

BUILDING & OUTDOOR DISPLAY AREAS

v1.0

	G+ MAUSTON, WI	
SALES:	15,416	15,416
STOCK/FEED:	4,945	4,945
TOTAL:	20,361	20,361
FOD:	17,360	20,000
LGC:	2,640	2,640
FORAGE:	0	0
TRAILER:	3,000	3,000
SIDEWALK:	3,767	3,768
IOD:	0	0
DISPLAY TOTAL:	26,767	29,408

DESIGN CHECKLIST

v1.0

- LGC
- FEED CENTER
- PROPANE
- IOD
- FOD
- TRAILER & EQUIP.
- SIDEWALK DISPLAY
- PYLON SIGN
- FORAGE SHED
- STANDARD SIGNAGE (BLDG & SITE)
- HIGH CRIME SCOPE - CAP SCORE: 83
- GOOD NEIGHBOR SCOPE (SITE LEGEND)

SITE LEGEND

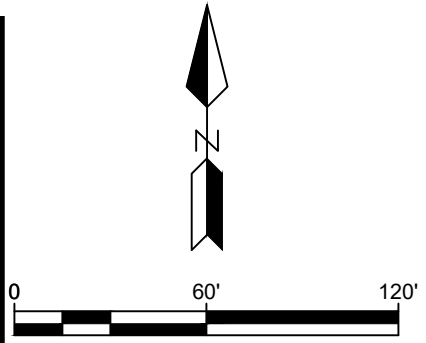
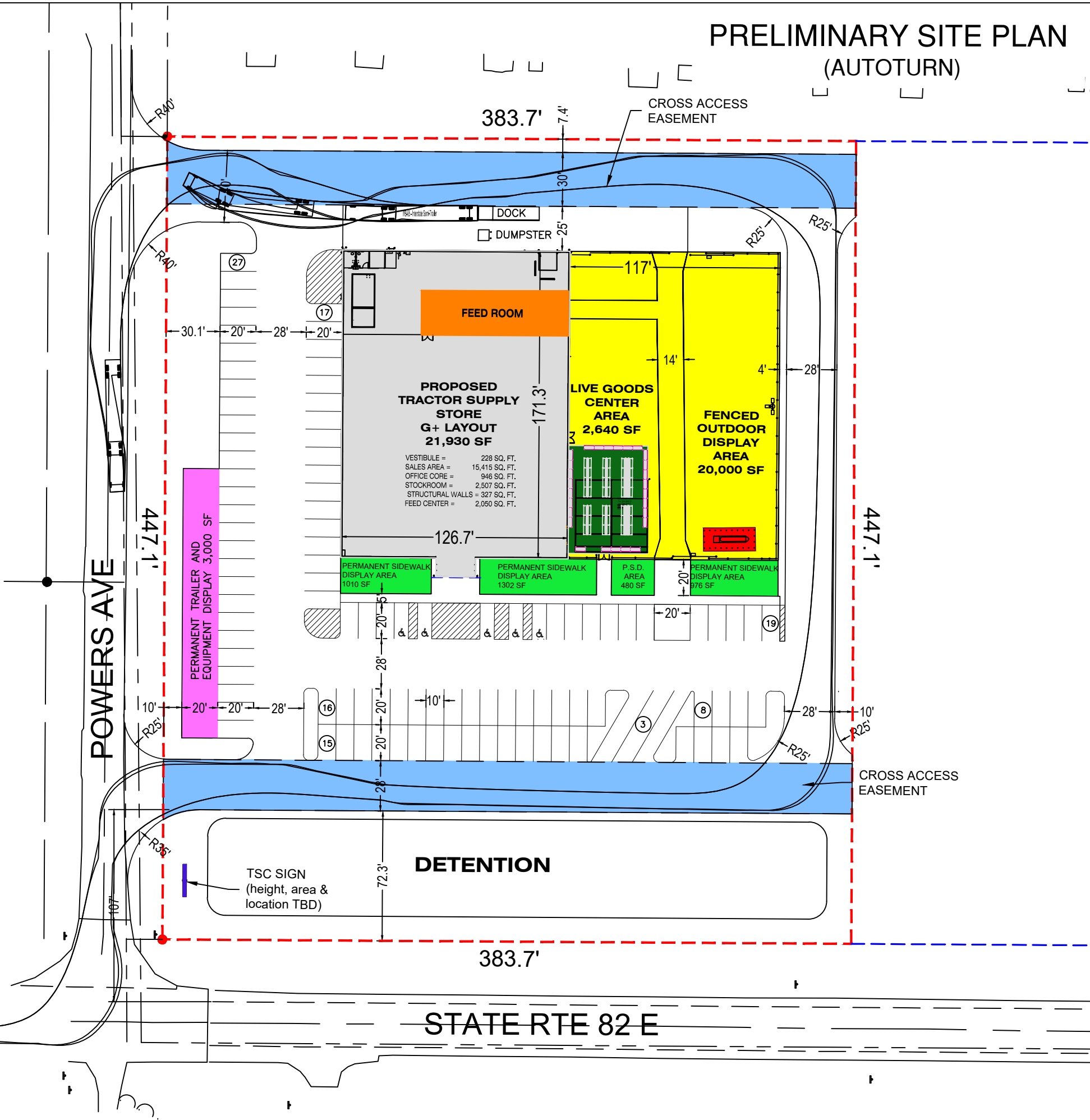
v1.0

- PROPERTY LINE
- DEMISED PREMISES
- GOOD NEIGHBOR SCOPE

GOOD NEIGHBOR OPTIONS:

- TIER 1 - LIGHT SHIELDING
- TIER 2 - SECURITY LIGHTING
- TIER 3 - PROPERTY TRASH SCREEN
- TIER 4 - FOD VISIBILITY SCREEN
- TIER 5 - PROPERTY VISIBILITY OR SOUND SCREEN (FENCE OR WALL)
- TIER 6 - PROPERTY LANDSCAPE BUFFER

PRELIMINARY SITE PLAN (AUTOTURN)



SCALE: 1"= 60' (11X17)

