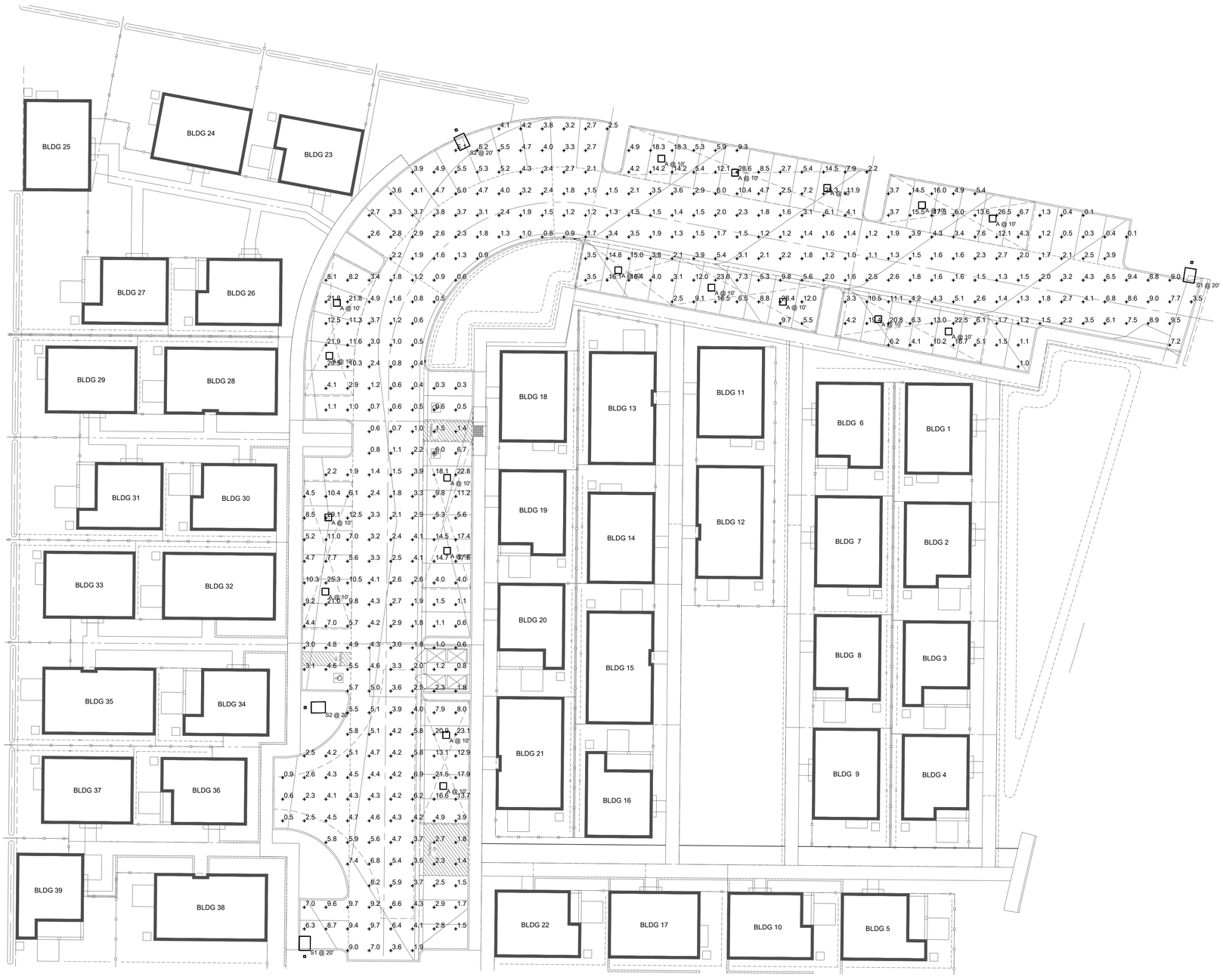


PHOTOMETRIC STUDY

SCALE: 1"=20'-0"

NORTH

D-Series Size 2

Legacy LED Area Luminaire

d-series

Catalog Number

Notes

Type

Hit the Tab Key or mouse over the page to see all interactive elements.

Specifications

EPA: 1.1 ft² (0.10 m²)

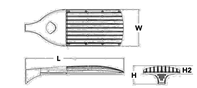
Length: 40" (101.6 cm)

Width: 15" (38.1 cm)

Height 1: 7-1/4" (18.4 cm)

Height 2: (max): 3.5"

Weight: 36lbs



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. The Size 2 is ideal for replacing 400-1000W metal halide in area lighting applications with energy savings of up to 80% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX2 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD G1

DSX2 LED

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX2 LED	**Forward optics** P1 P5[5] P2 P6 P3 P7[1] P4 P8[1] **Rotated optics** P10[1] P13[1,3] P11[1] P14[1,3] P12[1]	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I Short (Automotive) T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	T5VS Type V Very Short[7] T5S Type V Short[7] T5M Type V Medium[7] T5W Type V Wide[7] BLC Backlight control[8] LCCO Left corner cutoff[8] RCCO Right corner cutoff[8]	MVOLT[1] 208[1] 240[1] 277[1] 347[1] 480[1] **Shipped included** SPA Square pole mounting RPA Round pole mounting[9] WBA Wall bracket[1] SPUMBA Square pole universal mounting adaptor[10] RPUMBA Round pole universal mounting adaptor[10] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[10]

