Calculation Summary					
Label	Units	Avg	Max	Min	Max/Min
Parking_Lot	Fc	1.68	4.11	0.18	22.83
Property_Line	Fc	0.00	0.0	0.0	N.A.

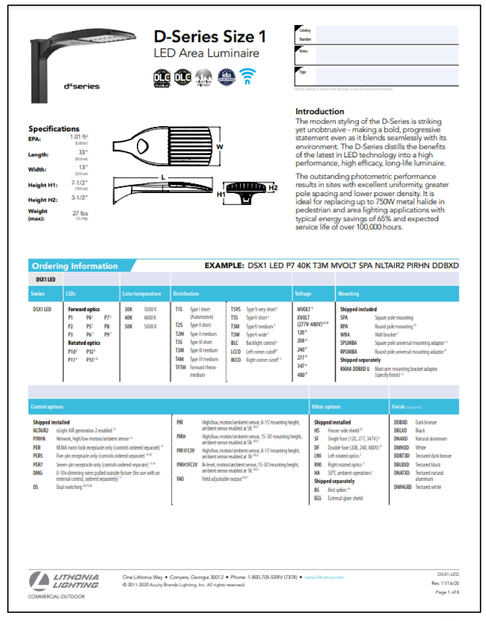
CALCULATION SUMMARY

SCALE: NONE

3

Luminaire Schedule				
Symbol	Label	Arrangement	Total Lamp Lumens	LLF
	DSX1_LED_P1_40K_T3M_MVOLT	SINGLE	6,763	0.900

FIXTURE TYPE 'S1' – MOUNTING HEIGHT: 18' ABOVE GRADE.



D-Series Size 1
LED Area Luminaire

Specifications
EPA: 1.01 ft² (0.09 m²)
Length: 33" (838 mm)
Width: 13" (330 mm)
Height H1: 7-1/2" (190 mm)
Height H2: 3-1/2" (89 mm)
Weight (max): 27 lbs (12 kg)

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 750W metal halide in pedestrian and area lighting applications with typical energy savings of 60% and expected service life of over 100,000 hours.

Ordering Information — EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics: P1 P4 P7[1] P2 P5 P8 P3 P6 P9[1]; Rotated optics: P10[1] P12[1] P11[1] P13[1,2]	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; T4FTM Forward throw medium; T5VS Type V very short[3]; T5S Type V short[3]; T5M Type V medium[3]; T5W Type V wide[3]; BLC Backlight control[4]; LCCO Left corner cutoff[4]; RCCO Right corner cutoff[4]	MVOLT[5]; 208LT (277V-480V)[5,6]; 120[7]; 208[7]; 240[7]; 277[7]; 347[7]; 480[7]	Shipped included: SPA Square pole mounting; RPA Round pole mounting[10]; WBA Wall bracket[8]; SPUMBA Square pole universal mounting adaptor[11]; RPUMBA Round pole universal mounting adaptor[11]; Shipped separately: KMA8 DDBXD Mast arm mounting bracket adapter (specify finish)[12]

Control options		Other options	Finish (required)
Shipped installed: NLTAIR2 nLight AIR generation 2 enabled[9]; PIRHN Network, high/low motion/ambient sensor[13,14]; PER NEMA twist-lock receptacle only (controls ordered separate)[15]; PER5 Five pin receptacle only (controls ordered separate)[15,16]; PER7 Seven pin receptacle only (controls ordered separate)[15,16]; DMBL 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately); DS Dual switching[16,17,18]; PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc[19,20]; PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc[19,20]; PIRHTFCW High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc, 180° field adjustable output[19,20]; PIRHTFHCW High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc, 180° field adjustable output[19,20]; FAO Field adjustable output[20]; Shipped installed: HS House-side shield[1]; SF Single fuse (120, 277, 347V)[7]; DF Double fuse (208, 240, 480V)[7]; LPIO Left oriented optics[7]; RPIO Right oriented optics[7]; HA 50°C ambient operation[3]; Shipped separately: BS Bird spikes[21]; BGS 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

LITHONIA LIGHTING — COMMERCIAL OUTDOOR
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
© 2011-2020 Acuity Brands Lighting, Inc. All rights reserved.
DSX1-LED
Rev. 11/14/20
Page 1 of 8