PROJECT INFORMATION

SITE AREA		
LOT	± 3.95 AC	
TOTAL	± 3.95 AC	
PARKING COUNT SUMMARY		
TSC BLDG	21,930 SF	105 SP
TRAILER		- SP
TOTAL PROVIDED		105 SP
REQUIRED BY CITY		
1 PER 300 SF OF BLDG		74 SP
1 PER 600 SF OF OUTDOOR SALES		45 SP
TOTAL REQUIRED		119 SP
ZONING CLASSIFICATION		
EXISTING	N/A	
PROPOSED	TBD	
REQUIRED SETBACKS		
FRONT	40'	
SIDE	10'	
REAR	30'	

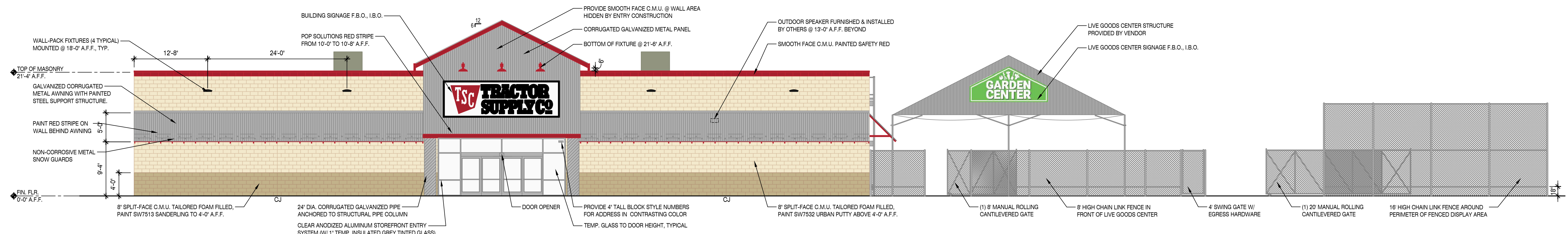
- PROJECT NOTES**
- THIS CONCEPTUAL SITE PLAN IS FOR PLANNING PURPOSES ONLY. SITE SPECIFIC INFORMATION SUCH AS EXISTING CONDITIONS, ZONING, PARKING, LANDSCAPE, PAVEMENT LINES AND UTILITY REQUIREMENTS MUST BE VERIFIED.
 - ALL CURB CUTS SHOWN ARE PROPOSED AND MUST BE VERIFIED.

DRAWING ISSUE/REVISION RECORD

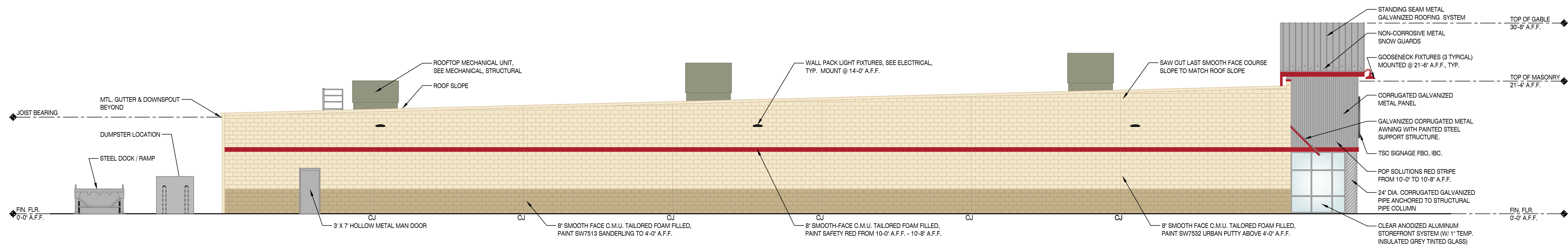
DATE	NARRATIVE	DRAWN BY
7/2/24	INITIALS RELEASE	LL
9/9/24	REVISED BLOCK	MCL
9/24/24	CRIME/NEIGHBOR	MCL
9/30/24	REVISED ENTRANCE	MCL
10/1/24	CRIME/NEIGHBOR	MCL
10/2/24	PRE REC NOTES	MCL
12/06/24	REVISED W/ SURVEY	LMG

G+ PROTOTYPE

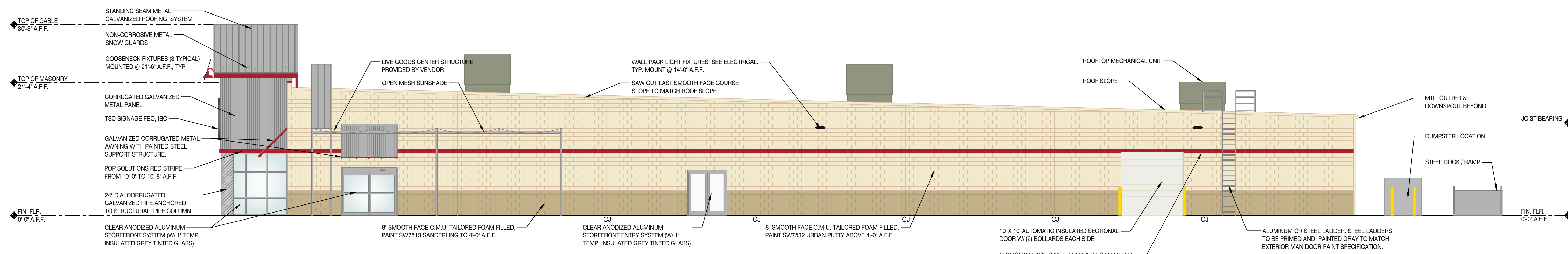
TRACTOR SUPPLY
MAUSTON, WI



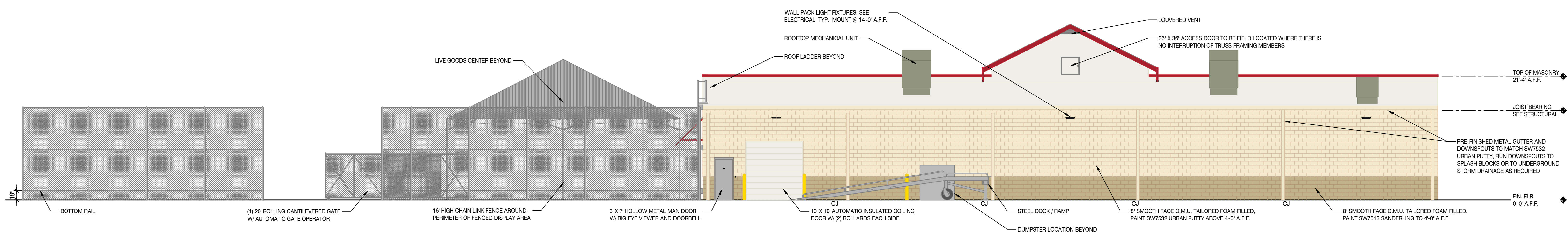
1 ELEVATION
 SCALE: 1/8"=1'-0"
 FRONT



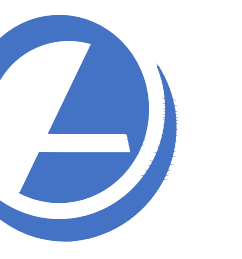
2 ELEVATION
 SCALE: 1/8"=1'-0"
 LEFT SIDE