Control options		Other options		Finish (required)		Generation (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled[11] PIRHN Network, bi-level motion/ambient sensor[12] PER NEMA twist-lock receptacle only (no controls)[13] PERS Five-wire receptacle only (no controls)[13,14] PER7 Seven-wire receptacle only (no controls)[13,14] DMG 0-10V dimming external out back of housing for external control (no controls)[15] DS Dual switching[16,17,18]	PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enable at 3fc[12,19] PIRH1FCSV High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[12,19] FAO Field Adjustable Output[1,20]	**Shipped installed** HS House-side shield[7] SF Single fuse (120, 277, 347V)[1] DF Double fuse (208, 240, 480V)[1] LVR1 Left rotated optics[1] RVR1 Right rotated optics[1] HA 50°C ambient operations[1] **Shipped separately** BS Bird spikes[21] EGS External glare shield	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	G1 Generation 1

LITHONIA LIGHTING
COMMERCIAL OUTDOOR

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DSX2 LED G1
Rev. 11/28/23
Page 1 of 8

FIXTURE TYPE S1, S2

CS CONTRACTOR SELECT

LITHONIA LIGHTING

Catalog Number

Notes

Type

Contractor Select™

CNY LED ALO

Canopy Luminaire
Adjustable+Switchable+Photocell
+Occupancy Sensor

The Lithonia Lighting CNY LED ALO canopy luminaire is a versatile, energy-efficient solution for surface-mount applications for walkways, overhangs, and parking garages. Adjustable switch panel easily changes lumen output, color temperature, integrated photocell, and integrated motion sensor. The low profile frosted lens creates a visually comfortable illumination and even distribution.

FEATURES:

- 3 power levels deliver 5,000 - 10,000 lumens.
- Switchable CCT (30K/40K/50K) offers warm, cool, and daylight in a single fixture
- Integrated On/Off photocell
- Integrated occupancy sensor can be turned on, off, or set to 10% dim
- Install by surface mount, junction box, or pendant mount
- IK08 Impact resistant polycarbonate frosted lens
- IP65 rated, die cast aluminum housing

Adjustable Lumen Output ALO | Switchable CCT SWW2 | Integrated Photocell | Integrated Motion Sensor

DLC PREMIUM | 65 IP65 IP65 | LEI | CSA C US | LOCATION™ | 5 YEAR Warranty

Catalog Number	Adjustable Lumen Output ALO			Switchable CCT SWW2	Photocell Operation	Occupancy Sensor	Input Voltage	CRI	Finish
CNY LED ALO SWW2 VOLT PE PIR DDB MJ	5,000 Lumens	7,500 Lumens	10,000 Lumens	Switchable 3000K, 4000K,5000K	Included Standard, Selectable On/Off	Included Standard, Selectable On/Off/10% Dim	120-347V	80CRI	Dark Bronze
CNY LED ALO SWW2 VOLT PE PIR WH MJ	5,000 Lumens	7,500 Lumens	10,000 Lumens	Switchable 3000K, 4000K,5000K	Included Standard, Selectable On/Off	Included Standard, Selectable On/Off/10% Dim	120-347V	80CRI	White

CNY Stock Options

Catalog Number	UPC	CU Code	Number of Fixtures per pallet	Traditional Replacement
CNY LED ALO SWW2 VOLT PE PIR DDB MJ	0019758949104	*CB44608	180	Up to 250W HID
CNY LED ALO SWW2 VOLT PE PIR WH MJ	0019758949129	*CB44609	180	Up to 250W HID

Lumen Output:

Lumen values are from photometric tests performed in accordance with IESNA LM 79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79.

Lumen Output	Input Wattage	CCT/3CRI	Delivered Lumens	Lumens Per Watt
5,000	34	3000K	4200	139
		4000K	4794	142
		5000K	4777	143
7,500	52	3000K	7169	133
		4000K	7603	141
		5000K	7291	137
10,000	75	3000K	9904	133
		4000K	9894	136
		5000K	9429	125

Accessories: *Order as separate catalog number.*

CNYBCP DDB	14 Inch x 14 Inch Beauty Cover Plate
CNYEB E7WC M12	Field installable emergency battery; 7W, UVOLT compatible. Minimum operating temp of 0°F.

CONTRACTOR SELECT *CNY LED ALO*

Page 1 of 2

FIXTURE TYPE A

Received 3/12/2026

HCS Engineering
50 years
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209-478-8270 | www.hcs-eng.com

Richard C. Smith, PE richard@hcs-eng.com
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PROJECT # 2026.054

REGISTERED PROFESSIONAL ENGINEER
RICHARD C. SMITH
No. E14303
Exp. 6-30-25
ELECTRICAL
STATE OF CALIFORNIA

STAMP

No.	Description	Date	By
–	–	–	–

VESTING TENATIVE

8100 VALENTINE AVENUE
SEBASTOPOL, CA

PHOTOMETRIC STUDY

Project number	2026.054
Date	MARCH XX, 2026
Drawn by	CM & LM
Checked by	RCS

E1.0

Scale	AS NOTED

FILE: C:\Users\12093\Box\HCS\2026\0-100\2026.054 Sebastopol Photometric\E1.0.dwg Mar 11, 2026 - 3:42pm 12093