



LTG. STANDARD TYPE 'A', 'B' & 'C' LTG. STANDARD TYPE 'D' LTG. STANDARD TYPE 'E'

1. PARKING LOT LIGHTING STANDARD

Schedule	Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Efficacy	Beam Angle	Lumens per Lamp	Efficiency	Life	Voltage	Distribution
	A	9	Lithonia Lighting	DSXZ LED P4 SK BLC MWOLT MWOLT	27721	270	100%	0.9	27721	100%	0.9	270	TYPE III, BUS RATING B2 - IUp-G4
	B	2	Lithonia Lighting	DSXZ LED P4 SK RCOO MWOLT MWOLT	20827	270	100%	0.9	20827	100%	0.9	270	TYPE IV, BUS RATING B2 - IUp-G4
	C	1	Lithonia Lighting	DSXZ LED P4 SK LCOO MWOLT MWOLT	20827	270	100%	0.9	20827	100%	0.9	270	TYPE IV, BUS RATING B2 - IUp-G4
	D	3	Lithonia Lighting	DSXZ LED P8 SK IFTM MWOLT MWOLT	24559	414	100%	0.9	24559	100%	0.9	414	TYPE IV, BUS RATING B2 - IUp-G4
	E	6	Lithonia Lighting	DSXZ LED P1 SK BLC MWOLT MWOLT	5781	54	100%	0.9	5781	100%	0.9	54	TYPE III, BUS RATING B1 - IUp-G2

Note
 1. Readings shown are based on a total LLF as shown at grade. Data references the extrapolated performance projections in a 25c ambient based on 10,000 hrs of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11)
 2. Please refer to the "luminaire locations" table for mounting
 3. Product information can be obtained at www.lithonia.com or through your local agency.
 4. This lighting layout does not meet minimal IESNA minimal requirements for parking and pedestrian traffic. Lithonia Lighting will not be liable for any issues that may arise from installation of this design.

Luminaire Locations		Location				Orientation	TR
No.	Label	X	Y	Z	Mt		
1	A	-3022.00	89788.00	33.00	33.00	0.00	0.00
2	A	-2920.00	89650.00	33.00	33.00	0.00	0.00
3	A	-2940.00	89769.00	33.00	33.00	0.00	0.00
4	B	-2925.00	89651.00	33.00	33.00	0.00	0.00
5	C	-2922.00	89651.91	33.00	33.00	0.00	22.58
6	D	-2925.00	89652.00	33.00	33.00	0.00	4.28
7	A	-2428.62	89653.72	33.00	33.00	263.07	0.00
8	A	-3325.01	89654.21	33.00	33.00	62.66	11.03
9	B	-3420.07	87062.83	33.00	33.00	77.35	28.81
10	A	-2403.00	87078.00	33.00	33.00	270.00	0.00
11	A	-2408.00	87278.00	33.00	33.00	270.00	0.00
12	D	-2450.00	87277.00	20.00	20.00	351.33	0.00
13	A	-2450.00	87277.00	20.00	20.00	351.33	0.00
14	A	-2450.00	87277.00	20.00	20.00	351.33	0.00
15	E	-2838.00	87254.00	20.00	20.00	181.31	0.00
16	D	-3420.00	87659.00	20.00	20.00	352.33	0.00
17	E	-2978.00	87658.00	20.00	20.00	193.32	0.00
18	E	-3114.00	87662.00	20.00	20.00	192.25	0.00
19	E	-3353.17	87775.45	20.00	20.00	192.25	0.25
20	E	-3353.17	87775.45	20.00	20.00	192.25	0.25
21	E	-3353.17	87775.45	20.00	20.00	192.25	0.25
22	D-1	-3449.53	87571.82	20.00	20.00	352.33	0.00
D-2	-3449.10	87467.65	20.00	20.00	172.33	0.00	

Statistics	Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING		X	1.71c	11.61c	0.01c	N/A	N/A
PROPERTY LINE		X	0.01c	0.11c	0.01c	N/A	N/A
ROADWAY		X	0.61c	2.21c	0.01c	N/A	N/A
SITE CALCULATIONS		+	0.31c	11.61c	0.01c	N/A	N/A

D-Series Size 1 LED Area Luminaire

Specifications
 Size: 18" x 18" x 13"
 Length: 18"
 Width: 18"
 Height Mt: 13"
 Height Hz: 3-1/2"
 Weight: 27 lbs
 Finish: White

Introduction
 The modern styling of the D-Series is subtle yet unobtrusive - making a bold, progressive statement in any environment. The D-Series utilizes the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance and low power density, it is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with a service life of over 100,000 hours.

Ordering Information
EXAMPLE: DSX1 LED P7 48K T3M MWOLT SPA NL14R2 P1RIN DDBX0

Symbol	Beam	LED	Color Temperature	Mounting	Package	Shipping
DSX1LED						
Beam	P1	P4	P7	P8	P10	P12
LED	4800K	5000K	5600K	6000K	6500K	7000K
Color Temperature	3000K	3000K	3000K	3000K	3000K	3000K
Mounting	115	115	115	115	115	115
Package	115	115	115	115	115	115
Shipping	115	115	115	115	115	115

Shipping Included
 115: 115" Type I (see spec)
 115: 115" Type II (see spec)
 115: 115" Type III (see spec)
 115: 115" Type IV (see spec)
 115: 115" Type V (see spec)
 115: 115" Type VI (see spec)
 115: 115" Type VII (see spec)
 115: 115" Type VIII (see spec)
 115: 115" Type IX (see spec)
 115: 115" Type X (see spec)
 115: 115" Type XI (see spec)
 115: 115" Type XII (see spec)
 115: 115" Type XIII (see spec)
 115: 115" Type XIV (see spec)
 115: 115" Type XV (see spec)
 115: 115" Type XVI (see spec)
 115: 115" Type XVII (see spec)
 115: 115" Type XVIII (see spec)
 115: 115" Type XIX (see spec)
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ELLARD - WILLSON ENGINEERING LTD
 260 TOWN CENTRE BLVD., SUITE 202
 MARKHAM ONTARIO L3R-8H8
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LITHONIA LIGHTING
 COMMERCIAL OUTDOOR

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DSX1 LED
 August 13, 2011
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SMARTCENTRES
 6034 MAYFIELD RD
 CALEDON, ONTARIO, CANADA

PROFESSIONAL ENGINEER
 L. SUN
 1006-42032
 PROMISED BY THE BOARD

ELECTRICAL DETAILS
 DATE: JULY 26 2021
 ISSUED FOR OPA/ZBA

REMARKS

PA / PM:
 DRAWN BY: S.M.
 JOB NO.: TOR21-0082-00

SW-FC2
 SHEET

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