360 Solar Lighting™

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710 Armstrong Dr.
Buffalo Grove, IL 60089

360 Solar Lighting™

a DUVON™ Company

Smarter. Brighter. Stronger.

As experts in solar street lights, solar area lights, solar bollards, and customized solar lighting systems, we are committed to setting a new standard in the solar lighting market. Our products are engineered to provide reliable lighting in outdoor spaces, enhance safety, and promote sustainability.

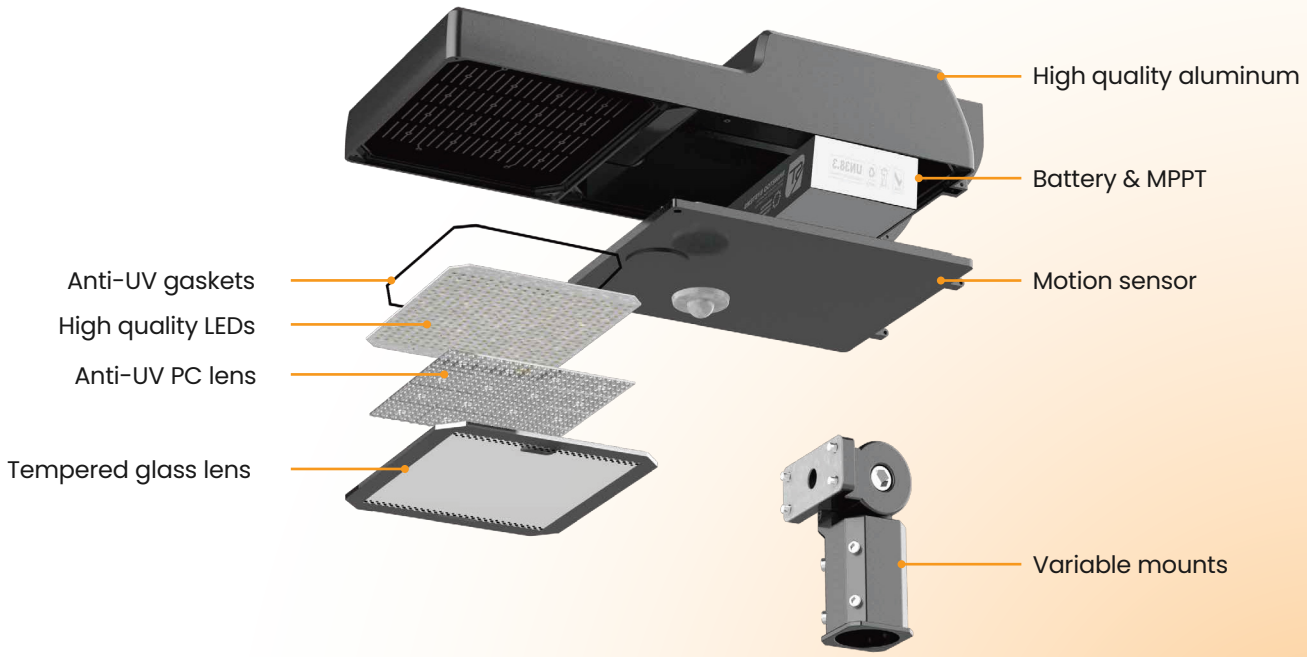
BUY AMERICAN ACT COMPLIANT

Specifications subject to site conditions and engineering requirements. Additional wattage configurations available upon request. Specifications represent our standard configuration; customization is available. Full spec sheets provided separately.

APOLLO LED LIGHT SOLUTION

Apollo is a modular LED streetlight head engineered to mount directly to the Juno, Hera, and Titan solar poles, 150–190 lm/W output, and a 50,000-hour rated life.

