SCOTT COUNTY ADMIN EXTERIOR

07/13/15

ELECTRICAL CONTRACTOR

LIGHTING MAINTENANCE

ELECTRICAL DISTRIBUTOR:

5550 CAREY AVENUE
DAVENPORT, IA 52807
PHONE (563)-445-4241

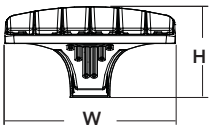
Project 15-19492-2 Date 7/10/2015
Scott County Admin Exterior lighting

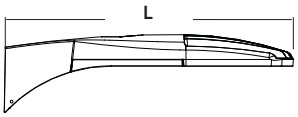
Submitted By
M & M LIGHTING SALES

Type	Manufacturer	Catalog Number	Qty	Notes
S2	ABL-HI-TEK	DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD	4	verify stnd finish & desired distribution
S2	ABL-HI-TEK	DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD	4	
S2-POLE	ABL-HI-TEK	SSS 25 4G DM28AS VD DDBXD	2	
S3	ABL-HI-TEK	DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD	4	
S3 POLE	ABL-HI-TEK	SSS 25 4G DM28AS VD DDBXD	2	
S4	ABL-HI-TEK	DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD	2	
S4	ABL-HI-TEK	DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD	2	
S4 POLE	ABL-HI-TEK	SSS 25 4G DM28AS VD DDBXD	1	
S5	ABL-HI-TEK	DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD	2	
S5 POLE	ABL-HI-TEK	SSS 25 4G DM19AS VD DDBXD	2	
S6	ABL-HI-TEK	DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD	2	
S6 POLE	ABL-HI-TEK	SSS 25 4G DM19AS VD DDBXD	2	
S5A	ABL-HI-TEK	DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD	4	
S5A-POLE	ABL-HI-TEK	SSS 25 4G DM19AS VD DDBXD	4	

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes verify stnd finish & desired distribution	Type S2

D-Series Size 0
LED Area Luminaire





Catalog Number: **DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD**

Notes:

Type: **S5A**

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

Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 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 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	T3M	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options			Other options		DDBXD Finish *(required)*	
Shipped installed			**Shipped installed**		DDBXD	Dark bronze
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30 Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DBLXD	Black
PER5	Five-wire receptacle only (no controls)[8,9]	BL50 Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DNAXD	Natural aluminum
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3 Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DWHXD	White
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3 Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DDBTXD	Textured dark bronze
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3 Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DBLBXD	Textured black
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3 Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DNATXD	Textured natural aluminum
PIRH	Motion sensor, 15-30' mounting height[12]				DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

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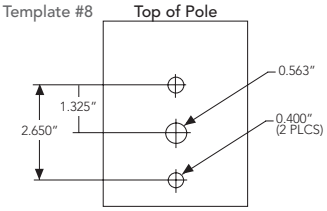
Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.
*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

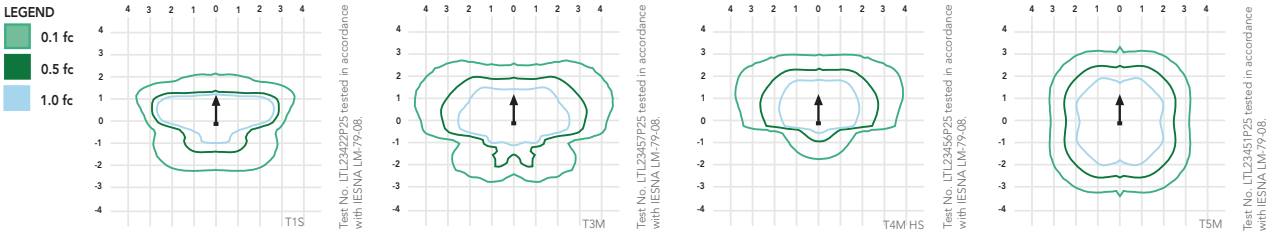
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

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Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

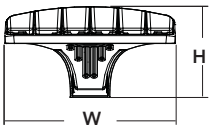
DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

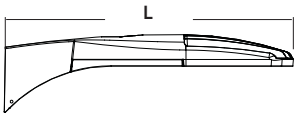
WARRANTY
Five-year limited warranty. Full warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S2

D-Series Size 0
LED Area Luminaire





Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)

Catalog Number	**DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD**
Notes	
Type	**S3**

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

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 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	TFTM	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options		Other options		DDBXD Finish *(required)*	
Shipped installed		**Shipped installed**		DDBXD	Dark bronze
PER	NEMA twist-lock receptacle only (no controls)[8]	HS	House-side shield[14]	DBLXD	Black
PER5	Five-wire receptacle only (no controls)[8,9]	SF	Single fuse (120, 277, 347V)[15]	DNAXD	Natural aluminum
PER7	Seven-wire receptacle only (no controls)[8,9]	DF	Double fuse (208, 240, 480V)[15]	DWHXD	White
DMG	0-10V dimming driver (no controls)[10]	L90	Left rotated optics[1]	DDBTXD	Textured dark bronze
DCR	Dimmable and controllable via ROAM® (no controls)[11]	R90	Right rotated optics[1]	DBLBXD	Textured black
PIR	Motion sensor, 8-15' mounting height[12]	DDL	Diffused drop lens[14]	DNATXD	Textured natural aluminum
PIRH	Motion sensor, 15-30' mounting height[12]			DWHGXD	Textured white
BL30	Bi-level switched dimming, 30%[13]				
BL50	Bi-level switched dimming, 50%[13]				
PNMTDD3	Part night, dim till dawn[13]				
PNMT5D3	Part night, dim 5 hrs[13]				
PNMT6D3	Part night, dim 6 hrs[13]				
PNMT7D3	Part night, dim 7 hrs[13]				

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

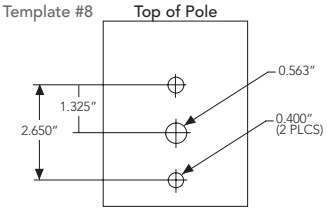
NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S2

Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.

**For round pole mounting (RPA) only.

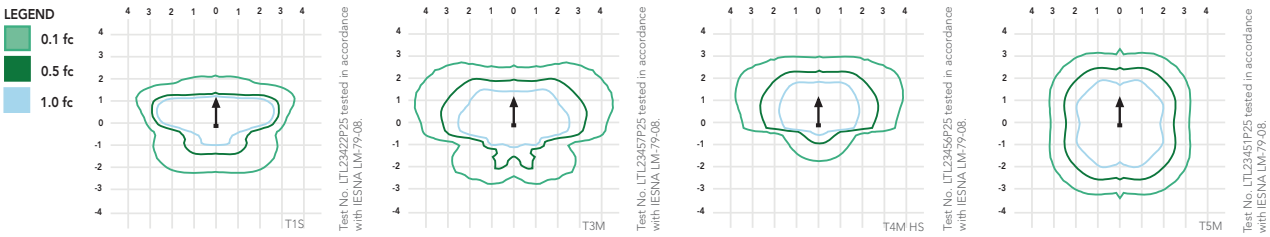
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S2

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S2

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM28AS VD DDBXD Notes	Type S2-POLE