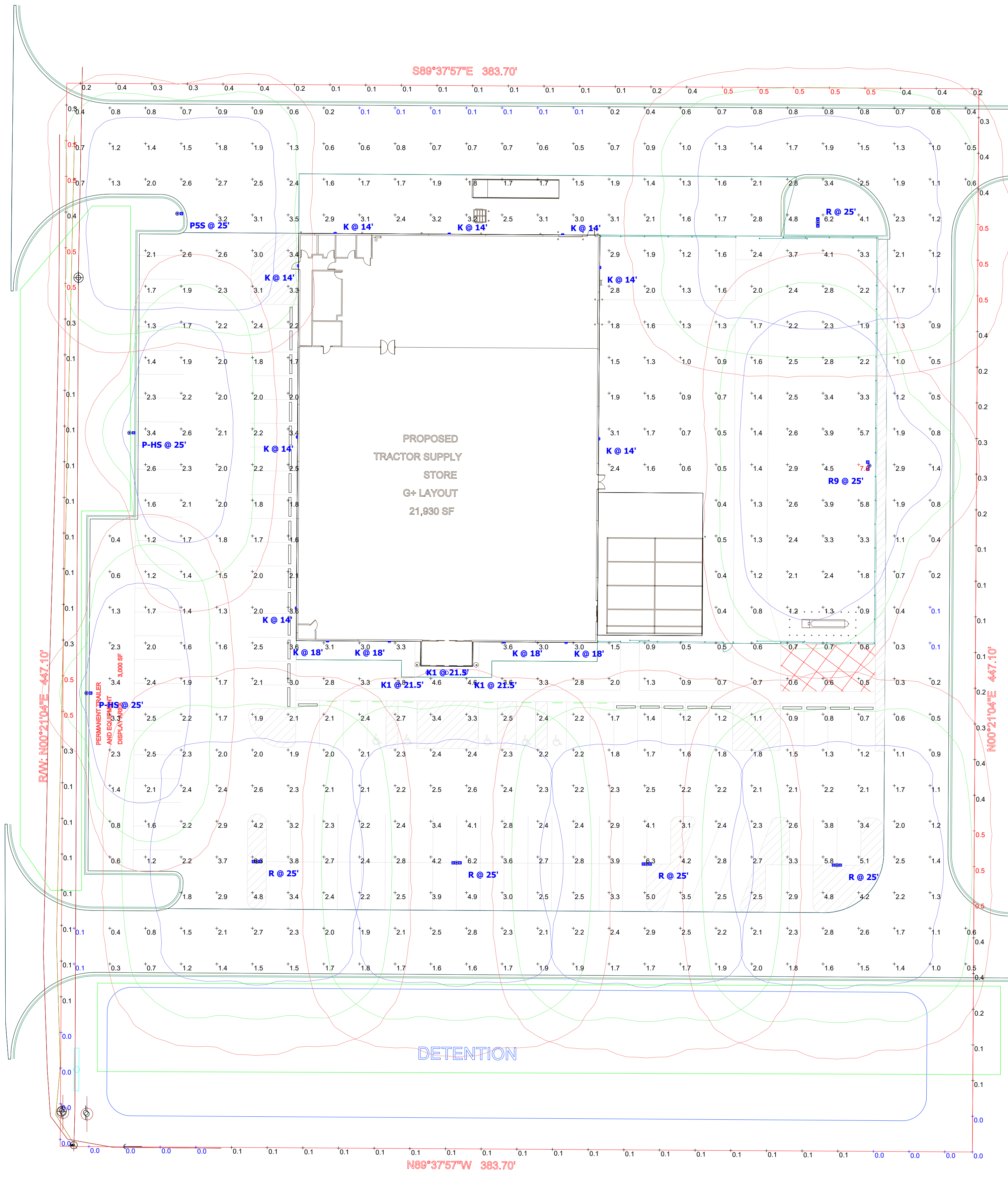


3 ELEVATION
 SCALE: 1/8"=1'-0"
 RIGHT SIDE



4 ELEVATION
 SCALE: 1/8"=1'-0"
 REAR





Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Property Line Light Levels	+	0.2 fc	0.5 fc	0.0 fc	N/A	N/A
Parking Lot Light Levels	+	2.0 fc	7.8 fc	0.1 fc	78.0:1	20.0:1

Schedule								
Symbol	Label	Quantity	Catalog Number	Description	Lamp	Lumens Per Lamp	Light Loss Factor	Wattage
	P-HS	2	RSX1-LED-P3-50K-R3-MVOLT-SPA-HS	Single Head Lithonia RSX1 Series LED Area Unit w/Type R3 Distribution (22ft. Pole Height w/3ft. Base) HOUSE SIDE SHIELDING & FULL CUTOFF DESIGN	LED/5000K (FULL CUTOFF DESIGN)	10698	0.95	109.442
	PSS	1	RSX1-LED-P3-50K-R5S-MVOLT-SPA	Single Head Lithonia RSX1 Series LED Area Unit w/Type R5S Distribution (22ft. Pole Height w/3ft. Base) FULL CUTOFF DESIGN	LED/5000K (FULL CUTOFF DESIGN)	14778	0.95	109.44
	R	5	RSX1-LED-P3-50K-R3-MVOLT-SPA	Double Head Lithonia RSX1 Series LED Area Unit w/Type R3 Distribution (22ft. Pole Height w/3ft. Base) FULL CUTOFF DESIGN	LED/5000K (FULL CUTOFF DESIGN)	14022	0.95	218.88
	R9	1	RSX1-LED-P3-50K-R3-MVOLT-SPA	Double Head Lithonia RSX1 Series LED Area Unit w/Type R3 Distribution (22ft. Pole Height w/3ft. Base)	LED/5000K (FULL CUTOFF DESIGN)	14022	0.95	218.88
	K	12	DSXW1-LED-10C-1000-50K-T3M-MVOLT-DBBXD	Lithonia DSXW1 Series Wall Mount LED Unit w/Type T3M Distribution (18ft. and 14ft. Fixture Mounting Heights) FULL CUTOFF DESIGN	LED/5000K (FULL CUTOFF DESIGN)	3898	0.95	38.8
	K1	3	H-15118-97/HL-AHD-27*97/21/LED2/40/D/BCM-M	Hi-Lite H15118 Series LED Goosneck Unit (21.5ft. Mounting Height) Red Finish (FULL CUTOFF DESIGN)	LED/4000K (FULL CUTOFF DESIGN)	1170	0.95	21

