



LUXMAN Solar Floodlight – a truly eco-friendly lighting solution that operates entirely on solar power, eliminating the need for a connection to the power grid. Its easy installation process makes it a versatile choice for various applications, including residential yards, building exteriors, community spaces, industrial parks, and fencing. Enjoy the convenience and reliability of sustainable lighting with LUXMAN!







## **Discharge duration**

8 hours per night, 2 rainy days

High Brightness High lumen efficiency Leds, providing a reliable 18 hours of lighting after dark

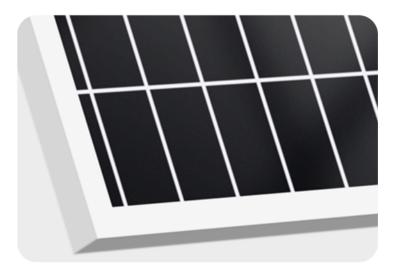




Aluminum alloy material



High lumen LEDs



Polycrystalline solar panel



Lithium iron phosphate battery

A Great Company should always pay the highest attention to every detail of design, and the craftsmanship spirit should be filled in the whole design process and mass production.

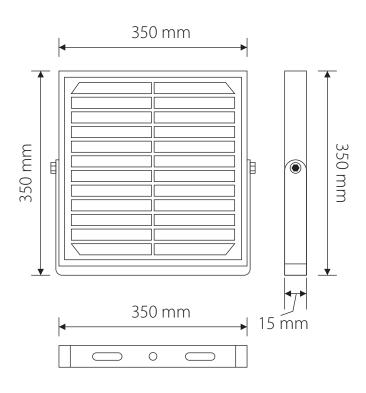
Item	LX-FLNS-1200	LX-FLNS-1800	LX-FLNS-2400
Luminaire Specification			
Colour Temperature	8000-9000K	8000-9000K	8000-9000K
Maximum luminous flux	1200LM	1800LM	2400LM
Colour Rendering Index	Ra 70	Ra 70	Ra 70
LED Lifetime	50,000hours	50,000hours	50,000hours
Luminaire Efficiency	150lm/W	150lm/W	150lm/W
Beam Angle	120°	120°	120°
Halogen replacement power	100W	200W	300W
IP Rating	IP65	IP65	IP65
IK Rating	IK08	IK08	IK08
Operation Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Maximum LED Power	10W	16W	20W
Lamp Dimension	267*190*46mm	310*208*46mm	337*260*46mm
Solar Panel Specification			
Maximum Solar Panel Power	18W	25W	30W
Maximum Voltage	6V	6V	6V
Solar Panel Type	Polycrystalline	Polycrystalline	Polycrystalline
Dimension	415*410*75mm	505*420*75mm	590*420*75mm
Weight	1.6Kg	2Kg	2.3Kg
Battery Specification			
Battery Type	LiFEPO4	LiFEPO4	LiFEPO4
Capacity(Wh)	64WH	80WH	96WH
Capacity(Ah)	20AH	25AH	30AH
Nominal Voltage	3.2V	3.2V	3.2V
Discharge cycles	2500 times	2500 times	2500 times
Operation Temperature	-20℃~60℃	-20℃~60℃	-20°C~60°C

#### LX-FLNS-1200

# 267 mm 267 mm 196.1 mm 196.1 mm

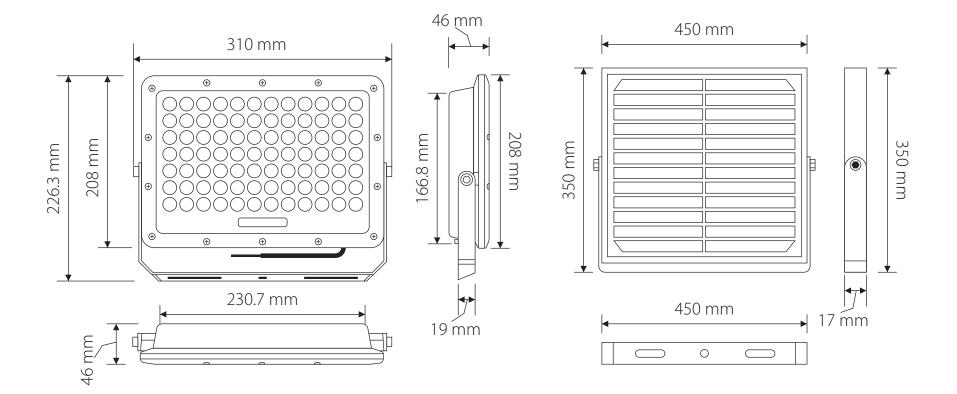
267x207.3x19

#### Solar panel



#### LX-FLNS-1800

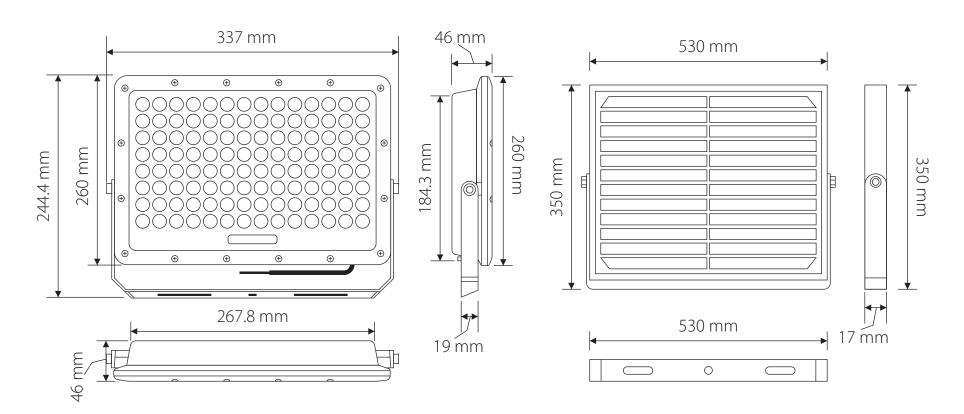
#### Solar panel



310x226.3x46mm

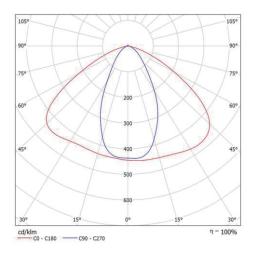
#### LX-FLNS-2400

#### Solar panel



337x244.4x46mm

#### **FOTOMETRIA**



Luminous Angle 140° x 70° See our luminaire catalog for an image of theluminaire.

