# D-Series Size 0
## LED Area Luminaire

d-series

**Introduction**

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. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

**Specifications**

| | |
|---|---|
| EPA: | 0.95 ft² (.08 m²) |
| Length: | 26" (66.0 cm) |
| Width: | 13" (33.0 cm) |
| Height: | 3" (7.62 cm) |
| Height: | 7" (17.8 cm) |
| Weight (max): | 16 lbs (7.25 kg) |

Catalog Number
Notes
Type
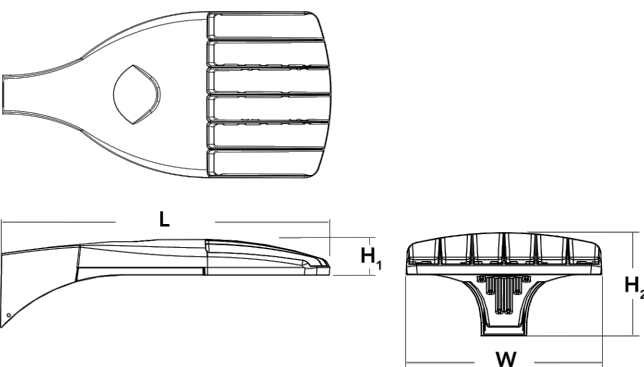
**Ordering Information**   **EXAMPLE:** DSX0 LED P6 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

---

# D-Series
## LED Bollard

d-series

**Introduction**

The D-Series LED Bollard is a stylish, energy-saving, long-life solution designed to perform the way a bollard should—with zero uplight. An optical leap forward, this full cut-off luminaire will meet the most stringent of lighting codes. The D-Series LED Bollard's rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service.

**Specifications**

| | |
|---|---|
| Diameter: | 8" Round (20.3 cm) |
| Height: | 42" (106.7 cm) |
| Weight (max): | 27 lbs (12.25 kg) |

Catalog Number
Notes
Type

**Ordering Information**   **EXAMPLE:** DSXB LED 16C 700 40K SYM MVOLT DDBXD

---

# D-Series Size 1
## LED Wall Luminaire

d-series

**Introduction**

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

**Specifications**

**Luminaire**

| | | | |
|---|---|---|---|
| Width: | 13-3/4" (34.9 cm) | Weight: | 12 lbs (5.4 kg) |
| Depth: | 10" (25.4 cm) | | |
| Height: | 6-3/8" (16.2 cm) | | |

**Back Box (BBW, ELCW)**

| | | | |
|---|---|---|---|
| Width: | 13-3/4" (34.9 cm) | BBW Weight: | 5 lbs (2.3 kg) |
| Depth: | 4" (10.2 cm) | ELCW Weight: | 10 lbs (4.5 kg) |
| Height: | 6-3/8" (16.2 cm) | | |

Catalog Number
Notes
Type
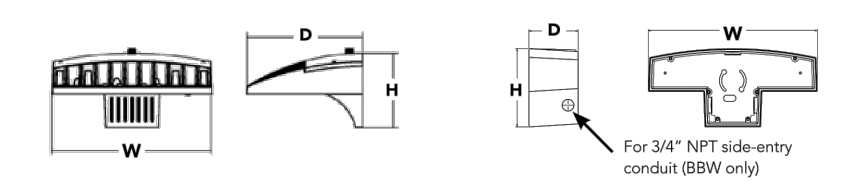
**Ordering Information**   **EXAMPLE:** DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

---

## LITHONIA LIGHTING

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.
**CONSTRUCTION** — Galvanized steel mounting/plaster frame, galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs. Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination ½"-3/4" and four ½" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.
Accommodates 12"-24" joist spacing.
Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
Max ceiling thickness 1-1/2".
**OPTICS** — LEDs are binned to a 3-step SDCM; 80 CRI minimum.
LED light source concealed with diffusing optical lens.
General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.
Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.
0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.
70% lumen maintenance at 50,000 hours.
**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional). ENERGY STAR® certified product.
**WARRANTY** — 5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
**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.

# LDN6

**6" OPEN and WALLWASH LED**
**Non-IC**
**New Construction Downlight**

**ORDERING INFORMATION**   Lead times will vary depending on options selected. Consult with your sales representative.   **Example:** LDN6 35/15 LO6AR LSS MVOLT EZ10

| LDN6 | | | | | |
|---|---|---|---|---|---|
| **Series** | **Color temperature** | **Lumens** | **Aperture/Trim Color** | **Finish** | **Voltage** |
| LDN6  6" round | 27/ 2700K<br>30/ 3000K<br>35/ 3500K<br>40/ 4000K<br>50/ 5000K | 05  500 lumens<br>10  1000 lumens<br>15  1500 lumens<br>20  2000 lumens | 25  2500 lumens<br>30  3000 lumens<br>40  4000 lumens<br>50  5000 lumens | LD6  Downlight<br>LW6  Wallwash | AR  Clear<br>WR²  White<br>BR³  Black | LSS  Semi-specular<br>LD  Matte diffuse<br>LS  Specular | MVOLT  Multi-volt<br>120  120V<br>277  277V<br>347²  347V |

GERALD R. KESLER, INC.
ARCHITECTS

Phone: 602.725.1068
Fax: 602.466.2160
Email: gk1@cox.net

8425 E. Desert Lane
Phoenix, AZ 85042

GKI

SPRINGHILL SUITES - MARRIOTT
NE CORNER 68TH ST. & CAMELBACK
SCOTTSDALE, ARIZONA 85251

**JOB NUMBER**
19110

**DATE**
7-17-2019

**LIGHT FIXTURE CUT SHEETS/ LUMEN CALCULATIONS**

E3

## Bowie Tiglas
## Engineering Inc.
*Consulting Engineers*

Phone: 602.992.3900
24820 N. 16th Street
Suite 170
Phoenix, AZ 85085

**BTE #** 19110E

2436

10-ZN-2005#2
09/09/2019