Designer
 Adam Carrier
Date
 01/29/2025
Scale
 Not to Scale
Drawing No.
 Summary



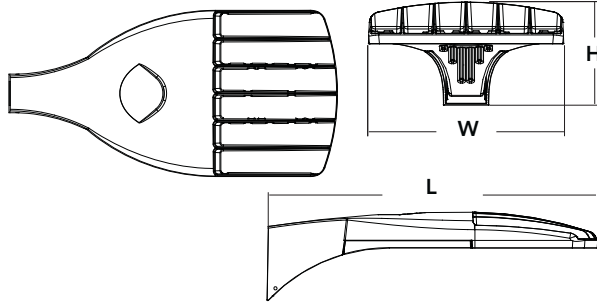
D-Series Size 0 LED Area Luminaire



d#series

Specifications

EPA:	0.95 ft ² (.09 m ²)
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-700-50K-T3M-MV**

Notes

Type **SITE**

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	Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
	DSX0 LED	Forward optics 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) Rotated optics¹ 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A) ²	30K 3000 K 40K 4000 K 50K 5000 K 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 BLC Backlight control ^{2,4} LCCO Left corner cutoff ^{2,4} RCCO Right corner cutoff ^{2,4}	MVOLT⁵ 120 ⁵ 208 ⁵ 240 ⁵ 277 ⁵ 347 ⁶ 480 ⁶	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁷ RPUMBA Round pole universal mounting adaptor ⁷ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁸

Control options	Other options	Finish (required)
Shipped installed PER NEMA twist-lock receptacle only (no controls) ⁹ PER5 Five-wire receptacle only (no controls) ^{9,10} PER7 Seven-wire receptacle only (no controls) ^{9,10} DMG 0-10V dimming driver (no controls) ¹¹ DCR Dimmable and controllable via ROAM [®] (no controls) ¹² PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ¹³ PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ¹³ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ¹³	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ¹³ BL30 Bi-level switched dimming, 30% ^{14,15} BL50 Bi-level switched dimming, 50% ^{14,15} PNMTDD3 Part night, dim till dawn ¹⁶ PNMT5D3 Part night, dim 5 hrs ¹⁶ PNMT6D3 Part night, dim 6 hrs ¹⁶ PNMT7D3 Part night, dim 7 hrs ¹⁶ FAO Field adjustable output ¹⁷	Shipped installed HS House-side shield ¹⁸ SF Single fuse (120, 277, 347V) ¹⁹ DF Double fuse (208, 240, 480V) ¹⁹ L90 Left rotated optics ¹ R90 Right rotated optics ¹ DDL Diffused drop lens ¹⁸ BS Bird spikes
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Ordered and shipped separately.

DL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²⁰
DL1347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²⁰
DL1480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²⁰
DSHO1 SBK U	Shorting cap ²⁰
DSX0HS 20C U	House-side shield for 20 LED unit ¹⁸
DSX0HS 30C U	House-side shield for 30 LED unit ¹⁸
DSX0HS 40C U	House-side shield for 40 LED unit ¹⁸
DSX0DDL U	Diffused drop lens (polycarbonate) ¹⁷
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ⁷
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁸

NOTES

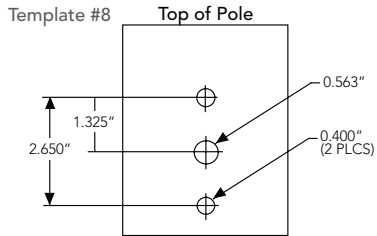
- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
- Not available with AMBPC.
- Only available with 530mA or 700mA.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (20C 530 or 30C 530). Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANSI C136.31.
- Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with PIR options, PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming.

- PIR and PIR1FC3V specify the [SensorSwitch SBGR-10-ODP](#) control; PIRH and PIRH1FC3V specify the [SensorSwitch SBGR-6-ODP](#) control; see [Outdoor Control Technical Guide](#) for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required. Not available with PNMT options.
- Requires an additional switched circuit.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7 or PNMT options. Not available with PIR1FC3V and PIRH1FC3V.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7, BL30 or BL50. Not available with PIR1FC3V and PIRH1FC3V. Separate on/off required.
- Dimming driver standard. Not available with PER5, PER7, DMG, DCR, BL30, BL50, PNMT, PIR, PIRH, PIR1FC3V and PIRH1FC3V.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.

For more control options, visit [DTL](#) and [ROAM](#) online.



Drilling



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.

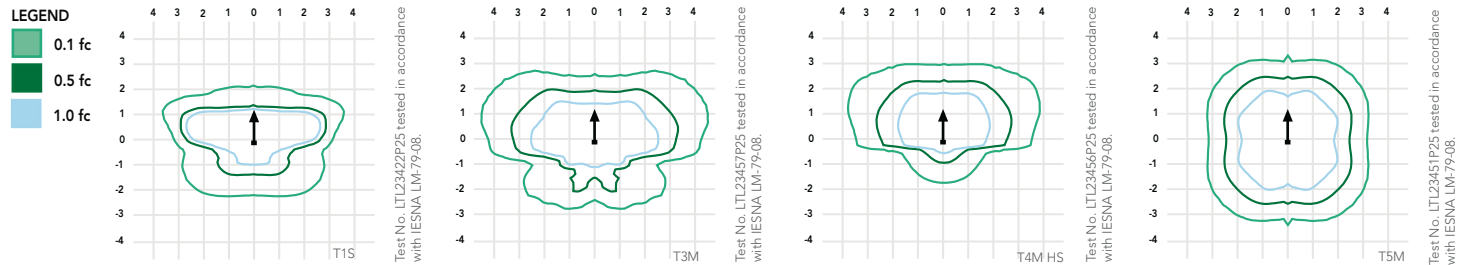
Tenon Mounting Slipfitter**

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 Size 0 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