Model	LED Type	Wattage	CCT	CRI	lm/W
DV-LSL-20W	Philips / Nichia	20W	4000K	>70RA	170-190
DV-LSL-30W	Philips / Nichia	30W	4000K	>70RA	170-190
DV-LSL-40W	Philips / Nichia	40W	4000K	>70RA	170-190
DV-LSL-50W	Philips / Nichia	50W	4000K	>70RA	170-190
DV-LSL-70W	Philips / Nichia	70W	4000K	>70RA	160-190
DV-LSL-100W	Philips / Nichia	100W	4000K	>70RA	160-190
DV-LSL-120W	Philips / Nichia	120W	4000K	>70RA	150-190
DV-LSL-150W	Philips / Nichia	150W	4000K	>70RA	150-190



APOLLO

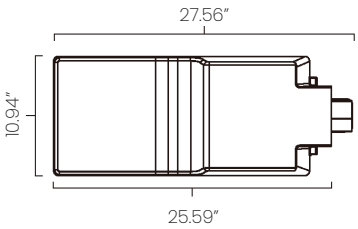
Apollo is available in various wattage models, delivering high-efficiency Philips/Nichia LEDs at 150–190 lm/W. All models share the same durable aluminum body and tempered glass lens, delivering uniform 4000K light with >70Ra color rendering. Designed to mount directly to **Juno, Hera, and Titan** vertical solar poles. Apollo installs fast making it a flexible, universal light head for streets, parks, and commercial spaces.

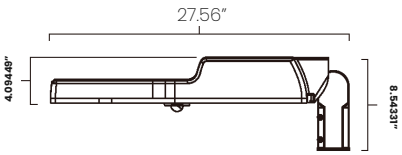
Warranty:
50,000-hrs

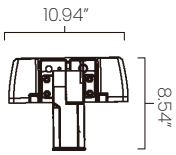
Mounting:
Tool-assisted

Dimensions:
Identical

Output:
150-190 LM/W







HERA SOLAR PANEL

Vertical HPBC solar modules designed for Hera light poles, size varies. Options ranging from 100Wp–600Wp output with rugged TPT backplane, tempered glass, IP66 rating.

- High-efficiency HPBC mono cells
- UV-resistant, anti-corrosion tempered glass
- TPT Backplane + Tempered Glass
- Hexagonal Design

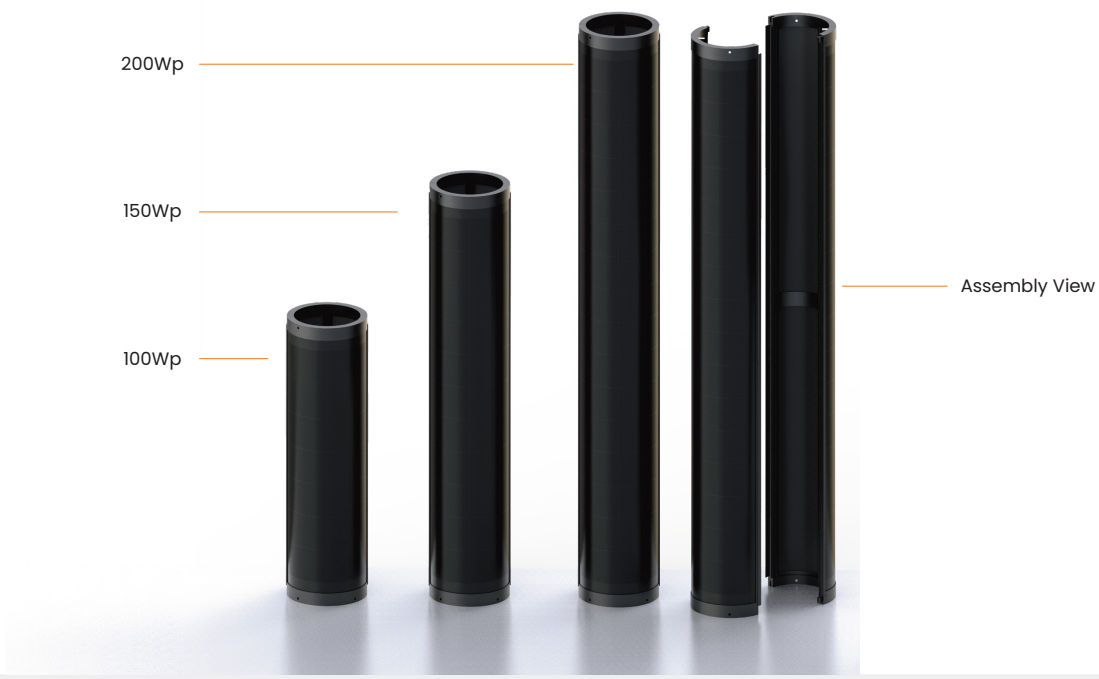
Model	Length / Width	Pmax	Voc / Vmp	Isc / Imp	Cell Type
DV-PV100-18	32.08″ / 10.43″	100Wp	22 / 18.83	5.63 / 5.31	HPBC Mono Cell
DV-PV300-36	47.63″ / 16.38″	300Wp	40 / 36.46	8.72 / 8.22	HPBC Mono Cell
DV-PV600-36	93.90″ / 16.38″	200Wp	40 / 36.46	17.44 / 16.46	HPBC Mono Cell