LITHONIA LIGHTING®

Catalog Number	SSS 25 4G DM28AS VD DDBXD
Notes	
Type	S4

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

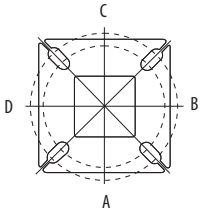
Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM28AS	VD	DDBXD
Series	**Nominal fixture mounting height**	**Nominal shaft base size/wall thickness**	**Mounting**[1]	**Options**	**Finish**[10]
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) Drill mounting[2] DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting[2,3] DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting[2,3] DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture)[4,5] FDLxx Festoon outlet less electrical[4] CPL12xx 1/2" coupling[4] CPL34xx 3/4" coupling[4] CPL1xx 1" coupling[4] NPL12xx 1/2" threaded nipple[4] NPL34xx 3/4" threaded nipple[4] NPL1xx 1" threaded nipple[4] EHHxx Extra handhole[4,6] MAEX Match existiing[7] USPOM United States point of manufacture[8] IC Interior coating[9]	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish)[10]

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

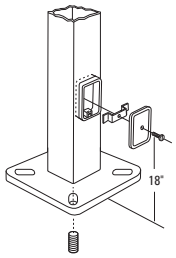
Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM28AS VD DDBXD Notes	Type S2-POLE

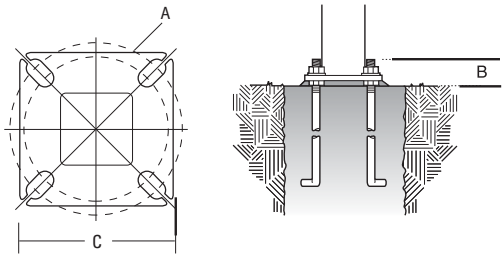
SSS Square Straight Steel Poles

TECHNICAL INFORMATION

					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL





POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"–12"	3-3/8"–4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"–13"	3-3/8"–4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

IMPORTANT:

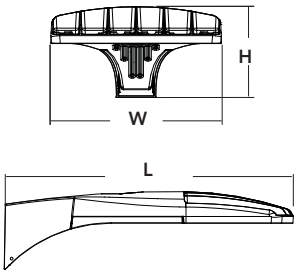
• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-279-8041 Fax: 770-981-1209 www.lithonia.com

Rev. 08/08/12

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S3

D-Series Size 0
LED Area Luminaire



Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)

Catalog Number	**DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD**
Notes	
Type	**S3**

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

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 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	TFTM	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options			Other options		DDBXD Finish *(required)*	
Shipped installed			**Shipped installed**			
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30 Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DDBXD	Dark bronze
PER5	Five-wire receptacle only (no controls)[8,9]	BL50 Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DBLXD	Black
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3 Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DNAXD	Natural aluminum
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3 Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DWHXD	White
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3 Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DDBTXD	Textured dark bronze
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3 Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DBLBXD	Textured black
PIRH	Motion sensor, 15-30' mounting height[12]				DNATXD	Textured natural aluminum
					DWHGXD	Textured white

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

Controls & Shields

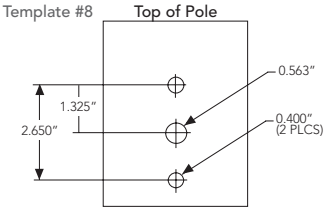
NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S3

Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.
*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

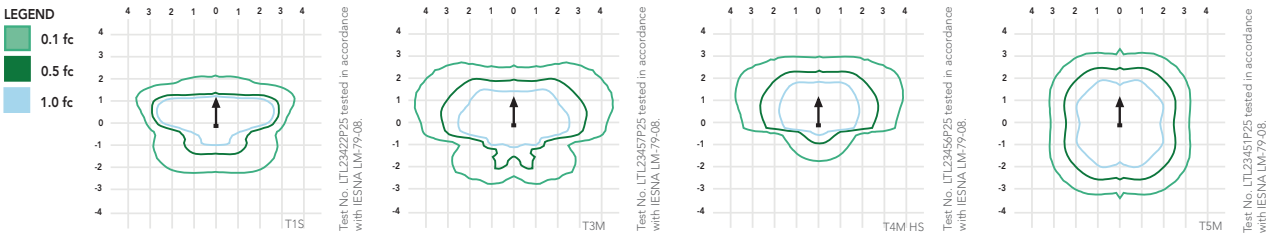
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S3

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K TFTM MVOLT SPA DDBXD Notes	Type S3

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM28AS VD DDBXD Notes	Type S3 POLE

LITHONIA LIGHTING®

Catalog Number	SSS 25 4G DM28AS VD DDBXD
Notes	
Type	S4

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

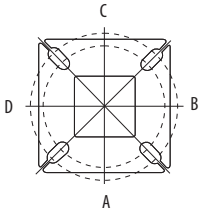
Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM28AS	VD	DDBXD
Series	**Nominal fixture mounting height**	**Nominal shaft base size/wall thickness**	**Mounting**[1]	**Options**	**Finish**[10]
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) Drill mounting[2] DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting[2,3] DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting[2,3] DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture)[4,5] FDLxx Festoon outlet less electrical[4] CPL12xx 1/2" coupling[4] CPL34xx 3/4" coupling[4] CPL1xx 1" coupling[4] NPL12xx 1/2" threaded nipple[4] NPL34xx 3/4" threaded nipple[4] NPL1xx 1" threaded nipple[4] EHHxx Extra handhole[4,6] MAEX Match existiing[7] USPOM United States point of manufacture[8] IC Interior coating[9]	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish)[10]

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

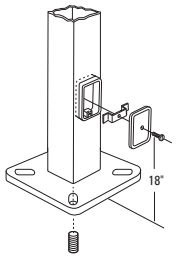
- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM28AS VD DDBXD Notes	Type S3 POLE

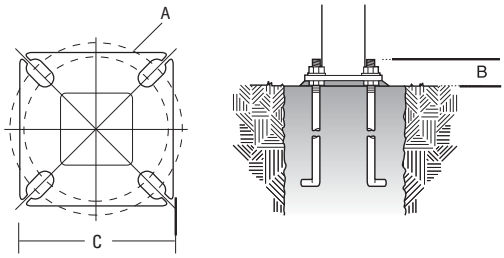
SSS Square Straight Steel Poles

TECHNICAL INFORMATION													
					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"–12"	3-3/8"–4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"–13"	3-3/8"–4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A



IMPORTANT:

• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

LITHONIA LIGHTING®
An AcuityBrands Company

POLE-SSS

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-279-8041 Fax: 770-981-1209 www.lithonia.com Rev. 08/08/12

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S4

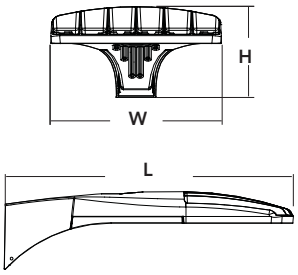
D-Series Size 0
LED Area Luminaire

Catalog Number	DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD
Notes	
Type	S5A

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

Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 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 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	T3M	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options			Other options		DDBXD Finish *(required)*	
Shipped installed			**Shipped installed**		DDBXD	Dark bronze
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30 Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DBLXD	Black
PER5	Five-wire receptacle only (no controls)[8,9]	BL50 Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DNAXD	Natural aluminum
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3 Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DWHXD	White
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3 Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DDBTXD	Textured dark bronze
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3 Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DBLBXD	Textured black
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3 Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DNATXD	Textured natural aluminum
PIRH	Motion sensor, 15-30' mounting height[12]				DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

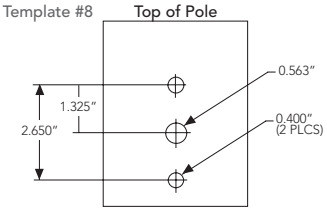
NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S4

Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.
*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