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

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	0.98	0.96	0.93
	DSX0 LED 40C 1000			
	1	0.98	0.95	0.90
	DSX0 LED 40C 700			
1	0.99	0.99	0.99	

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	4,079	1	0	1	117	4,380	1	0	1	125	4,408	1	0	1	126	2,541	1	0	1	73
			T2S	4,206	1	0	1	120	4,516	1	0	1	129	4,544	1	0	1	130	2,589	1	0	1	74
			T2M	4,109	1	0	1	117	4,413	1	0	1	126	4,440	1	0	1	127	2,539	1	0	1	73
			T3S	4,104	1	0	1	117	4,407	1	0	1	126	4,435	1	0	1	127	2,558	1	0	1	73
			T3M	4,142	1	0	1	118	4,447	1	0	1	127	4,475	1	0	1	128	2,583	1	0	1	74
			T4M	4,198	1	0	1	120	4,508	1	0	1	129	4,536	1	0	1	130	2,570	1	0	1	73
			FTM	4,135	1	0	1	118	4,440	1	0	2	127	4,468	1	0	2	128	2,540	1	0	1	73
			TSVS	4,368	2	0	0	125	4,691	2	0	0	134	4,720	2	0	0	135	2,650	1	0	0	76
			T5S	4,401	2	0	2	126	4,725	2	0	0	135	4,755	2	0	0	136	2,690	1	0	0	77
			T5M	4,408	2	0	1	126	4,734	3	0	1	135	4,763	3	0	1	136	2,658	2	0	0	76
			TSW	4,344	3	0	1	124	4,664	3	0	1	133	4,693	3	0	1	134	2,663	2	0	1	76
			BLC	3,071	1	0	1	88	3,297	1	0	1	94	3,318	1	0	1	95					
	LCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92							
	RCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92							
	T1S	5,181	1	0	1	115	5,563	1	0	1	124	5,598	1	0	1	124	3,144	1	0	1	70		
	T2S	5,342	1	0	1	119	5,736	1	0	1	127	5,772	1	0	1	128	3,203	1	0	1	71		
	T2M	5,219	1	0	1	116	5,605	1	0	1	125	5,640	1	0	1	125	3,141	1	0	1	70		
	T3S	5,213	1	0	1	116	5,598	1	0	1	124	5,633	1	0	1	125	3,165	1	0	1	70		
	T3M	5,260	1	0	1	117	5,649	1	0	2	126	5,684	1	0	2	126	3,196	1	0	1	71		
	T4M	5,332	1	0	1	118	5,725	1	0	2	127	5,761	1	0	2	128	3,179	1	0	1	71		
	FTM	5,252	1	0	2	117	5,640	1	0	2	125	5,675	1	0	2	126	3,143	1	0	1	70		
	TSVS	5,548	2	0	0	123	5,958	2	0	0	132	5,995	2	0	0	133	3,278	2	0	0	73		
	T5S	5,589	2	0	0	124	6,002	2	0	0	133	6,039	2	0	0	134	3,328	2	0	0	74		
	T5M	5,599	3	0	1	124	6,012	3	0	1	134	6,050	3	0	1	134	3,288	2	0	1	73		
	TSW	5,517	3	0	1	123	5,924	3	0	1	132	5,961	3	0	1	132	3,295	2	0	1	73		
	BLC	3,909	1	0	1	87	4,198	1	0	1	93	4,224	1	0	1	94							
	LCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91							
	RCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91							
	T1S	7,085	1	0	1	98	7,608	2	0	2	106	7,656	2	0	2	106							
	T2S	7,305	1	0	1	101	7,845	2	0	2	109	7,894	2	0	2	110							
	T2M	7,138	1	0	2	99	7,665	2	0	2	106	7,713	2	0	2	107							
	T3S	7,129	1	0	1	99	7,656	2	0	2	106	7,704	2	0	2	107							
	T3M	7,194	1	0	2	100	7,725	2	0	2	107	7,773	2	0	2	108							
	T4M	7,292	1	0	2	101	7,830	2	0	2	109	7,879	2	0	2	109							
	FTM	7,183	1	0	2	100	7,713	1	0	2	107	7,761	1	0	2	108							
	TSVS	7,588	2	0	0	105	8,148	3	0	0	113	8,199	3	0	0	114							
T5S	7,644	2	0	0	106	8,208	2	0	0	114	8,259	2	0	0	115								
T5M	7,657	3	0	1	106	8,222	3	0	1	114	8,274	3	0	1	115								
TSW	7,545	3	0	1	105	8,102	3	0	2	113	8,153	3	0	2	113								
BLC	5,162	1	0	1	72	5,543	1	0	2	77	5,578	1	0	1	77								
LCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75								
RCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75								