JUNO SOLAR PANEL

Vertical HPBC solar modules designed for Juno light poles, delivering 100W–200W output with rugged TPT backplane, tempered glass, and 25-year lifespan.

- High-efficiency HPBC mono cells
- UV-resistant, anti-corrosion tempered glass
- TPT Backplane + Tempered Glass
- Cylindrical design

Model	Length / Width	Pmax	Voc / Vmp	Isc / Imp	Cell Type
DV-PV100-18	31.50″ / 8.58″	100Wp	22 / 18.83	5.63 / 5.31	HPBC Mono Cell
DV-PV150-18	47.24″ / 8.58″	150Wp	22 / 18.83	6.75 / 6.37	HPBC Mono Cell
DV-PV200-18	63″ / 8.58″	200Wp	22 / 18.83	9 / 8.5	HPBC Mono Cell



HERA SERIES

Why HERA?

- All-in-one vertical solar design
- Zero wiring, zero trenching
- Designed for streets, parks, & more
- Works in extreme cold
- 3000-cycle LiFePO4
- Lasts longer than generic

HERA LED SOLAR STREET LIGHT

Juno delivers powerful, wire-free street lighting through a vertical all-in-one solar design. HPBC solar panels and LiFePO4 batteries provide long-lasting performance with 3000 cycles. Rugged aluminum housing and IP65/IK08 protection thrive in extreme conditions. Perfect for streets, campuses, parks, and remote areas where wiring isn't an option. Direct bury, base plate mounting options.

Warranty:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
100-210 LM/W

Model	Height	Pmax	Solar Panel	Battery
DV-PV100-18	20'-46'	100Wp	200 HPBC	12.8V 40Ah
DV-PV300-36	20'-46'	300Wp	200 HPBC	12.8V 50Ah
DV-PV600-36	20'-46'	200Wp	200 HPBC x2	12.8V 40Ah x2

JUNO SERIES

Multiple Sizes for Any Application

JUNO LED SOLAR STREET LIGHT

Juno delivers powerful, wire-free street lighting through a vertical design. HPBC solar panels and LiFePO4 batteries provide long-lasting performance with 3000 cycles. Rugged aluminum housing and IP65/IK08 protection thrive in extreme conditions. Perfect for streets, campuses, parks, and remote areas where wiring isn't an option. Direct bury, base plate mounting options. Supports a direct bury or base plate mounting option.