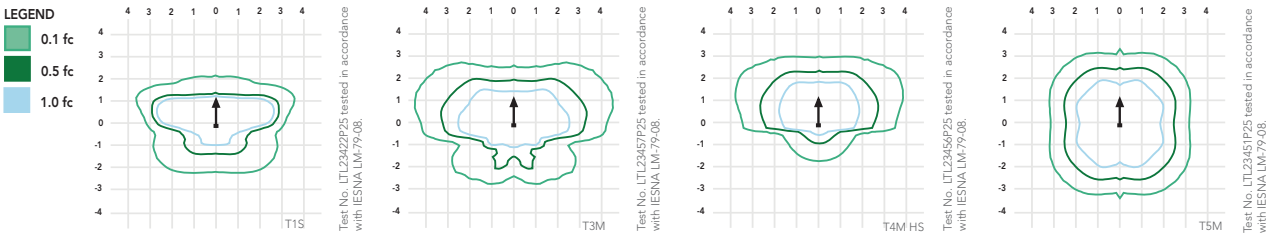
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S4

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S4

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD Notes	Type S4

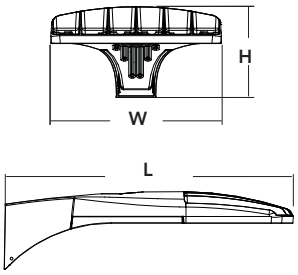
D-Series Size 0
LED Area Luminaire

Catalog Number	DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD
Notes	
Type	S6

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

Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 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 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	T2M	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options			Other options		DDBXD Finish *(required)*	
Shipped installed			**Shipped installed**		DDBXD	Dark bronze
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30 Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DBLXD	Black
PER5	Five-wire receptacle only (no controls)[8,9]	BL50 Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DNAXD	Natural aluminum
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3 Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DWHXD	White
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3 Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DDBTXD	Textured dark bronze
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3 Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DBLBXD	Textured black
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3 Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DNATXD	Textured natural aluminum
PIRH	Motion sensor, 15-30' mounting height[12]				DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

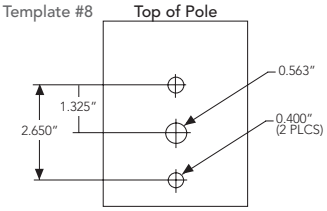
NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD Notes	Type S4

Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.
*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

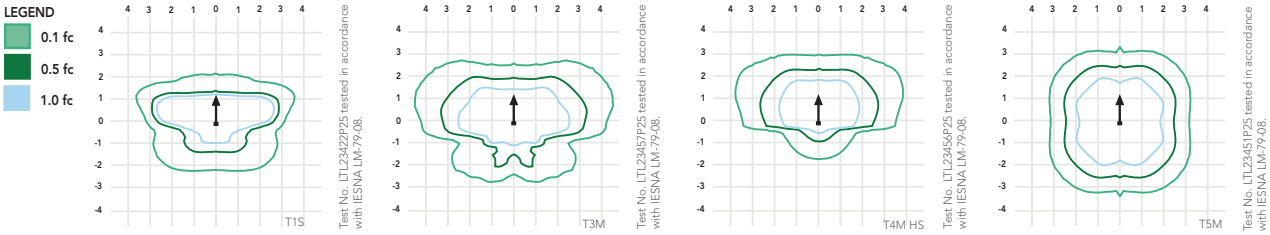
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

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Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM28AS VD DDBXD Notes	Type S4 POLE

LITHONIA LIGHTING®

Catalog Number	SSS 25 4G DM28AS VD DDBXD
Notes	
Type	S4

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

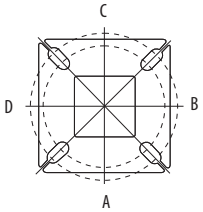
Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM28AS	VD	DDBXD
Series	**Nominal fixture mounting height**	**Nominal shaft base size/wall thickness**	**Mounting**[1]	**Options**	**Finish**[10]
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) Drill mounting[2] DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting[2,3] DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting[2,3] DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture)[4,5] FDLxx Festoon outlet less electrical[4] CPL12xx 1/2" coupling[4] CPL34xx 3/4" coupling[4] CPL1xx 1" coupling[4] NPL12xx 1/2" threaded nipple[4] NPL34xx 3/4" threaded nipple[4] NPL1xx 1" threaded nipple[4] EHHxx Extra handhole[4,6] MAEX Match existiing[7] USPOM United States point of manufacture[8] IC Interior coating[9]	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish)[10]

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

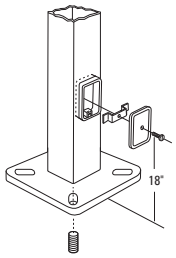
- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM28AS VD DDBXD Notes	Type S4 POLE

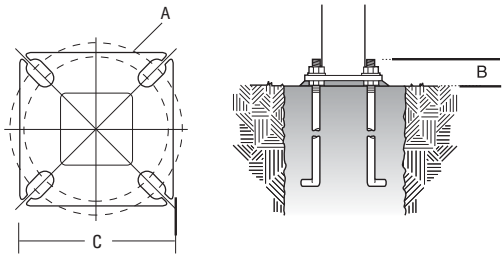
SSS Square Straight Steel Poles

TECHNICAL INFORMATION													
					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"–12"	3-3/8"–4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"–13"	3-3/8"–4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

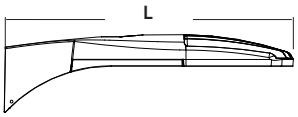


IMPORTANT:

• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5

D-Series Size 0
LED Area Luminaire



Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)

Catalog Number **DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD**

Notes

Type **S5A**

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

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 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	T3M	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options				Other options		DDBXD Finish *(required)*	
Shipped installed				**Shipped installed**			
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30	Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DDBXD	Dark bronze
PER5	Five-wire receptacle only (no controls)[8,9]	BL50	Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DBLXD	Black
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3	Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DNAXD	Natural aluminum
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3	Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DWHXD	White
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3	Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DDBTXD	Textured dark bronze
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3	Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DBLBXD	Textured black
PIRH	Motion sensor, 15-30' mounting height[12]					DNATXD	Textured natural aluminum
						DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

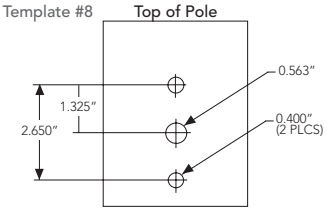
NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5

Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.
*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

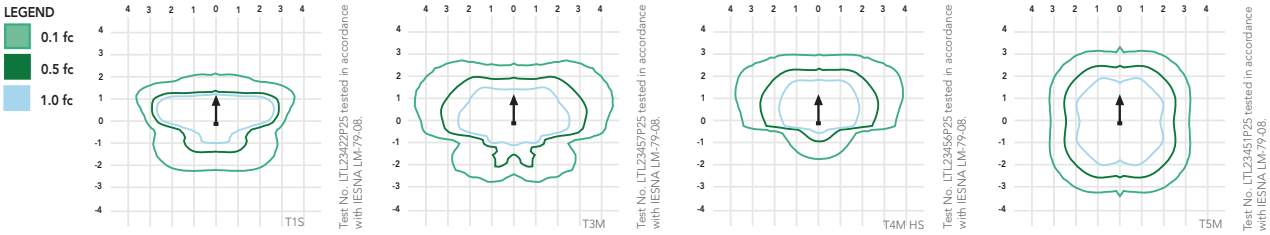
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM19AS VD DDBXD Notes	Type S5 POLE

