

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density.

Applications: Residential roads, collector roads, parking lots, and general area spaces

PERFORMANCE SUMMARY

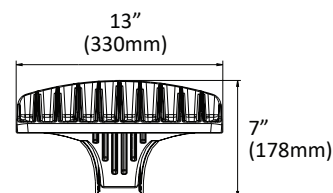
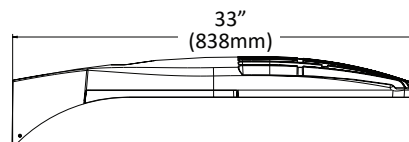
Initial Delivered Lumens: Up to 12,800

Efficacy: Up to 155 LPW

CRI: Minimum 70 CRI

CCT: 3000K, 4000K, 5000K

Limited Warranty: 5 years on luminaire



Weight: 27 lbs (12.2 kg)

OPTIONS

| Product | Mounting | Optic | Input Power* | CCT | CRI | Color Options | Mount | Options |
|---------|-------------|--|--|--|-----|--|-------------------------------|---------------------------|
| DSX1 | P5 40LED | 2ME Type II Medium 3ME Type III Medium 4ME Type IV Medium 5ME Type V Medium | 10-100W (based on location and profile) | 30K 3000K 40K 4000K 50K 5000K | >70 | BK Black BZ Bronze SV Natural Aluminum | RPA Round Pole Mounting | Powered by EverGen EMS |

* Please refer to System Overview page for your exact fixture specifications.



PRODUCT SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

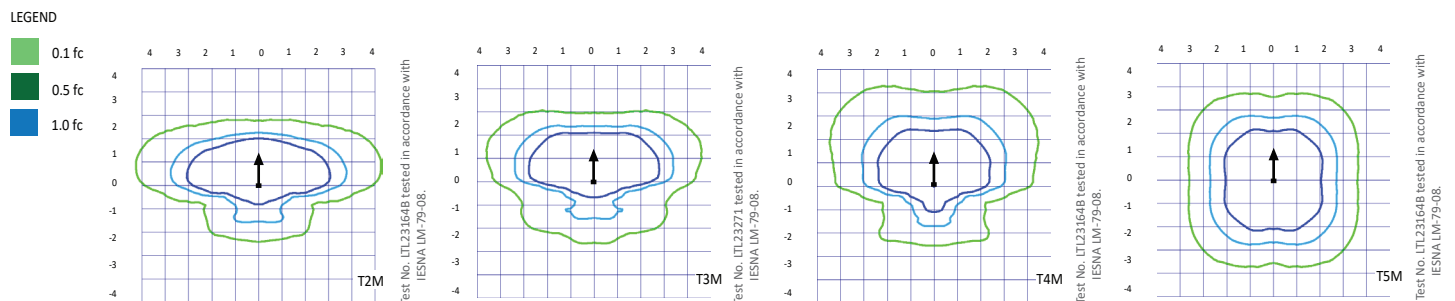
UL Listed for wet locations. luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Isofootcandle plots for the DSX1 LED 40C 40K. Distances are in units of mounting height (25'). *For visual reference only; please see Sol-provided IES Files and Photometrics.



LUMINAIRE EPA

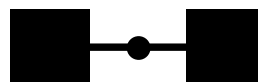
Direct Mount – Weight: 27 lbs (12.2 kg)

Single



1.01 sqft (0.09 sqm)

2 @ 180



2.02 sqft (0.18 sqm)

Specifications subject to local environmental conditions.

Specifications may be subject to change.

US and International patents apply. Other patents pending.

"Sol" logo is a trademark of Sunna Design.

All Sol products are manufactured in facilities that are certified to ISO quality standards.

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