

# SunMotion

## INTELLIGENT SOLAR LIGHTING

for parking lots, public parks and large areas.



The “**SunMotion**” solar led lighting fixture combine the latest in LED lighting technology from Philips Lumileds, infrared motion sensor, solar module and battery into a single compact and stylish housing. There is no wiring or electrical connections. Installation is fast, easy and secure.

The “**SunMotion Classic**” models are designed to operate at dusk for 2 to 16 hours depending on models, after which the PIR occupancy sensor reactivates the light when presence is detected in a 25 feet radius.

The “**SunMotion Dimming**” models are designed to operate in three modes; high, medium and low intensity. At dusk, the lighting fixture turns on at low intensity. When presence is detected, the light goes into high intensity mode. After 4, 6, or 8 hours of operation, the light turns off and is reactivated at medium intensity only when presence is detected.

### FEATURES & ADVANTAGES

- Solar powered outdoor lighting;
- Turns ON automatically after sundown;
- Integrated motion detector, 360° degrees;
- Flexible programming according to your needs;
- No power cables or wiring needed;
- 4 days autonomy without sunlight;
- 50 000 hours maintenance free LED operation;
- Uses GEL cell latest battery technology, designed for outdoor harsh environment;
- Quick, easy and safe installation.

### APPLICATIONS

- Public parks;
- Walking paths;
- Bicycle paths;
- Boardwalks;
- Bus shelters;
- Parking lots;
- Remote areas.



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SPECIFICATIONS	SUNMOTION SERIES															
	DIM 2820	DIM 3525	DIM 4230	DIM 4935	DIM 5640	DIM 6345	CL 1200	CL 1410	CL 2115	CL 2820	CL 3525	CL 4230	CL 4935	CL 5640	*CL 6345	*CL 7680
Lumens (Dimming Models)	2820	3525	4230	4935	5640	6345	-	-	-	-	-	-	-	-	-	-
Lumens (Classic Models)	-	-	-	-	-	-	1200	1410	2115	2820	3525	4230	4935	5640	6345	7680
Integrated motion detection	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Operating hours during the night	8	6	6	4	4	4	16	12	8	6	5	4	3	3	3	2
Power (Watt)	28W	35W	42W	49W	56W	63W	12W	14W	21W	28W	35W	42W	49W	56W	63W	77W
Color Temperature(°K)	4100°K															
CRI (Color Rendering Index)	70															
DEL Lifespan	50 000 hours															
Motion detector radius	25 feet (7.5 meters)															
Motion detector time delay	Ajustable : 30 seconds to 30 minutes															
Recommended Mounting height	18 to 25 feet (5,5 to 7,5 meters)															
Recommended spacing factor	5,5 x Mounting height															
Battery type	Deep cycle : GEL cell															
Battery Overcharge/ Discharge protection	YES															
Autonomy (number of days without sunlight)	4 days															
Operating temperature range	-30°C +70°C															
Body material / Coating	Aluminium / Polyester Powder Coating															
Dimensions - LxPxH - po (mm)	40" x 21" x 12" (1016 x 548 x 305mm)															
Pole Mounting inches (mm)	Top of pole installation, Maximum outer diameter: 5" (127mm)															
Weight - lb (Kg)	82 lbs (37 Kg)															
Warranty	5 years															

\* Classic 6345 et 7680 models works on motion detection only.



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