LITHONIA LIGHTING®

Catalog Number	SSS 25 4G DM19AS VD DDBXD
Notes	
Type	S5A

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

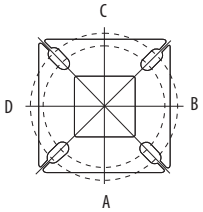
Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM19AS	VD	DDBXD
Series	**Nominal fixture mounting height**	**Nominal shaft base size/wall thickness**	**Mounting**[1]	**Options**	**Finish**[10]
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) Drill mounting[2] DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting[2,3] DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting[2,3] DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture)[4,5] FDLxx Festoon outlet less electrical[4] CPL12xx 1/2" coupling[4] CPL34xx 3/4" coupling[4] CPL1xx 1" coupling[4] NPL12xx 1/2" threaded nipple[4] NPL34xx 3/4" threaded nipple[4] NPL1xx 1" threaded nipple[4] EHHxx Extra handhole[4,6] MAEX Match existiing[7] USPOM United States point of manufacture[8] IC Interior coating[9]	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish)[10]

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

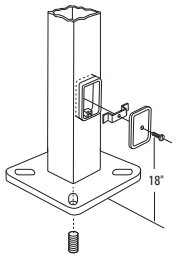
- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM19AS VD DDBXD Notes	Type S5 POLE

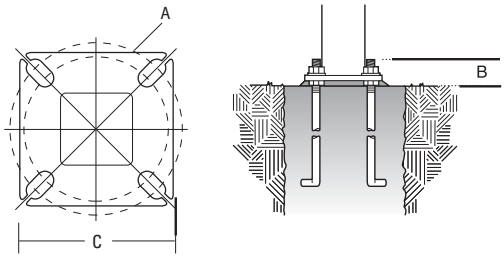
SSS Square Straight Steel Poles

TECHNICAL INFORMATION													
					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"–12"	3-3/8"–4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"–13"	3-3/8"–4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

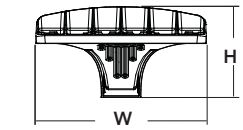


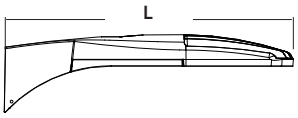
IMPORTANT:

• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD Notes	Type S6

D-Series Size 0
LED Area Luminaire





Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)

Catalog Number **DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD**

Notes

Type **S6**

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

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 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	T2M	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options				Other options		DDBXD Finish *(required)*	
Shipped installed				**Shipped installed**			
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30	Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DDBXD	Dark bronze
PER5	Five-wire receptacle only (no controls)[8,9]	BL50	Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DBLXD	Black
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3	Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DNAXD	Natural aluminum
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3	Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DWHXD	White
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3	Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DDBTXD	Textured dark bronze
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3	Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DBLBXD	Textured black
PIRH	Motion sensor, 15-30' mounting height[12]					DNATXD	Textured natural aluminum
						DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

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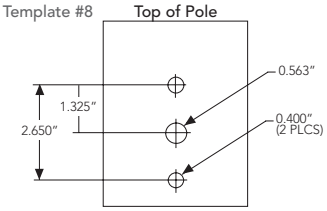
Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.

**For round pole mounting (RPA) only.

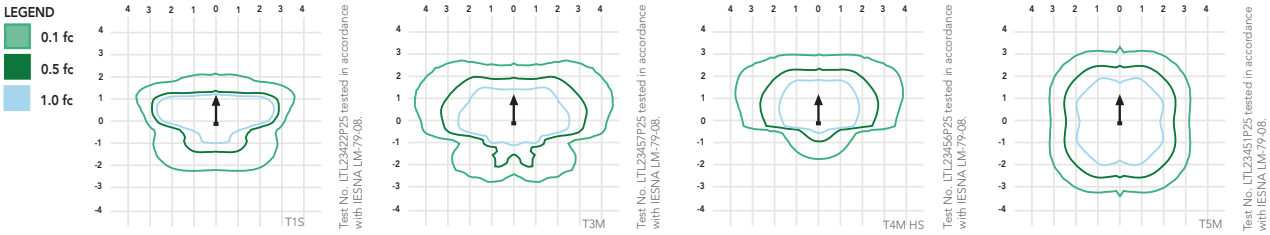
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T2M MVOLT SPA DDBXD Notes	Type S6

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM19AS VD DDBXD Notes	Type S6 POLE

LITHONIA LIGHTING®

Catalog Number	SSS 25 4G DM19AS VD DDBXD
Notes	
Type	S5A

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

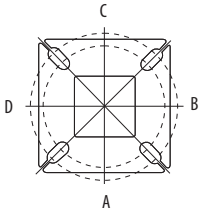
Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM19AS	VD	DDBXD
Series	**Nominal fixture mounting height**	**Nominal shaft base size/wall thickness**	**Mounting**[1]	**Options**	**Finish**[10]
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) Drill mounting[2] DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting[2,3] DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting[2,3] DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture)[4,5] FDLxx Festoon outlet less electrical[4] CPL12xx 1/2" coupling[4] CPL34xx 3/4" coupling[4] CPL1xx 1" coupling[4] NPL12xx 1/2" threaded nipple[4] NPL34xx 3/4" threaded nipple[4] NPL1xx 1" threaded nipple[4] EHHxx Extra handhole[4,6] MAEX Match existiing[7] USPOM United States point of manufacture[8] IC Interior coating[9]	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish)[10]

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

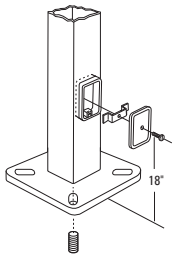
Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM19AS VD DDBXD Notes	Type S6 POLE

SSS Square Straight Steel Poles

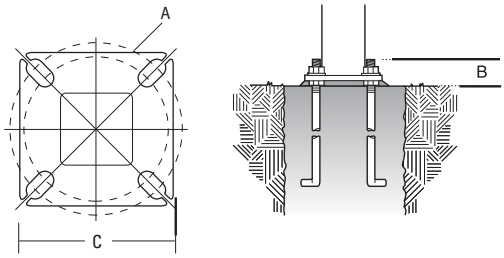
TECHNICAL INFORMATION

					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"–12"	3-3/8"–4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"–13"	3-3/8"–4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

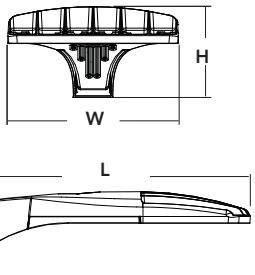


IMPORTANT:

• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5A

D-Series Size 0
LED Area Luminaire



Specifications

EPA:	0.8 ft² (.07 m²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)