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
40C (40 LEDs)	530 mA	68 W	T1S	7,926	2	0	2	117	8,511	2	0	2	125	8,564	2	0	2	126	4,878	1	0	1	72
			T2S	8,172	2	0	2	120	8,775	2	0	2	129	8,830	2	0	2	130	4,969	1	0	1	73
			T2M	7,985	2	0	2	117	8,574	2	0	2	126	8,628	2	0	2	127	4,874	1	0	1	72
			T3S	7,975	1	0	2	117	8,564	2	0	2	126	8,617	2	0	2	127	4,910	1	0	1	72
			T3M	8,047	2	0	2	118	8,642	2	0	2	127	8,696	2	0	2	128	4,958	1	0	2	73
			T4M	8,157	1	0	2	120	8,759	2	0	2	129	8,813	2	0	2	130	4,932	1	0	2	73
			TFTM	8,035	1	0	2	118	8,628	2	0	2	127	8,682	2	0	2	128	4,876	1	0	2	72
			TSVS	8,488	2	0	0	125	9,115	3	0	0	134	9,172	3	0	0	135	5,086	2	0	0	75
			T5S	8,550	2	0	0	126	9,182	3	0	1	135	9,239	3	0	1	136	5,163	2	0	0	76
			T5M	8,565	3	0	1	126	9,198	3	0	2	135	9,255	3	0	2	136	5,102	3	0	1	75
			T5W	8,440	3	0	2	124	9,063	3	0	2	133	9,120	3	0	2	134	5,112	3	0	1	75
			BLC	6,142	1	0	2	90	6,595	1	0	2	97	6,636	1	0	2	98					
			LCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95					
			RCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95					
			T1S	10,066	2	0	2	111	10,810	2	0	2	119	10,877	2	0	2	120	6,206	2	0	2	68
	T2S	10,379	2	0	2	114	11,145	2	0	2	122	11,215	2	0	2	123	6,322	2	0	2	69		
	T2M	10,141	2	0	2	111	10,890	2	0	2	120	10,958	2	0	2	120	6,201	2	0	2	68		
	T3S	10,129	2	0	2	111	10,877	2	0	2	120	10,945	2	0	2	120	6,247	1	0	2	69		
	T3M	10,221	2	0	2	112	10,975	2	0	2	121	11,044	2	0	2	121	6,308	2	0	2	69		
	T4M	10,359	2	0	2	114	11,124	2	0	2	122	11,194	2	0	2	123	6,275	1	0	2	69		
	TFTM	10,205	2	0	2	112	10,958	2	0	3	120	11,027	2	0	3	121	6,203	1	0	2	68		
	TSVS	10,781	3	0	0	118	11,576	3	0	1	127	11,649	3	0	1	128	6,569	2	0	0	72		
	T5S	10,860	3	0	1	119	11,662	3	0	1	128	11,734	3	0	1	129	6,569	2	0	0	72		
	T5M	10,879	3	0	2	120	11,682	3	0	2	128	11,755	3	0	2	129	6,491	3	0	1	71		
	T5W	10,719	3	0	2	118	11,511	4	0	2	126	11,583	4	0	2	127	6,504	3	0	2	71		
	BLC	7,819	1	0	2	86	8,396	1	0	2	92	8,448	1	0	2	93							
	LCCO	7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90							
	RCCO	7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90							
	T1S	13,767	2	0	2	100	14,783	3	0	3	107	14,876	3	0	3	108							
	T2S	14,194	2	0	2	103	15,242	3	0	3	110	15,338	3	0	3	111							
	T2M	13,869	2	0	2	101	14,893	3	0	3	108	14,986	3	0	3	109							
	T3S	13,852	2	0	2	100	14,875	2	0	2	108	14,968	2	0	2	108							
	T3M	13,978	2	0	2	101	15,010	3	0	3	109	15,104	3	0	3	109							
	T4M	14,168	2	0	2	103	15,214	3	0	3	110	15,309	3	0	3	111							
	TFTM	13,956	2	0	3	101	14,987	2	0	3	109	15,080	2	0	3	109							
	TSVS	14,744	3	0	1	107	15,832	3	0	1	115	15,931	4	0	1	115							
	T5S	14,852	3	0	1	108	15,948	3	0	1	116	16,048	3	0	1	116							
	T5M	14,878	4	0	2	108	15,976	4	0	2	116	16,076	4	0	2	116							
	T5W	14,660	4	0	2	106	15,742	4	0	2	114	15,840	4	0	2	115							
	BLC	10,325	1	0	2	75	11,087	1	0	2	80	11,156	1	0	2	81							
	LCCO	10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79							
	RCCO	10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79							



D-Series Size 1 LED Wall Luminaire



Catalog
Number

Notes

Type

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

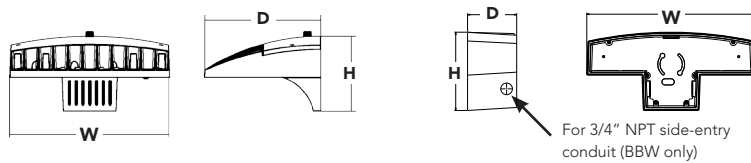
d#series

Specifications Luminaire

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

Back Box (BBW, ELCW)

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



Introduction

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

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

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DBTDX

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines)	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asymmetric diffuse	MVOLT ¹ 120 ¹ 208 ¹ 240 ¹ 277 ¹ 347 ² 480 ²	Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ³	Shipped installed PE Photoelectric cell, button type ⁴ DMG 0-10V dimming driver (no controls) PIR 180° motion/ambient light sensor, <15' mtg ht ⁵ PIRH 180° motion/ambient light sensor, 15-30' mtg ht ⁵ PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ⁵ PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ⁵ ELCW Emergency battery backup (includes external component enclosure) ⁶

Other Options

Finish (required)

Shipped installed

SF	Single fuse (120, 277 or 347V) ⁷
DF	Double fuse (208, 240 or 480V) ⁷
HS	House-side shield ⁸
SPD	Separate surge protection ⁹

Shipped separately⁸

BSW	Bird-deterrent spikes
WG	Wire guard
VG	Vandal guard
DDL	Diffused drop lens

DDBXD

DDBXD	Dark bronze	DSSXD	Sandstone
DBLXD	Black	DBTDX	Textured dark bronze
DNAXD	Natural aluminum	DBLBXD	Textured black
DWHXD	White	DNATXD	Textured natural aluminum

DWHGXD	Textured white
DSSTXD	Textured sandstone

Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory

NOTES

- 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), or photocontrol (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR and PIR1FC3V specifies the [Sensor Switch SBGR-10-ODP](#) control; PIRH specifies the [Sensor Switch SBGR-6-ODP](#) control; see [Motion Sensor Guide](#) for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.



