

# EVERGEN<sup>®</sup> M

SOLAR LIGHTING SYSTEM  
With AEL Autobahn ATB Micro & ATB0

Sol<sup>®</sup>  
by Sunna Design<sup>®</sup>

In partnership with  
**AcuityBrands**

## COST EFFECTIVE

Completely off grid solution.  
Can be installed anywhere without  
the need for trenching or cabling.



## HIGH QUALITY

87% of the components used in our  
lights are manufactured in America,  
built to last with quality materials.



## REMOTE MONITORING

Lights that tell you when and where  
they need attention.



Compatible with the Autobahn  
Series ATB0 and ATB Micro.  
Custom-sized to match the ATB  
Performance Packages

## MEETS IES STANDARDS

The EverGen meets required light  
levels while avoiding unnecessary  
health and environmental impacts.



# 3

## STEPS

### WE TAKE TO GUARANTEE OUR EVERGEN WILL PERFORM AS PROMISED

# 01

Engineer a system that meets  
required light levels. We  
design it smart, not large, to  
ensure cost saving.

# 02

Build it tough to withstand  
heat, cold, wind and moisture.  
We offer a 10-year standard  
warranty.

# 03

Accurately size for each  
location, including 4+ days of  
battery autonomy. This ensures  
reliable, year round operation.



LEDxperience<sup>®</sup> a Villar Trade LLC Brand | [www.ledxperienceusa.com](http://www.ledxperienceusa.com) | [contact.ledx@ledxperienceusa.com](mailto:contact.ledx@ledxperienceusa.com) | 2001 Ramrod Ave Ap 1511

Henderson | NV | 89014 | USA | +1 7029177894

SOLAR PANEL	1 Battery		2 Batteries		3 Batteries		4 Batteries	
	EPA (sq ft)	Weight (lbs)	EPA (sq ft)	Weight (lbs)	EPA (sq ft)	Weight (lbs)	EPA (sq ft)	Weight (lbs)
Single	7.33	145	8.18	215	8.18	273	8.18	331
Double	14.67	174	15.52	243	15.52	301	15.52	360

\* Luminaire and arm not included. System weight and EPA will vary based on the number and type of both fixtures and batteries. The chart above is for reference only. Sol provides a calculated EPA and weight when a system is quoted and submitted

#### SYSTEM DATA

Colors	Aluminum/silver (natural finish), black, bronze. Custom RAL colors available upon request.
Materials	Grade A corrosion resistant aluminum for panel mounts and battery enclosure. Steel and aluminum poles available.
Security	Batteries mounted at the top of the pole to reduce theft and vandalism. Security bolts used to fasten cover.
Pole Ten on	3.5" (88.9mm) O.D. x 6" (152.4mm)
Panel Quantity	1-2 based on sizing

#### CONTROLLER

Monitoring	Insight remote monitoring package
Charging Type	MPPT
LED Fixture Power	Via integrated onboard high-efficiency driver
Operating profile Options	Dusk-to-dawn 100% power, various dimmed profiles
Day/Night Transition	Via solar panels

#### BATTERY

Type	Maintenance-free valve regulated lead acid; spill-proof, leak-proof.
Standard Options	Gel Technology Group 27 (5-year)
Extended Life Options	Pure Lead AGM Technology Group 31 (10-year)
Quantity	1-4 based on sizing

#### WARRANTY (See warranty documentation for more details)

Electronics	10 years
Battery	5-year warranty on Standard battery
	Up to 10-year extended-life battery Upgrades available
Fixture	Manufacturer's Warranty
Pole	Lifetime (excluding finish)
Hardware	10 years

#### EVERGEN<sup>®</sup> ENERGY MANAGEMENT SYSTEM

The EverGen<sup>®</sup> ensures bright, reliable light Output and healthy, high-functioning lighting systems with low-maintenance operation and remote monitoring.