Catalog Number **DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD**

Notes

Type **S5A**

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

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 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED	40C	700	40K	T3M	MVOLT	SPA
Series	**LEDs**	**Drive current**	**Color temperature**	**Distribution**	**Voltage**	**Mounting**
DSX0 LED	**Forward optics** 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) **Rotated optics**[1] 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A)[2]	30K 3000 K 80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted[3]	T1S Type I short 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 T5S Type V short T5M Type V medium T5W Type V wide	MVOLT[4] 120[4] 208[4] 240[4] 277[4] 347[5] 480[5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately**[7] KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options				Other options		DDBXD Finish *(required)*	
Shipped installed				**Shipped installed**			
PER	NEMA twist-lock receptacle only (no controls)[8]	BL30	Bi-level switched dimming, 30%[13]	HS	House-side shield[14]	DDBXD	Dark bronze
PER5	Five-wire receptacle only (no controls)[8,9]	BL50	Bi-level switched dimming, 50%[13]	SF	Single fuse (120, 277, 347V)[15]	DBLXD	Black
PER7	Seven-wire receptacle only (no controls)[8,9]	PNMTDD3	Part night, dim till dawn[13]	DF	Double fuse (208, 240, 480V)[15]	DNAXD	Natural aluminum
DMG	0-10V dimming driver (no controls)[10]	PNMT5D3	Part night, dim 5 hrs[13]	L90	Left rotated optics[1]	DWHXD	White
DCR	Dimmable and controllable via ROAM® (no controls)[11]	PNMT6D3	Part night, dim 6 hrs[13]	R90	Right rotated optics[1]	DDBTXD	Textured dark bronze
PIR	Motion sensor, 8-15' mounting height[12]	PNMT7D3	Part night, dim 7 hrs[13]	DDL	Diffused drop lens[14]	DBLBXD	Textured black
PIRH	Motion sensor, 15-30' mounting height[12]					DNATXD	Textured natural aluminum
						DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[16]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[16]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[16]
SC U	Shorting cap[16]
DSX0HS 20C U	House-side shield for 20 LED unit[14]
DSX0HS 30C U	House-side shield for 30 LED unit[14]
DSX0HS 40C U	House-side shield for 40 LED unit[14]
DSX0DDL U	Diffused drop lens (polycarbonate)[14]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)[7]

For more control options, visit DTL and ROAM online.

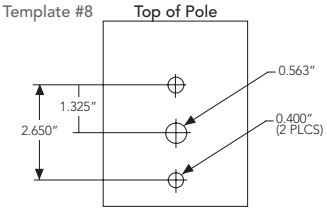
NOTES

1. 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
2. 1000mA is not available with AMBPC.
3. AMBPC only available with 530mA or 700mA.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
5. Not available with single-board, 530 mA product (20C 530 or 30C 530). Not available with DCR, BL30, or BL50.
6. Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
7. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
9. If ROAM node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
10. DMG option for 347v or 480v requires 1000mA.
11. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A BL30, BL50, PIR, or PIRH.
12. PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DCR.
13. Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with DCR.
14. Also available as a separate accessory; see Accessories information. HS and DDL are not available together.
15. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
16. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5A

Drilling

Template #8



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	**DM29AS**	2 at 90° *
DM28AS	2 at 180°	**DM39AS**	3 at 90° *
DM49AS	4 at 90° *	**DM32AS**	3 at 120° **

Example: SSA 20 4C **DM19AS** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.
*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

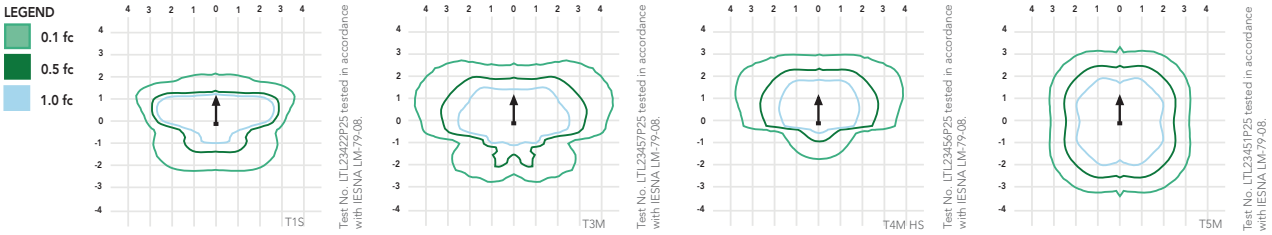
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area homepage.

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.97	0.94	0.90
	DSX0 LED 40C 1000			
	1	0.94	0.90	0.84
	DSX0 LED 40C 700			
	1	0.99	0.98	0.96

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A) 120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5A