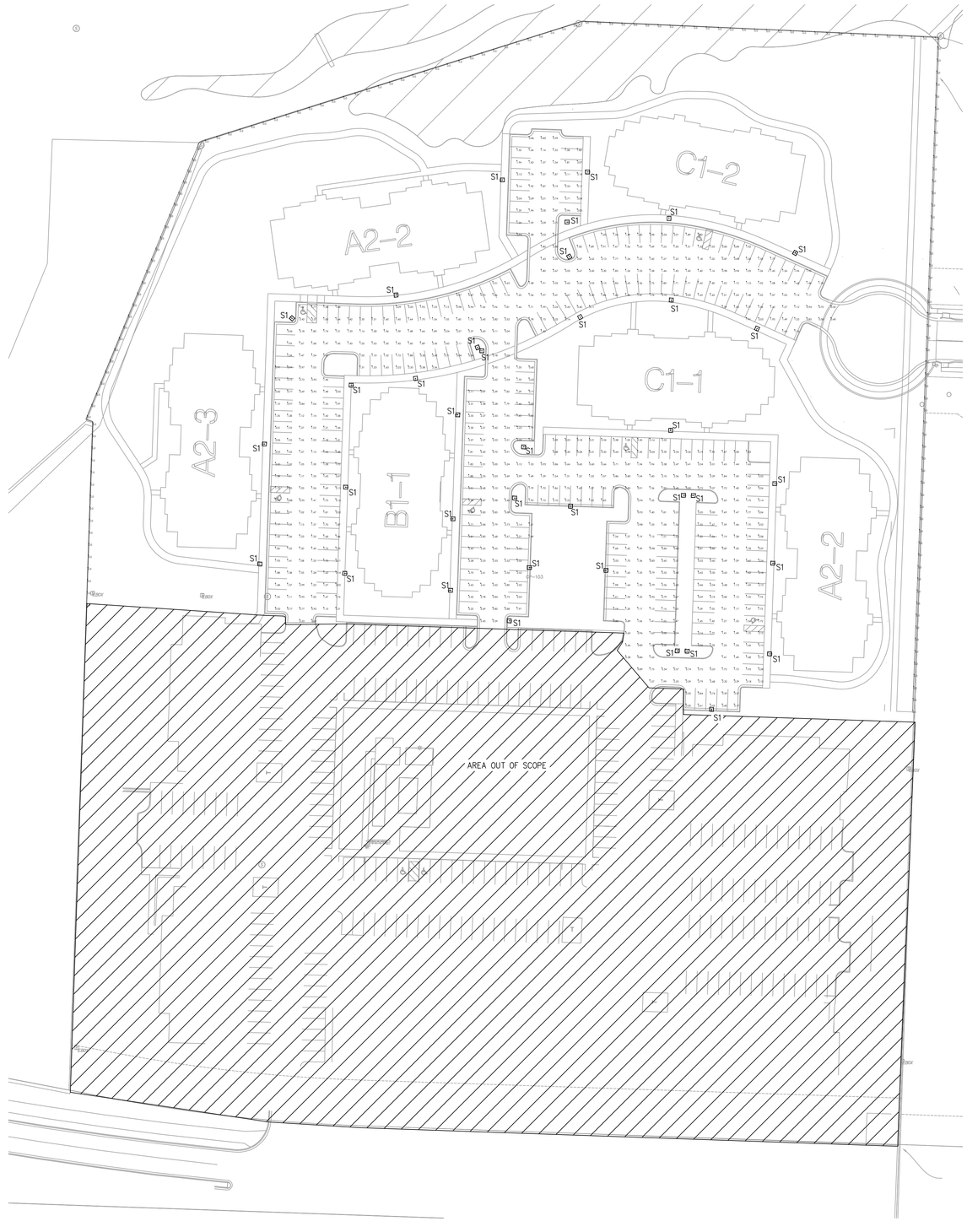
LIGHT FIXTURE SPECS

SCALE: NONE

2

SPECIFICATIONS

1. ALL CONDUCTORS SHALL BE THHN COPPER ABOVE GRADE, XHHW-2 BELOW GRADE, MINIMUM #12.
2. ALL WIRING EXPOSED TO WEATHER OR BELOW GRADE SHALL BE IN RIGID GALVANIZED CONDUIT OR SCH. 40 PVC.
3. ALL OTHER WIRING SHALL BE IN EMT, SCH. 40 PVC OR MC CABLE, UNLESS PROTECTED AND ENCLOSED WITHIN BUILDING MATERIALS, IN WHICH CASE TYPE NM CABLE MAY BE USED.
4. THE ENTIRE SYSTEM SHALL BE ELECTRICALLY CONTINUOUS AND PROPERLY GROUNDED. EVERY FEEDER AND BRANCH CONDUIT SHALL HAVE CODE SIZED GREEN INSULATED GROUND CONDUCTOR.
5. "MH" = MOUNTING HEIGHT (IN FEET)



SITE LIGHTING PLAN

SCALE : 1/32" = 1'-0"

1

NORTH

STATE OF MISSOURI
JUSTIN R. SMOTHERS
NUMBER PE-2012003568
PROFESSIONAL ENGINEER
02-23-2021

ENGINEER:

JSC ENGINEERS

MO COA NO. 2012006786 | KS COA NO. E-2818
1901 NW BLUE PARKWAY, UNITY VILLAGE, MO 64065
3rd FLOOR UNITY VILLAGE TOWER
phone: (816) 272-5289
email: jsmothers@jscengineers.com

Site Lighting Plan for:
SUMMIT POINT APARTMENTS
504 NE CHIPMAN ROAD
LEE'S SUMMIT - JACKSON - MISSOURI

DATE ISSUED:
02.23.2021

REVISIONS:

PROJECT NUMBER
JSC 21-058

SHEET NUMBER
SITE LIGHTING PLAN
ES-1