

# LED LIGHT ATHENA-U

## Specifications



## Why us?

### **Innovative Technology**

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

### **Photometric**

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

### **Versatile Lightning**

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

### **Global Reach**

Worldwide success proves our adaptability and regulatory expertise.

### **Sustainable Savings**

These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

### **Warranty**

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.

## ATHENA-U Series



Athena-U series flood light is perfect for outdoor area lighting, providing significant energy and maintenance savings while improving illumination performance

## FEATURES & BENEFITS

- High efficiency with low operating costs.
- Multiple light distributions to replace discharge lamps from 75W to 2000W.
- Hi energy savings compared to systems with traditional HID luminaires.
- Dimmable for even more energy savings.
- Modular design for easy hassle-free maintenance and component hardware replacement.
- Long life-span thanks to robust design and separated thermal management system of Light engine and power supply.
- IP67 and suitable for wet location.

## TECHNICAL PARAMETERS

|                              |  |
|------------------------------|--|
| <b>Power</b>                 | 40- 720W                                   |
| <b>Voltage</b>               | UL 90-305V/ UH 249-528V*                   |
| <b>PF</b>                    | >0.95                                      |
| <b>THD</b>                   | <20%                                       |
| <b>L85</b>                   | >150,000H/>50,000H                         |
| <b>Operating Temperature</b> | -40F- 122F                                 |
| <b>Efficacy</b>              | 143-155lm/W                                |
| <b>ANSI CCT</b>              | 2700K/3000K/3500K/4000K/5000K/5700K/6500K  |
| <b>Min CRI</b>               | 70* or 80 or 90                            |
| <b>IP Rating</b>             | IP67                                       |
| <b>DALI</b>                  | Optional                                   |
| <b>1-10V</b>                 | Optional                                   |
| <b>Photocell</b>             | Optional                                   |
| <b>Smart Control</b>         | Optional                                   |
| <b>Optic (IESNA)</b>         | Type I, Type II, Type III, Type IV, Type V |
| <b>Color Options</b>         | Grey/Black/Bronze/White                    |

## SOLAR STREET LIGHT

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### USES AND APPLICATIONS GUIDE

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Streets Lighting

Parking Lots

Residential Roads

Public Parks

Sports Lighting

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## ORDERING GUIDE

ARA-F40-UL-U-T1S-27K-GR-10-GS

| MODEL<br>(Nominal Power) | VOLTAGE   | MOUNTING     | OPTIC<br>LENS              | CCT<br>(ANSI) | OPTIONAL<br>COLOR | LIGHTING<br>CONTROL | ACCESSORY<br>INFO              |
|--------------------------|-----------|--------------|----------------------------|---------------|-------------------|---------------------|--------------------------------|
| ARA-F40                  | UL        | U            | T1S-Type I Short           | 27K           | ★ GR-Grey         | 10                  | GS                             |
| ARA-F60                  | 90-305V   | Yoke bracket | T1M-Type I Medium          | 30K           | BK-Black          | 1-10V Dimming       | Glare Shield/House side shield |
| ARA-F85                  | UH        |              | T2M-Type II Medium         | 35K           | BZ-Dark Bronze    | DA                  | 7P                             |
| ARA-F100                 | 249-528V* |              | T2L-Type II Long           | ★ 40K         | WH-White          | DALI                | NEMA 7-Pin Receptacle          |
| ARA-F120                 |           |              | T3M-Type III Medium        | ★ 50K         | CU-Customized     | BL                  | ZG                             |
| ARA-F160                 |           |              | T3L-Type III Long          | 57K           |                   | Blank               | Zhaga                          |
| ARA-F200                 |           |              | T4S-Type IV Short          | 65K           |                   |                     | SC                             |
| ARA-F230                 |           |              | T4M-Type IV Medium         |               |                   |                     | Safety Cable                   |
| ARA-F300                 |           |              | 10D- 10° Very narrow flood |               |                   |                     |                                |
| ARA-F380                 |           |              | 15D- 15° Very narrow flood |               |                   |                     |                                |
| ARA-F450                 |           |              | 25D- 25° Narrow flood      |               |                   |                     |                                |
| ARA-F540                 |           |              | 40D- 40° Narrow flood      |               |                   |                     |                                |
| ARA-F630                 |           |              | 60D- 60° Medium flood      |               |                   |                     |                                |
| ARA-F720                 |           |              | 90D- 90° Medium flood      |               |                   |                     |                                |
|                          |           |              | 120- 120° Wide flood       |               |                   |                     |                                |
|                          |           |              | 150- 150° Wide flood       |               |                   |                     |                                |

♥ DALI unavailable

★ Regular stocked item



## Contact us



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