

Product Description:

The SOLAR-X3 series is AGL's 3rd generation solar powered LED fixture with improved battery and solar panels. The SOLAR-X3 has monocrystalline solar panels to achieve higher conversion efficiency. The new Prismatic LifePo4 battery is high temperature resistant with a longer lifespan and is housed in a detachable IP66 waterproof battery box. The streamlined design provides a more modern look and better wind resistance. For additional questions or inquiries, please contact our sales team for details!

Features:

- **Housing:** 6063 Stretch Aluminum
Extra Battery: Steel
- **Mounting:** Pole Mount (2.36"/60 mm)
- **Warranty:** 3 Years
- **Battery Life:** 8 years
- **LED Source:** Seoul 3030 / 5050
- **Operating Temp:** -4°F ~+ 140°F



SOLAR-X3-100W



SOLAR-X3-100W

Technical Data:

Certifications	CE
CRI	≥ 75
IP Rating	IP66 / IK08
CCT	4000K-5700K
Beam Angle	TYPE II (65W-130W only) / III
Charging Time	7-9 hrs
Daylight Sensor	Auto Turn-On when the light levels are below 10 lux. Auto Turn-Off when light levels are above 50 lux.
DIM Mode (Default Setting)	First 3 hrs: full brightness Last 9 hrs in DIM mode: * 60% brightness when motion is detected * 30% brightness when no motion is detected
Working Time	At full charge, the battery can last 36 hours at the default DIM settings (or 18 hours if at full 100% brightness continuously)

Outdoor Conditional Illumination Chart

Conditions	footcandles	lux
Sunlight	10,000	107,527
Full Daylight	1,000	10,752
Overcast Day	100	1,075
Very Dark Day	10	107
Twilight	1	10
Deep Twilight	0.1	1.08
Full Moon	0.01	0.108
Quarter Moon	0.001	0.0108
Starlight	0.0001	0.0011
Overcast Night	0.00001	0.0001

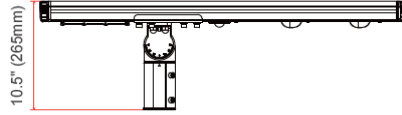
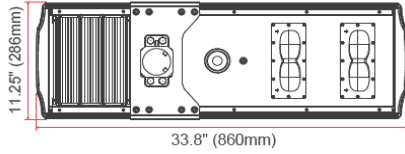
Specifications:

Fixture Model	Total Lumens	Solar Panel Power	Battery Work Hours	Dimensions (inches)	Weight (lbs)	Installation Height (ft)
SOLAR-X3-36W	4,000 lm	36W	170 WH	33.8 x 11.25 x 10.5	28.6	13-16
SOLAR-X3-65W	6,000 lm	65W	320 WH	37.4 x 16.5 x 6.89	35.2	13-19
SOLAR-X3-100W	11,000 lm	100W	640 WH	56.7 x 16.5 x 6.89	52.8	19-26
SOLAR-X3-130W	15,000lm	130W	960 WH	69.6 x 16.5 x 6.25	70.4	23-29

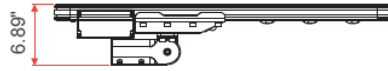
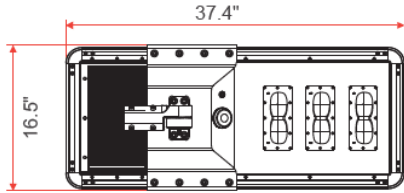
*Maximum Mounting Height for Motion Sensor: 26 ft

Dimensions:

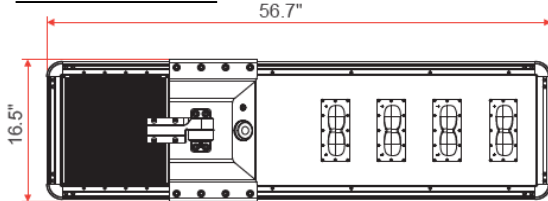
SOLAR-X3-36W



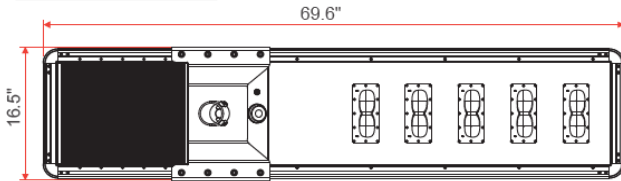
SOLAR-X3-65W



SOLAR-X3-100W

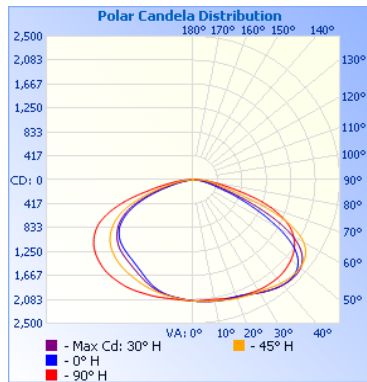


SOLAR-X3-130W



Photometrics:

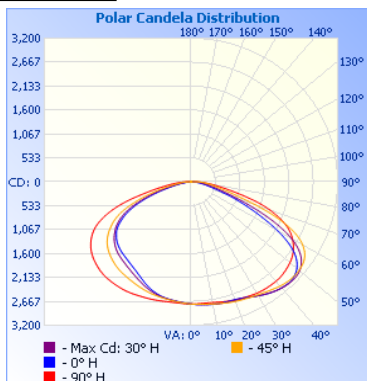
SOLAR-X3-100W



	Illuminance at a Distance	
	Center Beam fc	Beam Width
9.7ft	22.4 fc	38.6 ft 43.9 ft
19.3ft	5.66 fc	76.8 ft 87.3 ft
29.0ft	2.51 fc	115.4 ft 131.1 ft
38.7ft	1.41 fc	154.0 ft 175.0 ft
48.3ft	0.90 fc	192.3 ft 218.4 ft
58.0ft	0.63 fc	230.9 ft 262.3 ft

■ Vert. Spread: 126.6°
■ Horiz. Spread: 132.3°




SOLAR-X3-130W



	Illuminance at a Distance	
	Center Beam fc	Beam Width
9.7ft	28.9 fc	38.6 ft 43.9 ft
19.3ft	7.31 fc	76.8 ft 87.3 ft
29.0ft	3.24 fc	115.4 ft 131.1 ft
38.7ft	1.82 fc	154.0 ft 175.0 ft
48.3ft	1.17 fc	192.2 ft 218.4 ft
58.0ft	0.81 fc	230.9 ft 262.3 ft

■ Vert. Spread: 126.6°
■ Horiz. Spread: 132.3°

EPA Rating:

Configuration	Single
<u>SOLAR-X3-65W</u>	
Weight(Lbs.)	38.69
EPA(Sq.Ft)	5.02
Configuration	Single
<u>SOLAR-X3-100W</u>	
Weight(Lbs.)	56.11
EPA(Sq.Ft)	7.62
Configuration	Single
<u>SOLAR-X3-130W</u>	
Weight(Lbs.)	66.43
EPA(Sq.Ft)	9.36



Ordering Guide:

SOLAR-X3-100W	GR	Pole	T2	50K	DIM Mode
Lumens: 36W 65W 100W 130W	Color: GR: Gray (RAL #7044)	Mounting: Pole Mount (2.36"/60mm Diameter Round Pole)	Beam Angle: T2: Type-II (65W-130W only) T3: Type-III	CCT: 40K 50K 57K	Default Setting: DIM MODE First 3 hrs: full brightness Last 9 hrs in DIM mode: * 60% brightness when motion is detected * 30% brightness when no motion is detected

The DIM MODE cannot be changed after production. If you require different