Warranty:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
110-150LM/W

Model	Height	Wattage	Solar Module	Battery
DV-JUNO-SSL-20W	20'	20W	200W HPBC	12.8V 40Ah LFP
DV-JUNO-SSL-30W	26'	30W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SSL-D20W	32'	20W x2	200W HPBC x2	12.8V 40Ah LFP x2
DV-JUNO-SSL-D30W	39'	30W x2	200W HPBC x2	12.8V 50Ah LFP x2

NEW

JUNO-A

Efficient all-in-one solar lighting for parks, paths, and pedestrian areas. Install by direct-bury or base-plate mount.

Warranty: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Power Cons.	Solar Module	Battery
DV-JUNO-SAL-20	14’	20W	200W HPBC	12.8V 45Ah LFP
DV-JUNO-SAL-D20	20’	20W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SAL-DD20	26’	20W x2	200W HPBC x2	12.8V 45Ah LFP x2

NEW

JUNO-B

Efficient all-in-one solar lighting for parks, paths, and community spaces. Install by direct-bury or base-plate mount.

Warranty: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Wattage	Solar Module	Battery
DV-JUNO-SAL-20	20’	20W	200W HPBC	12.8V 45Ah LFP
DV-JUNO-SAL-D20	26’	20W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SAL-DD20	32’	20W x2	200W HPBC x2	12.8V 45Ah LFP x2

ALL-IN-ONE POLE LED

Multiple Sizes for Any Application

JUNO SOLAR POST TOP

The Juno Post Top delivers simple, elegant illumination for any outdoor space—from gardens and driveways to public parks and scenic pathways. Its high-efficiency solar design features a long-life battery, durable construction, and weather-resistant housing engineered to perform in extreme temperatures and harsh conditions. Supports a direct bury or base plate mounting option.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
150-170LM/W

Model	Height	Wattage	Solar Panel	Battery
DV-JUNO-SP-20	13’	20W	200W HPBC	12.8V 45Ah LFP

JUNO C SOLAR BOLLARD LIGHT

The Juno Solar Bollard delivers a clean, elegant lighting solution, but with added flexibility—supporting up to three fixed LED light heads for wider coverage and custom configurations. Designed for gardens, walkways, parks, and scenic spaces, it features a long-life battery and rugged, weather-resistant housing built to withstand harsh outdoor conditions. Supports a direct bury or base plate mounting option.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
150-170LM/W

Model	Height	Wattage	Solar Panel	Battery
DV-Jupiter-C1	4’	1.5W	25W HPBC x2	3.2V 16Ah LFP
DV-Jupiter-C2	4’	1.5W	25W HPBC x2	3.2V 16Ah LFP
DV-Jupiter-C3	4’	1.5W	25W HPBC x2	3.2V 16Ah LFP

GALAXIA SERIES

All-in-one design, versatile and resilient

GALAXIA-S LED SOLAR STREET LIGHT

The Galaxia-S All-in-One delivers 150–170 lm/W with stable, energy-efficient output and a 10-year design life. Engineered for reliable performance in harsh temperatures, it features excellent heat dissipation for consistent brightness and long-term durability. Ideal for recreational sports facilities—including tennis, soccer, basketball, baseball courts, and swimming pools—as well as parking lots, outdoor fields, and street lighting.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
150-170LM/W

Model	Height	Wattage	Solar Panel	Battery
DV-JUNO-SAL-20	20’	20W	200W HPBC	12.8V 45Ah LFP
DV-JUNO-SAL-D20	26’	20W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SAL-DD20	32’	20W x2	200W HPBC x2	12.8V 45Ah LFP x2

NEW

GALAXIA-A

Delivers the same high-efficiency, all-in-one performance as Swith a streamlined head design.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Wattage	Solar Panel	Battery
DV-JUNO-SAL-20	20′	20W	200W HPBC	12.8V 45Ah LFP
DV-JUNO-SAL-D20	26′	20W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SAL-DD20	32′	20W x2	200W HPBC x2	12.8V 45Ah LFP x2