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.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
(10 LEDs)	350mA	14W	T2S	1,415	0	0	1	101	1,520	0	0	1	109	1,529	0	0	1	109	894	0	0	1	64
			T2M	1,349	0	0	1	96	1,449	0	0	1	104	1,458	0	0	1	104	852	0	0	1	61
			T3S	1,400	0	0	1	100	1,503	0	0	1	107	1,512	0	0	1	108	884	0	0	1	63
			T3M	1,386	0	0	1	99	1,488	0	0	1	106	1,497	0	0	1	107	876	0	0	1	63
			T4M	1,358	0	0	1	97	1,458	0	0	1	104	1,467	0	0	1	105	858	0	0	1	61
			TFTM	1,411	0	0	1	101	1,515	0	0	1	108	1,525	0	0	1	109	892	0	0	1	64
	ASDF	1,262	0	0	1	90	1,355	1	0	1	97	1,363	1	0	1	97	797	0	0	1	57		
	530 mA	20W	T2S	2,054	1	0	1	103	2,205	1	0	1	110	2,219	1	0	1	111	1,264	0	0	1	63
			T2M	1,957	1	0	1	98	2,102	1	0	1	105	2,115	1	0	1	106	1,205	0	0	1	60
			T3S	2,031	0	0	1	102	2,181	0	0	1	109	2,195	0	0	1	110	1,250	0	0	1	63
			T3M	2,010	1	0	1	101	2,159	1	0	1	108	2,172	1	0	1	109	1,237	0	0	1	62
			T4M	1,970	1	0	1	99	2,115	1	0	1	106	2,128	0	0	1	106	1,212	0	0	1	61
			TFTM	2,047	0	0	1	102	2,198	0	0	1	110	2,212	0	0	1	111	1,260	0	0	1	63
	ASDF	1,830	1	0	1	92	1,966	1	0	1	98	1,978	1	0	1	99	1,127	0	0	1	56		
	700 mA	27W	T2S	2,623	1	0	1	97	2,816	1	0	1	104	2,834	1	0	1	105	1,544	0	0	1	57
			T2M	2,499	1	0	1	93	2,684	1	0	1	99	2,701	1	0	1	100	1,472	0	0	1	55
			T3S	2,593	1	0	1	96	2,785	1	0	1	103	2,802	1	0	1	104	1,527	0	0	1	57
			T3M	2,567	1	0	1	95	2,757	1	0	1	102	2,774	1	0	1	103	1,512	0	0	1	56
			T4M	2,515	1	0	1	93	2,701	1	0	1	100	2,718	1	0	1	101	1,481	0	0	1	55
			TFTM	2,614	1	0	1	97	2,807	1	0	1	104	2,825	1	0	1	105	1,539	0	0	1	57
	ASDF	2,337	1	0	1	87	2,510	1	0	1	93	2,526	1	0	1	94	1,376	0	0	1	51		
	1000 mA	40W	T2S	3,685	1	0	1	92	3,957	1	0	1	99	3,982	1	0	1	100	2,235	1	0	1	58
			T2M	3,512	1	0	1	88	3,771	1	0	1	94	3,795	1	0	1	95	2,130	1	0	2	55
			T3S	3,644	1	0	1	91	3,913	1	0	1	98	3,938	1	0	1	98	2,210	1	0	2	57
T3M			3,607	1	0	1	90	3,874	1	0	1	97	3,898	1	0	1	97	2,187	1	0	2	56	
T4M			3,534	1	0	1	88	3,795	1	0	1	95	3,819	1	0	1	95	2,143	1	0	2	55	
TFTM			3,674	1	0	1	92	3,945	1	0	1	99	3,969	1	0	1	99	2,228	1	0	2	57	
ASDF	3,284	1	0	1	82	3,527	1	0	1	88	3,549	1	0	1	89	1,991	1	0	2	51			
(20 LEDs)	350mA	24W	T2S	2,820	1	0	1	118	3,028	1	0	1	126	3,047	1	0	1	127	1,777	1	0	1	74
			T2M	2,688	1	0	1	112	2,886	1	0	1	120	2,904	1	0	1	121	1,693	1	0	1	71
			T3S	2,789	1	0	1	116	2,995	1	0	2	125	3,013	1	0	2	126	1,757	0	0	1	73
			T3M	2,761	1	0	1	115	2,964	1	0	2	124	2,983	1	0	2	124	1,739	1	0	1	72
			T4M	2,705	1	0	1	113	2,904	1	0	2	121	2,922	1	0	2	122	1,704	1	0	1	71
			TFTM	2,811	1	0	1	117	3,019	1	0	2	126	3,038	1	0	2	127	1,771	0	0	1	74
	ASDF	2,513	1	0	1	105	2,699	1	0	2	112	2,716	1	0	2	113	1,584	1	0	1	66		
	530 mA	36W	T2S	4,079	1	0	1	113	4,380	1	0	1	122	4,408	1	0	1	122	2,504	1	0	1	70
			T2M	3,887	1	0	1	108	4,174	1	0	1	116	4,200	1	0	1	117	2,387	1	0	1	66
			T3S	4,034	1	0	1	112	4,332	1	0	1	120	4,359	1	0	1	121	2,477	1	0	1	69
			T3M	3,993	1	0	1	111	4,288	1	0	1	119	4,315	1	0	1	120	2,451	1	0	2	68
			T4M	3,912	1	0	2	109	4,201	1	0	2	117	4,227	1	0	1	117	2,402	1	0	1	67
			TFTM	4,066	1	0	1	113	4,367	1	0	1	121	4,394	1	0	1	122	2,496	1	0	1	69
	ASDF	3,635	1	0	2	101	3,904	1	0	2	108	3,928	1	0	2	109	2,232	1	0	1	62		
	700 mA	47W	T2S	5,188	1	0	1	110	5,571	1	0	1	119	5,606	1	0	1	119	3,065	1	0	1	65
			T2M	4,945	1	0	1	105	5,310	1	0	1	113	5,343	1	0	1	114	2,921	1	0	1	62
			T3S	5,131	1	0	1	109	5,510	1	0	2	117	5,544	1	0	2	118	3,031	1	0	1	64
			T3M	5,079	1	0	2	108	5,454	1	0	2	116	5,488	1	0	2	117	3,000	1	0	1	64
			T4M	4,976	1	0	2	106	5,343	1	0	2	114	5,377	1	0	2	114	2,939	1	0	1	63
			TFTM	5,172	1	0	2	110	5,554	1	0	2	118	5,589	1	0	2	119	3,055	1	0	1	65
	ASDF	4,624	1	0	2	98	4,966	1	0	2	106	4,997	1	0	2	106	2,732	1	0	1	58		
	1000 mA	74W	T2S	7,205	1	0	1	97	7,736	1	0	1	105	7,785	1	0	1	105	4,429	1	0	1	61
			T2M	6,866	1	0	2	93	7,373	1	0	2	100	7,419	1	0	2	100	4,221	1	0	2	58
			T3S	7,124	1	0	2	96	7,650	1	0	2	103	7,698	1	0	2	104	4,380	1	0	2	60
T3M			7,052	1	0	2	95	7,736	1	0	2	105	7,620	1	0	2	103	4,335	1	0	2	59	
T4M			6,910	1	0	2	93	7,420	1	0	2	100	7,466	1	0	2	101	4,248	1	0	2	58	
TFTM			7,182	1	0	2	97	7,712	1	0	2	104	7,760	1	0	2	105	4,415	1	0	2	60	
ASDF	6,421	1	0	2	87	6,895	2	0	2	93	6,938	2	0	2	94	3,947	1	0	2	54			

