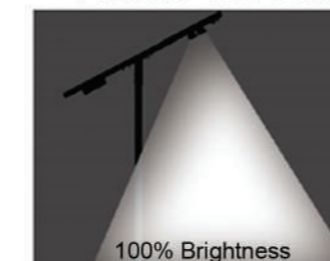
### TECHNICAL DATA:

Lighting Parameters	
Lamp Power	100W
Luminous Efficiency	17500 lm
Color Temperature	3500K (Customizable)
Optical Distribution	Bat Wing
Beam Angle	150°*70° (Customizable)
CRI	>70
Life Time	>60000 Hours
Physical Parameters	
LED Lighting Source	3 Led Modules Design (5050 Led Chips)
Solar Panel	Mono Crystalline, 280W/36V
Lithium Battery	LifePO4 Lithium Iron Battery, 60AH/25.6V (1536WH)
Controller	Automatic ON/OFF High Efficiency Controller
PIR Motion Sensor	Excluded
Charging Time	4.5 Peak Sun Hours
IP Rate	IP66
Lamp Fixture	High Pressure Die Casting Aluminum Corrosion Resistant
Dimension of Product	2080*670*118.5mm
Net Weight of Product	55 Kg + 5 Kg (Bracket)
Working Mode	
Working Hours per Night	12 Hours (4 Hours 100% + 2 Hours 60% + 6 Hours 40%)
Continues Rainy Days Backup	Autonomy 2 Days
Environment Requirements	
Charge Temperature	0-55°C
Discharge Temperature	-20~55°C
Storage Temperature	0-50°C
Installation Recommendations	
Installation Height	9-12 Meters
Spacing Distance	30-50 Meters

### WORKING MODE:

#### 12 Working hours per night

- 4 hours 100% brightness + 2 Hours 60% brightness + 6 Hours 40% brightness



#### Continues Rainy Days Backup

- To keep the system working properly during continues rainy days, MOONDANCE X100 LITE SOLAR light have considered battery backup.

Weather	Day 1	Day 2
Weather		
Solor Light		