NEW

GALAXIA-B

Offers identical all-in-one capability, featuring an alternative head design to suit different site aesthetics.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Wattage	Solar Panel	Battery
DV-JUNO-SAL-20	20′	20W	200W HPBC	12.8V 45Ah LFP
DV-JUNO-SAL-D20	26′	20W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SAL-DD20	32′	20W x2	200W HPBC x2	12.8V 45Ah LFP x2

ALL-IN-TWO SERIES

Modular power with rugged efficiency

GALAXIA (AIT) LED SOLAR STREET LIGHTS

The Galaxia All-in-Two is a modular split-system solar lamp designed for flexible, high-capacity power collection and storage. Its solar module can be equipped with expanded battery options, or paired with a second panel—supporting more than 20 nights of continuous operation without additional charging. Provides reliable off-grid lighting while offering surplus energy for external devices.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
140-150 lm/W

Model	Height	Wattage	Solar Panel	Battery
DV-GALAXIA-SS	13′ — 26′	15W / 20W / 25W	200W HPBC	12.8V 45Ah LFP
DV-GALAXIA-DD	13′ — 26′	30W / 40W / 50W	200W HPBC	12.8V 50Ah LFP
DV-GALAXIA-RS	13′ — 26′	30W / 40W / 50W	200W HPBC x2	12.8V 45Ah LFP x2

ECO

TITAN (AIT) LED SOLAR STREET LIGHTS

The Titan All-in-Two is a modular split-system solar lamp designed for flexible, high-capacity power collection and storage. Its solar module can be equipped with expanded battery options, or paired with a second panel—supporting more than 20 nights of continuous operation without additional charging. Titan provides reliable off-grid lighting while offering surplus energy for external devices.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
150-200LM/W

Model	Height	Wattage	Solar Panel	Battery
DV-Titan-SS-ECO	13' — 40'	15W / 25W	100W m-Si	12.8V 35Ah LFP / 12.8V 60Ah LFP
DV-Titan-DS-ECO	13' — 40'	15W / 25W	100W m-Si	12.8V 35Ah LFP / 12.8V 60Ah LFP
DV-Titan-SD-ECO	13' — 50'	80W / 100W	100W m-Si x2	25.6V 50Ah LFP / 25.6V 70Ah LFP
DV-Titan-DD-ECO	13' — 50'	40W / 50W	100W m-Si x2	25.6V 50Ah LFP / 25.6V 70Ah LFP

MARS SERIES

Smart pole built for modular upgrades

MARS SOLAR LED AREA LIGHTS

The Mars Series delivers sleek, efficient solar lighting for roads, parks, and parking areas with customizable height and durable aluminum construction available in standard or wood-grain finishes. Photovoltaic panels on all sides maximize charging, while a high-capacity LiFePO4 battery and automatic power-reduction ensure long-term, reliable performance. Easily install Mars with the base plate mount.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
150-170LLM/W

Model	Height	Power Cons.	Solar Panel	Battery
DV-MARS-S	10′ / 12′	30W / 35W	35W m-Si x4	12.8V 42Ah LFP
DV-MARS-S	13′ / 16′	40W / 50W	70W m-Si x4	25.6V 42Ah LFP
DV-MARS-DD	13′ / 16′	40W / 50W	70W m-Si x8	25.6V 42Ah LFP x2
DV-MARS-DS	13′ / 16′	40W / 50W	70W m-Si x4 & 35W m-Si x4	25.6V 42Ah LFP & 12.8V 42Ah LFP

ECO

MARS-ECO

Delivers coDV-efficient solar lighting in a slim, durable form—ideal for parks, paths, and public spaces.