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	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSXW1 LED 20C 1000 platform 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	1.0	0.95	0.93	0.88

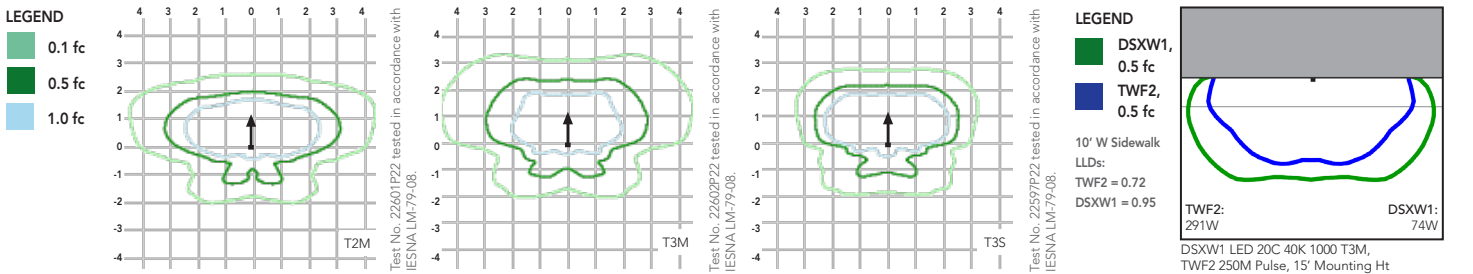
Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	24 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	74 W	0.69	0.40	0.35	0.30	0.23	0.17

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Wall Size 1 homepage](#).

Isfootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Options and Accessories



T3M (left), ASYDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Two-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. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

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 textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

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. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

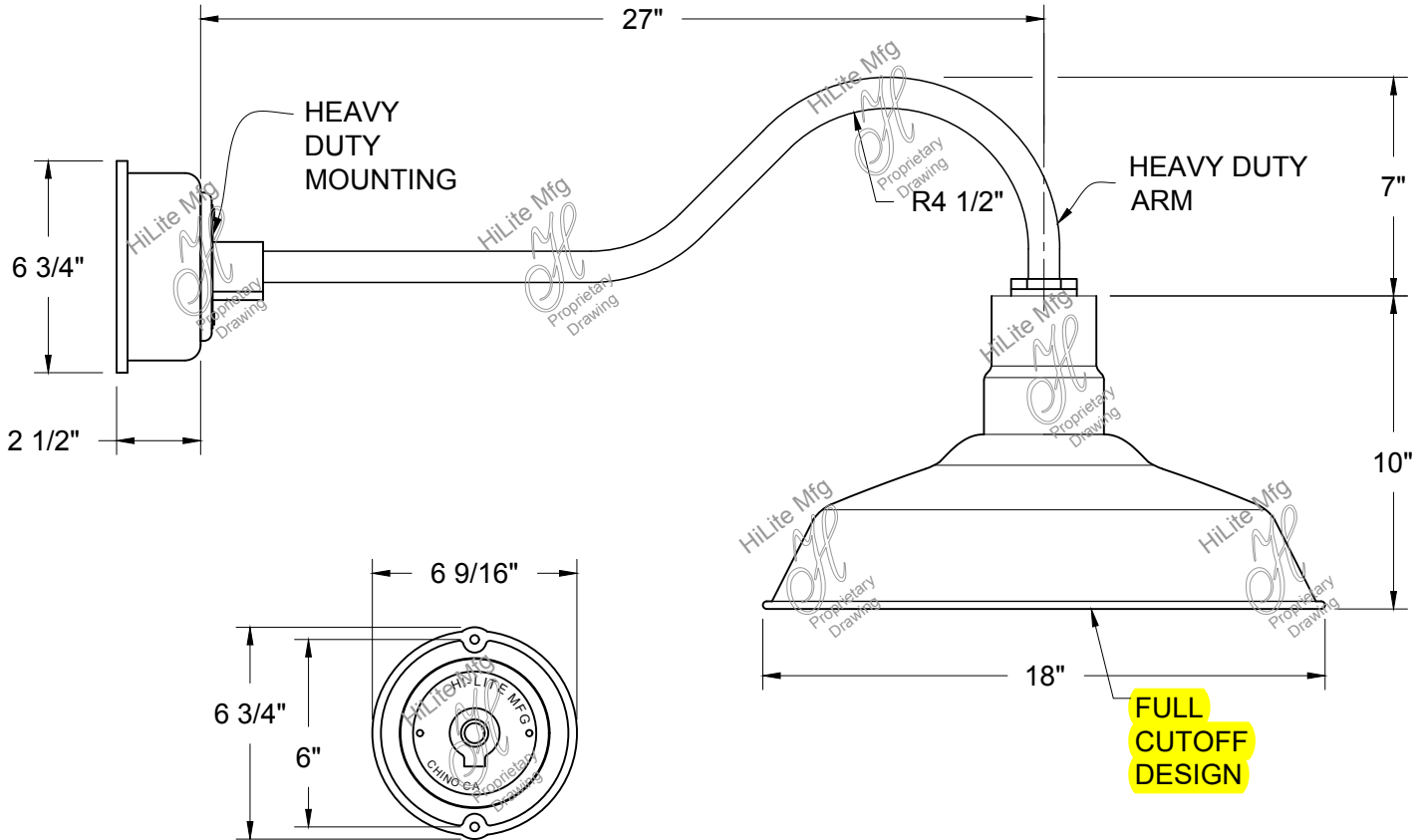




HI-LITE MFG. CO., INC.

13450 Monte Vista Avenue
 Chino, California 91710
 Telephone: (909) 465-1999
 Toll Free: (800) 465-0211
 Fax: (909) 465-0907
 www.hilitemfg.com

JOB NAME: Tractor Supply 1		
SCALE: N.T.S.	DATE: 04/21/2017	TYPE:
DRAWN BY: S.M.-D	QTY:	
SHEET:		REV:



CANOPY FRONT VIEW

Item Number	Wattage	Voltage
H-15118-97/HL-AHD-27"97/21/LED2/40/D/BCM-M	21W	120/277V

Finish
97-Red (Fixture & Arm)

Mounting
Wall Mount

Lamp/Socket
21W LED2 2000 Lumens, 4000K

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