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	3,174	1	0	1	91	3,971	1	0	1	113	4,001	1	0	1	114	2,541	1	0	1	73
			T2S	3,234	1	0	1	92	4,045	1	0	1	116	4,075	1	0	1	116	2,589	1	0	1	74
			T2M	3,171	1	0	1	91	3,967	1	0	1	113	3,997	1	0	1	114	2,539	1	0	1	73
			T3S	3,195	1	0	1	91	3,997	1	0	1	114	4,027	1	0	1	115	2,558	1	0	1	73
			T3M	3,226	1	0	1	92	4,036	1	0	1	115	4,066	1	0	1	116	2,583	1	0	1	74
			T4M	3,210	1	0	1	92	4,015	1	0	1	115	4,045	1	0	1	116	2,570	1	0	1	73
			TFTM	3,173	1	0	1	91	3,969	1	0	2	113	3,999	1	0	2	114	2,540	1	0	1	73
			T5VS	3,310	2	0	0	95	4,140	2	0	0	118	4,172	2	0	0	119	2,650	1	0	0	76
			T5S	3,360	2	0	2	96	4,203	2	0	0	120	4,235	2	0	0	121	2,690	1	0	0	77
			T5M	3,320	2	0	1	95	4,153	3	0	1	119	4,184	3	0	1	120	2,658	2	0	0	76
			T5W	3,327	3	0	1	95	4,161	3	0	1	119	4,193	3	0	1	120	2,663	2	0	1	76
	700 mA	45 W	T1S	3,927	1	0	1	87	4,913	1	0	1	109	4,950	1	0	1	110	3,144	1	0	1	70
			T2S	4,000	1	0	1	89	5,004	1	0	1	111	5,042	1	0	1	112	3,203	1	0	1	71
			T2M	3,924	1	0	1	87	4,908	1	0	1	109	4,945	1	0	1	110	3,141	1	0	1	70
			T3S	3,953	1	0	1	88	4,945	1	0	1	110	4,982	1	0	1	111	3,165	1	0	1	70
			T3M	3,991	1	0	1	89	4,994	1	0	2	111	5,031	1	0	2	112	3,196	1	0	1	71
			T4M	3,971	1	0	1	88	4,967	1	0	2	110	5,005	1	0	2	111	3,179	1	0	1	71
			TFTM	3,925	1	0	2	87	4,910	1	0	2	109	4,947	1	0	2	110	3,143	1	0	1	70
			T5VS	4,095	2	0	0	91	5,122	2	0	0	114	5,161	2	0	0	115	3,278	2	0	0	73
			T5S	4,157	2	0	0	92	5,200	2	0	0	116	5,239	2	0	0	116	3,328	2	0	0	74
			T5M	4,107	3	0	1	91	5,138	3	0	1	114	5,177	3	0	1	115	3,288	2	0	1	73
			T5W	4,116	3	0	1	91	5,148	3	0	1	114	5,187	3	0	1	115	3,295	2	0	1	73
	1000 mA	72 W	T1S	5,387	1	0	1	75	6,739	2	0	2	94	6,790	2	0	2	94					
			T2S	5,488	1	0	1	76	6,865	2	0	2	95	6,917	2	0	2	96					
			T2M	5,382	1	0	2	75	6,733	2	0	2	94	6,784	2	0	2	94					
			T3S	5,423	1	0	1	75	6,784	2	0	2	94	6,835	2	0	2	95					
			T3M	5,475	1	0	2	76	6,850	2	0	2	95	6,901	2	0	2	96					
			T4M	5,447	1	0	2	76	6,814	2	0	2	95	6,866	2	0	2	95					
			TFTM	5,385	1	0	2	75	6,736	1	0	2	94	6,787	1	0	2	94					
			T5VS	5,617	2	0	0	78	7,027	3	0	0	98	7,080	3	0	0	98					
			T5S	5,702	2	0	0	79	7,133	2	0	0	99	7,187	2	0	0	100					
			T5M	5,634	3	0	1	78	7,048	3	0	1	98	7,101	3	0	1	99					
			T5W	5,646	3	0	1	78	7,063	3	0	2	98	7,116	3	0	2	99					
40C (40 LEDs)	530 mA	68 W	T1S	6,093	2	0	2	90	7,622	2	0	2	112	7,679	2	0	2	113	4,878	1	0	1	72
			T2S	6,207	2	0	2	91	7,764	2	0	2	114	7,823	2	0	2	115	4,969	1	0	1	73
			T2M	6,087	2	0	2	90	7,615	2	0	2	112	7,672	2	0	2	113	4,874	1	0	1	72
			T3S	6,133	1	0	2	90	7,672	2	0	2	113	7,730	2	0	2	114	4,910	1	0	1	72
			T3M	6,193	2	0	2	91	7,747	2	0	2	114	7,805	2	0	2	115	4,958	1	0	2	73
			T4M	6,161	1	0	2	91	7,707	2	0	2	113	7,765	2	0	2	114	4,932	1	0	2	73
			TFTM	6,090	1	0	2	90	7,618	2	0	2	112	7,676	2	0	2	113	4,876	1	0	2	72
			T5VS	6,353	2	0	0	93	7,947	3	0	0	117	8,007	3	0	0	118	5,086	2	0	0	75
			T5S	6,449	2	0	0	95	8,068	3	0	1	119	8,128	3	0	1	120	5,163	2	0	0	76
			T5M	6,372	3	0	1	94	7,971	3	0	2	117	8,031	3	0	2	118	5,102	3	0	1	75
			T5W	6,385	3	0	2	94	7,988	3	0	2	117	8,048	3	0	2	118	5,112	3	0	1	75
	700 mA	91 W	T1S	7,752	2	0	2	85	9,697	2	0	2	107	9,770	2	0	2	107	6,206	2	0	2	68
			T2S	7,897	2	0	2	87	9,878	2	0	2	109	9,953	2	0	2	109	6,322	2	0	2	69
			T2M	7,745	2	0	2	85	9,688	2	0	2	106	9,761	2	0	2	107	6,201	2	0	2	68
			T3S	7,803	2	0	2	86	9,761	2	0	2	107	9,834	2	0	2	108	6,247	1	0	2	69
			T3M	7,879	2	0	2	87	9,856	2	0	2	108	9,930	2	0	2	109	6,308	2	0	2	69
			T4M	7,838	2	0	2	86	9,805	2	0	2	108	9,879	2	0	2	109	6,275	1	0	2	69
			TFTM	7,748	2	0	2	85	9,693	2	0	3	107	9,765	2	0	3	107	6,203	1	0	2	68
			T5VS	8,083	3	0	0	89	10,111	3	0	1	111	10,187	3	0	1	112	6,569	2	0	0	72
			T5S	8,205	3	0	1	90	10,264	3	0	1	113	10,341	3	0	1	114	6,569	2	0	0	72
			T5M	8,107	3	0	2	89	10,142	3	0	2	111	10,218	3	0	2	112	6,491	3	0	1	71
			T5W	8,124	3	0	2	89	10,163	4	0	2	112	10,239	4	0	2	113	6,504	3	0	2	71
	1000 mA	138 W	T1S	10,435	2	0	2	76	13,054	3	0	3	95	13,152	3	0	3	95					
			T2S	10,630	2	0	2	77	13,297	3	0	3	96	13,398	3	0	3	97					
			T2M	10,426	2	0	2	76	13,042	3	0	3	95	13,140	3	0	3	95					
			T3S	10,503	2	0	2	76	13,139	2	0	2	95	13,238	2	0	2	96					
			T3M	10,606	2	0	2	77	13,267	3	0	3	96	13,367	3	0	3	97					
			T4M	10,551	2	0	2	76	13,199	3	0	3	96	13,298	3	0	3	96					
			TFTM	10,430	2	0	3	76	13,047	2	0	3	95	13,146	2	0	3	95					
			T5VS	10,881	3	0	1	79	13,611	3	0	1	99	13,714	4	0	1	99					
			T5S	11,045	3	0	1	80	13,817	3	0	1	100	13,921	3	0	1	101					
			T5M	10,914	4	0	2	79	13,652	4	0	2	99	13,755	4	0	2	100					
			T5W	10,936	4	0	2	79	13,680	4	0	2	99	13,783	4	0	2	100					

Lighting up the future	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number DSX0 LED 40C 700 40K T3M MVOLT SPA DDBXD Notes	Type S5A

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	4,797	2	0	2	92	6,001	2	0	2	115	6,046	2	0	2	116	3,841	2	0	2	74
			T2S	4,887	2	0	2	94	6,113	2	0	2	118	6,159	3	0	3	118	3,912	2	0	2	75
			T2M	4,793	2	0	2	92	5,996	3	0	3	115	6,041	3	0	3	116	3,837	2	0	2	74
			T3S	4,829	2	0	2	93	6,041	3	0	3	116	6,086	3	0	3	117	3,866	2	0	2	74
			T3M	4,876	3	0	3	94	6,099	3	0	3	117	6,145	3	0	3	118	3,904	2	0	2	75
			T4M	4,851	3	0	3	93	6,068	3	0	3	117	6,114	3	0	3	118	3,884	2	0	2	75
			TFTM	4,795	3	0	3	92	5,998	3	0	3	115	6,043	3	0	3	116	3,839	2	0	2	74
			T5VS	5,002	2	0	0	96	6,258	2	0	0	120	6,305	2	0	0	121	4,005	2	0	0	77
			T5S	5,078	2	0	0	98	6,352	2	0	0	122	6,400	2	0	0	123	4,065	2	0	0	78
			T5M	5,017	3	0	1	96	6,276	3	0	1	121	6,324	3	0	1	122	4,017	2	0	1	77
			T5W	5,028	3	0	1	97	6,289	3	0	2	121	6,337	3	0	2	122	4,025	3	0	1	77
	700 mA	70 W	T1S	5,975	2	0	2	85	7,474	3	0	3	107	7,530	3	0	3	108	4,783	2	0	2	68
			T2S	6,086	2	0	2	87	7,614	3	0	3	109	7,671	3	0	3	110	4,873	2	0	2	70
			T2M	5,969	3	0	3	85	7,467	3	0	3	107	7,524	3	0	3	107	4,779	2	0	2	68
			T3S	6,014	3	0	3	86	7,523	3	0	3	107	7,580	3	0	3	108	4,815	2	0	2	69
			T3M	6,072	3	0	3	87	7,596	3	0	3	109	7,654	3	0	3	109	4,862	3	0	3	69
			T4M	6,041	3	0	3	86	7,557	3	0	3	108	7,614	3	0	3	109	4,837	3	0	3	69
			TFTM	5,972	3	0	3	85	7,471	3	0	3	107	7,527	3	0	3	108	4,781	3	0	3	68
			T5VS	6,230	2	0	0	89	7,793	3	0	0	111	7,852	3	0	0	112	4,988	2	0	0	71
			T5S	6,324	2	0	0	90	7,911	3	0	1	113	7,971	3	0	1	114	5,063	2	0	0	72
			T5M	6,249	3	0	1	89	7,817	3	0	2	112	7,876	3	0	2	113	5,003	3	0	1	71
			T5W	6,262	3	0	2	89	7,833	3	0	2	112	7,892	3	0	2	113	5,013	3	0	1	72
	1000 mA	104 W	T1S	7,956	3	0	3	76	9,952	3	0	3	96	10,027	3	0	3	96					
			T2S	8,104	3	0	3	78	10,138	3	0	3	97	10,214	3	0	3	98					
			T2M	7,949	3	0	3	76	9,943	3	0	3	96	10,018	3	0	3	96					
			T3S	8,008	3	0	3	77	10,018	3	0	3	96	10,093	3	0	3	97					
			T3M	8,086	3	0	3	78	10,115	4	0	4	97	10,191	4	0	4	98					
			T4M	8,044	3	0	3	77	10,063	3	0	3	97	10,139	3	0	3	97					
			TFTM	7,952	3	0	3	76	9,948	3	0	3	96	10,022	4	0	4	96					
			T5VS	8,296	3	0	0	80	10,377	3	0	1	100	10,455	3	0	1	101					
			T5S	8,421	3	0	1	81	10,534	3	0	1	101	10,613	3	0	1	102					
			T5M	8,321	3	0	2	80	10,409	4	0	2	100	10,487	4	0	2	101					
			T5W	8,338	4	0	2	80	10,430	4	0	2	100	10,509	4	0	2	101					