- Bluetooth<sup>®</sup> wireless technology and setup app for simple and secure setup
- System health notifications via SOL Insight if an EverGen isn't working as expected
- Programmed by Sol based on your project requirements
- Flexible operating modes (dusk-to-dawn, split night with dimming)
- Integrated MPPT charging and LED driving system reduces system failures, overall system complexity and cost
- Integrated surge protection and noise reduction
- Keyed connectors for simple and reliable assembly
- Temperature compensated and MPPT controlled battery charging to maximize battery life and energy collection
- Rugged solid State design ensures long life and no maintenance
- 10-year limited warranty

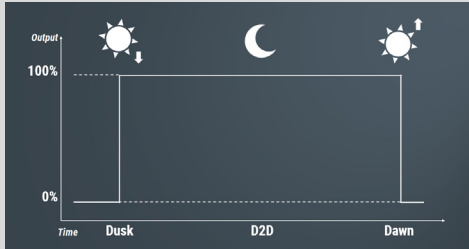
US and International patents apply. Other patents pending. «Sol» logo is a trademark of Sunna Design, Inc. All Sol products are manufactured in facilities that are certified to ISO quality standards.

The Bluetooth<sup>®</sup> word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Sol is under license. Other trademarks and trade names are those of their respective owners.

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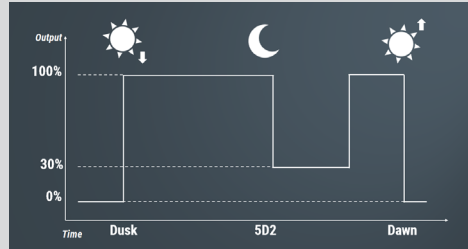


## EVERGEN<sup>®</sup> M OPERATING PROFILES



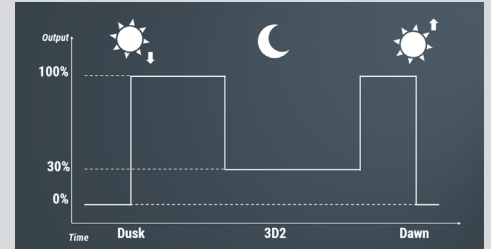
**Dusk to Dawn (D2D)**

On at dusk at 100% lumen output - then off at dawn.



**Five Dim Two (5D2)**

100% at dusk for 5 hours - then dim to 30% -then 100% for 2 hours before dawn.



**Three Dim Two (3D2)**

100% at dusk for 3 hours - then dim to 30% then 100% for 2 hours before dawn.

The table shows the sustainable profile option an EverGen<sup>®</sup> M can provide in a given city for each Performance package.

### ////// ATB MICRO SOLAR



CITY	Seattle	San Francisco	Los Angeles	Phoenix	Albuquerque	Dallas	Denver	Atlanta	Indianapolis	Miami	Philadelphia
<b>P101</b>	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D
<b>P102</b>	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D
<b>P103</b>	5D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	5D2	D2D	D2D
<b>P104</b>	5D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	5D2	D2D	D2D
<b>P105</b>	3D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	5D2	D2D	5D2
<b>P106</b>	3D2	5D2	D2D	D2D	D2D	D2D	D2D	5D2	5D2	D2D	5D2
<b>P151</b>	5D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D	D2D
<b>P152</b>	5D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	5D2	D2D	D2D
<b>P153</b>	5D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	5D2	D2D	5D2
<b>P154</b>	3D2	5D2	D2D	D2D	D2D	5D2	5D2	5D2	3D2	D2D	5D2
<b>P155</b>		5D2	D2D	D2D	D2D	5D2	5D2	5D2	3D2	5D2	3D2
<b>P156</b>		5D2	5D2	D2D	5D2	5D2	5D2	5D2	3D2	5D2	3D2

3D2

### ////// ATBO SOLAR



CITY	Seattle	San Francisco	Los Angeles	Phoenix	Albuquerque	Dallas	Denver	Atlanta	Indianapolis	Miami	Philadelphia
<b>P201</b>	5D2	D2D	D2D	D2D	D2D	D2D	D2D	D2D	5D2	D2D	D2D
<b>P202</b>	3D2	5D2	D2D	D2D	D2D	D2D	5D2	5D2	5D2	D2D	5D2
<b>P203</b>		3D2	5D2	5D2	5D2	5D2	5D2	5D2		5D2	3D2
<b>P204</b>		3D2	5D2	5D2	5D2	3D2	3D2	3D2		5D2	
<b>P205</b>			3D2	3D2	5D2	3D2	3D2			3D2	



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