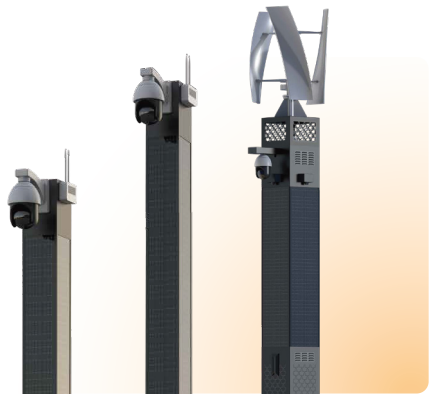
Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Power Cons.	Solar Panel	Battery
DV-Mars-ECO	10′ — 32′	15W-200W	60W-400W m-SI	12.8V / 25.6V 42Ah LFP

NEW



SMART POLES

Integrates efficient solar lighting with built-in camera options for security-fo-cused parks, streets, and public spaces.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Power Cons.	Solar Module	Battery
DV-JUNO-SAL-20	20′	20W	200W HPBC	12.8V 45Ah LFP
DV-JUNO-SAL-D20	26′	20W	200W HPBC	12.8V 50Ah LFP
DV-JUNO-SAL-DD20	32′	20W x2	200W HPBC x2	12.8V 45Ah LFP x2

JUPITER SERIES

Compact bollard for pedestrian spaces

JUPITER-H LED SOLAR BOLLARD LIGHTS

The Jupiter-H LED Solar Bollard delivers durable, weatherproof lighting for patios, back-yards, and garden paths. Its sealed, dust proof housing prevents water intrusion, while solar-rechargeable batteries and photocell controls provide automatic dusk-to-dawn operation. With multiple height options and easy installation, Jupiter offers a versatile, low-maintenance outdoor lighting solution.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
≥200LM/W

Model	Height	Power Cons.	Solar Panel	Battery
DV-Jupiter-HS	1.6’	0-3W	8Wx1 / 8Wx2 m-SI	12.8V 2Ah LFP
DV-Jupiter-HM	2.6’	0-3W	17Wx1 / 17Wx2 m-Si	12.8V 4Ah LFP
DV-Jupiter-HL	3.2’	0-5W	25Wx1 / 25Wx2 m-Si	12.8V 8Ah LFP
DV-Jupiter-H2S	2’	0-1.5W	10Wx1 / 10Wx2 m-Si	12.8V 2Ah
DV-Jupiter-H2M	2.6’	1-3W	16Wx1 / 16Wx2 m-Si	12.8V 4Ah

JUPITER-L

Features an L design, casting light from beneath a top overhang for sleek, directional path illumination.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **≥200LM/W**

Model	Height	Power Cons.	Solar Panel	Battery
DV-Jupiter-LS	1.6′	0-1.5W	8W / 8Wx2 m-Si	12.8V 2Ah LFP
DV-Jupiter-LM	2.6′	1-5W	17W / 17Wx2 m-Si	12.8V 4Ah LFP
DV-Jupiter-LL	3.2′	0-5W	25W / 25Wx2 m-Si	12.8V 8Ah LFP

JUPITER-S

Uses a clean, tall-rectangle form to deliver uniform, vertical bollard lighting for paths and landscape spaces.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **≥100LM/W**

Model	Height	Power Cons.	Solar Panel	Battery
DV-Jupiter-SS	2.6′	0-3W	17W / 17Wx2 m-Si	12.8V 4Ah LFP
DV-Jupiter-SL	3.2′	0-5W	20W / 20W×2 m-Si	12.8V 8Ah LFP

STANDALONE MODELS

Individual models for unique applications

MERCURY TALL SOLAR AREA LIGHT

The Mercury solar area light pairs a slim, elegant profile with high-performance solar technology—ideal for parks, gardens, pathways, and hospitality spaces. Surrounding photovoltaic panels maximize charging, while a built-in LiFePO4 battery delivers reliable power from −20° to +60°C. With high luminous efficacy and simple, no-trenching installation, Mercury provides bright, sustainable lighting with refined visual appeal.

Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
150-170LM/W

Model	Height	Power Cons.	Solar Panel	Battery
DV-Mercury-S	9.8’	0-16W	100W m-SI	12.8V 24Ah LFP
DV-Mercury-M	13’	16-25W	120W m-SI	12.8V 42Ah LFP
DV-Mercury-L	16.4’	25-50W	120W m-SI x2	25.6V 42Ah LFP

ARES GARDEN

Decorative, compact solar garden light that delivers bright, low-maintenance pathway and landscape illumination.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Power Cons.	Solar Panel	Battery
DV-Ares	9.8′ — 26′	5W-100W	100W~1200W m-Si	12.8V 42Ah LFP / 25.6V 42Ah LFP

CUBE LED

Offers modern, compact solar illumination ideal for accenting gardens, walkways, and architectural spaces.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **150-170LM/W**

Model	Height	Power Cons.	Solar Panel	Battery
DV-Cube-M	9′ — 11.4′	1-16W	13W x4 / 13W x5 m-Si	12.8V 24Ah LFP
DV-Cube-L	11.4′ — 16.4′	1-40W	32W x4 / 32W x5 m-SI	12.8V 42Ah LFP

DECORATIVE LIGHTING

Additional standalone-model options for targeted applications

Lightning

The Lightning Series features a 90° adjustable solar panel and a 180° rotate-able lamp head for precise light direction and maximum charging. Its intelligent optical control system supports remote or manual power management, with automatic power reduction to extend runtime. With adjustable dimming and higher charging efficiency, Lightning delivers flexible, high-performance solar lighting for a wide range of applications.

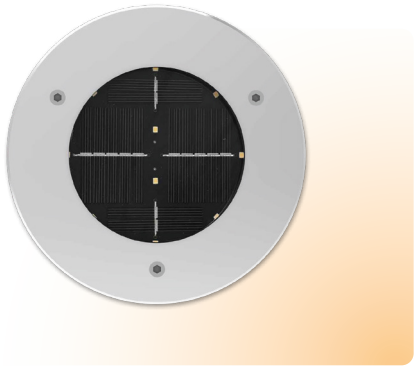
Lifetime:
10 Years

Protection:
IP65 / IK08

Operating Temp:
-13 °F – 113 °F

Output:
≥400LM/W

Model	Dimensions	Power Cons.	Solar Panel	Battery
DV-JUNO-SSL-20W	3.2’ x 6” x 2’	0-4W	20W	12.8V 15Ah



Phoenix

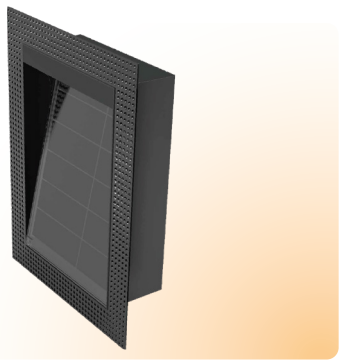
Compact solar floor light that provides clean, low-profile pathway and landscape illumination.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **>40-90LM/W**

Model	Depth	Power Cons.	Solar Panel	Battery
DV-PHOENIX-ST	2.8" x 5.5" Ø	0.2w	1.2W	3.7V 5Ah LFP
DV-PHOENIX-DV-AC	2.8" x 5.5" Ø	0-0.5w	1.2W	3.7V 5Ah LFP



Orion

Compact rectangular solar wall light designed for clean, reliable illumination on building exteriors and pathways.

Lifetime: **10 Years**

Protection: **IP65 / IK08**

Output: **120-1200LM**

Model	Depth	Power Cons.	Solar Panel	Battery
DV-ORION-S	3.6"	0.8W	4W	12.8V 2Ah
DV-ORION-M	3.6"	1.6W	10W	12.8V 4Ah
DV-ORION-L	3.6"	5W	30W	12.8V 8Ah

360 Solar Lighting™

a DUVON™ Company

Lighting made right — powered by the sun.

Schedule a Technical Consultation

All technical specifications and datas are subject to modification at any time and without notice.
Contact us for the most up-to-date information or visit www.360solarlighting.com

Phone: (224) 567-8312 | Email: sales@360solarlighting.com
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