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 (0.8 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 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 L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS
UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full 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.

Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM19AS VD DDBXD Notes	Type S5A-POLE

LITHONIA LIGHTING®

Catalog Number	SSS 25 4G DM19AS VD DDBXD
Notes	
Type	S5A

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

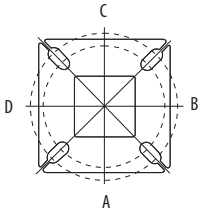
Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM19AS	VD	DDBXD
Series	**Nominal fixture mounting height**	**Nominal shaft base size/wall thickness**	**Mounting**[1]	**Options**	**Finish**[10]
SSS	10 – 39 feet (See back page.)	(See back page.)	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) Drill mounting[2] DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting[2,3] DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° OMERO™ Suspend drill mounting[2,3] DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	Shipped installed L/AB Less anchor bolts VD Vibration damper TP Tamper proof H1-18Sxx Horizontal arm bracket (1 fixture)[4,5] FDLxx Festoon outlet less electrical[4] CPL12xx 1/2" coupling[4] CPL34xx 3/4" coupling[4] CPL1xx 1" coupling[4] NPL12xx 1/2" threaded nipple[4] NPL34xx 3/4" threaded nipple[4] NPL1xx 1" threaded nipple[4] EHHxx Extra handhole[4,6] MAEX Match existiing[7] USPOM United States point of manufacture[8] IC Interior coating[9]	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Architectural colors (powder finish)[10]

NOTES:

1. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
2. The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
3. Insert "1" or "2" to designate fixture size; e.g. DM19AST**2**.
4. Specify location and orientation when ordering option.
   For 1st "x": Specify the height in feet above base of pole.
   Example: 5ft = 5 and 20ft = 20
   For 2nd "x": Specify orientation from handhole (A,B,C,D)
   Refer to the Handhole Orientation diagram above.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
6. Combination of tenon-top and drill mount includes extra handhole.
7. Must add original order number
8. Use when mill certifications are required.
9. Provides enhanced corrosion resistance.
10. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

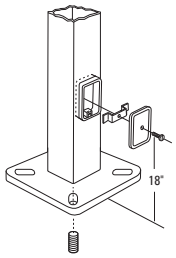
Lighting up the future M&M Lighting Sales	Project 15-19492-2 Date 7/10/2015 Scott County Admin Exterior lighting Submitted By M & M LIGHTING SALES	Catalog Number SSS 25 4G DM19AS VD DDBXD Notes	Type S5A-POLE

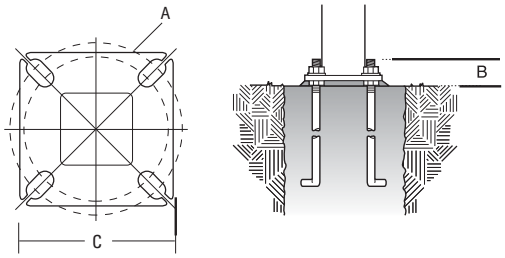
SSS Square Straight Steel Poles

TECHNICAL INFORMATION

					EPA (ft^2) with 1.3 gust								
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight	Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL





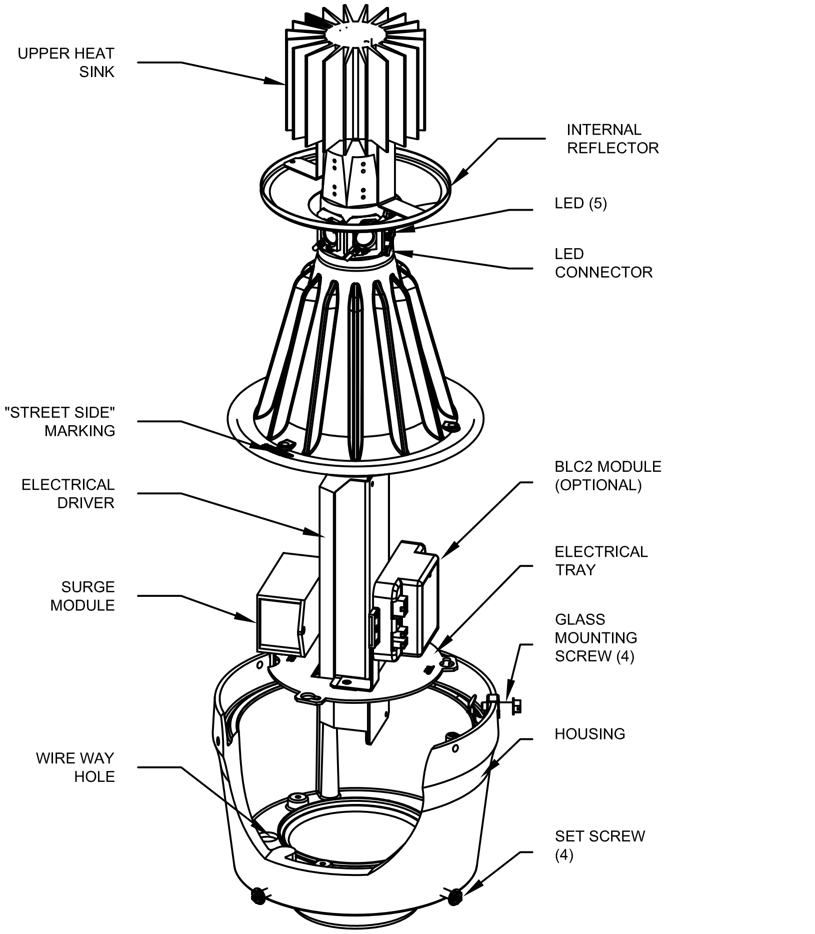
POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"–4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"–12"	3-3/8"–4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"–13"	3-3/8"–4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

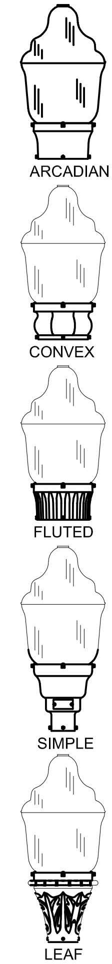
IMPORTANT:

• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-279-8041 Fax: 770-981-1209 www.lithonia.com

Rev. 08/08/12





GVD RETRO TRADITIONAL

DECORATIVE OUTDOOR

HOLOPHANE® LEADER IN LIGHTING SOLUTIONS
An Acuity Brands Company

ORDERING INFORMATION:

GVDRETRO | 80 | 5K | AS | S | U | 5

CASTING
GVDRETRO = GRANVILLE II LED RETROFIT

SOURCE & WATTAGE BALLAST (LED DRIVER)
80 = 80 W (420mA)
60 = 60 W (315mA)
40 = 40 W (215mA)

COLOR TEMPERATURE
3K = 3000 K CCT
4K = 4000 K CCT
5K = 5000 K CCT

VOLTAGE
AS = AUTO-SENSING VOLTAGE (120 THRU 277 V)
AH = AUTO-SENSING VOLTAGE (347 THRU 480 V)
D1 = 40W 120, 208V DLC APPROVED
D2 = 40W 240, 277V DLC APPROVED

HOUSING
A = ARCADIAN
C = CONVEX
F = FLUTED
L = LEAF
S = SIMPLE

HOUSING COLOR
A = AS SPECIFIED
B = BLACK
N = GREEN
Z = BRONZE
U = UNFINISHED

OPTICS
3 = IES TYPE III DISTRIBUTION
5 = IES TYPE V DISTRIBUTION
6 = ASYMMETRIC LUNAR OPTIC (AVAILABLE IN 60W, 40W ONLY)
8 = SYMMETRIC LUNAR OPTIC (AVAILABLE IN 60W,40W ONLY)

OPTIONS
DM = DIMMING DRIVER (AS VOLTAGE 40, 60, 80W AS VOLTAGE ONLY)

ACCESSORIES
GVD12X = PHOTOCONTROL KIT WITH DTL PHOTOCELL
GVD27X = PHOTOCONTROL KIT WITH DTL PHOTOCELL
GVD34X = PHOTOCONTROL KIT WITH DTL PHOTOCELL

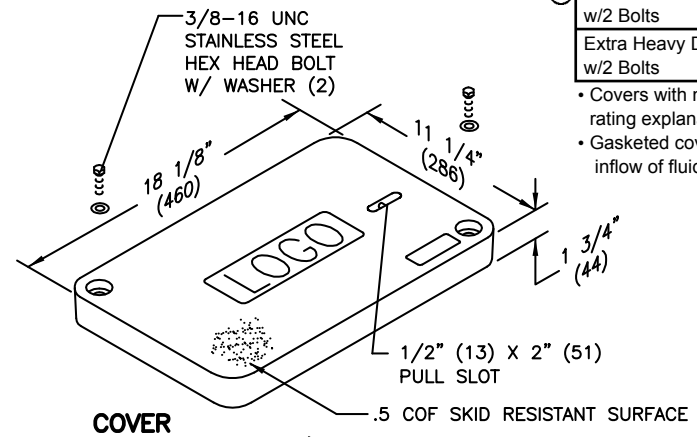
NOTE
INSERT COLOR FOR "X" IN ACCESSORIES

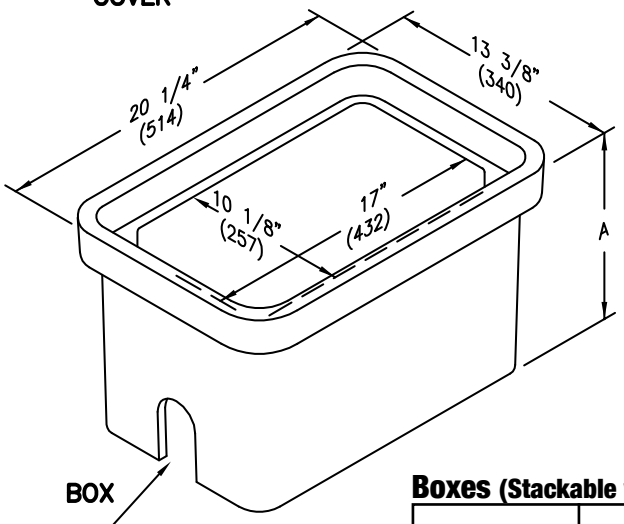
NOTE
Actual performance may differ as a result of end-user environment and application.
Actual wattage may differ by +10% / -10% at operating temperature.
60W 347-480V version wattage may differ by +14% / -14% at operating temperature.
Specification subject to change without notice.

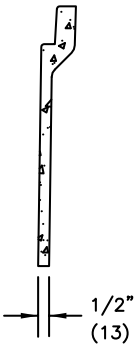
ORDER #:
TYPE:
DRAWN: JCH
DATE: 6-25-14
DWG #: GVDRETRO

SPECIFICATIONS/DATA

11" x 18" PG Style (Stackable) Assembly







2X 2 1/2" (64) X 4" (102)
MOUSEHOLES (PG1118BB only)

Covers (Blank unless logo is specified)

DESCRIPTION	PART NO.	WEIGHT #	DESIGN/TEST LOAD #	ANSI TIER*
W/2 Bolts	PG1118CA00	27 (12.2 kg)	8,000 / 12,000	8
Gasketed w/2 Bolts	PG1118CG00	27 (12.2 kg)	8,000 / 12,000	8
No Bolts	PG1118WA00	27 (12.2 kg)	8,000 / 12,000	8
Heavy Duty w/2 Bolts	PG1118HA00	27 (12.2 kg)	15,000 / 22,500	15
Gasketed Heavy Duty w/2 Bolts	PG1118HG00	27 (12.2 kg)	15,000 / 22,500	15
Extra Heavy Duty w/2 Bolts	PG1118HH00	27 (12.2 kg)	22,500 / 33,750	22

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes (Stackable with self-aligning, replaceable EZ-Nut)

DESCRIPTION	PART NO.	WEIGHT #	DIMENSION A	DESIGN/TEST LOAD #	ANSI TIER*
Open Bottom	PG1118BA12	40 (18 kg)	12" (305 mm)	22,500 / 33,750	22
	PG1118BA18	53 (24 kg)	18" (457 mm)	22,500 / 33,750	22
Open Bottom w/ Gasket	PG1118BG12	40 (18 kg)	12" (305 mm)	22,500 / 33,750	22
	PG1118BG18	53 (24 kg)	18" (457 mm)	22,500 / 33,750	22
Open Bottom w/ 2 Mouseholes	PG1118BB12	40 (18 kg)	12" (305 mm)	22,500 / 33,750	22
	PG1118BB18	53 (24 kg)	18" (457 mm)	22,500 / 33,750	22
Solid Bottom	PG1118DA12	43 (19.5 kg)	12 1/2" (318 mm)	22,500 / 33,750	22
	PG1118DA18	60 (27 kg)	18 1/2" (470 mm)	22,500 / 33,750	22
Solid Bottom w/ Gasket	PG1118DG12	43 (19.5 kg)	12 1/2" (318 mm)	22,500 / 33,750	22
	PG1118DG18	60 (27 kg)	18 1/2" (470 mm)	22,500 / 33,750	22
Footed Box	PG1118JA12	41 (19 kg)	12 1/2" (318 mm)	22,500 / 33,750	22
	PG1118JA18	55 (25 kg)	18 1/2" (470 mm)	22,500 / 33,750	22

Dimensions & weights in parentheses are metric equivalent.
* Loadings comply with ANSI/SCTE 77 (see page 9).