

VILLAGE OF SUSSEX
SUSSEX, WISCONSIN

Minutes of the Architectural Review Board (ARB) meeting held on February 3, 2016.

Due to the absence of Chairperson Pellechia, Assistant Development Director Kasey Fluet called the meeting to order at 10:00 a.m.

A motion by Granicki, seconded by Werra to appoint Tim Dietrich as Chairperson Pro-Tem.

Members present: Tim Dietrich, Rose Werra and Melissa Granicki.

Members absent: Steve Pellechia and Pat Tetzlaff

Others present: Kasey Fluet, Assistant Development Director

Consideration and possible action on minutes of October 7, 2015.

A motion by Granicki, seconded by Werra, to approve the minutes of October 7, 2015.

Motion carried.

Consideration and possible action on site, architectural, landscape and lighting plan for Midwest Motor Express at the south east corner of HWY F and HWY K on Quarry Corners Parkway in the Town of Lisbon.

John Roswick Chairman of Midwest Motor Express and Stephen Provancher of MLG Commercial were present for this matter. Mr. Roswick stated unfortunately the architect for this project could not make this meeting due to a problem with his flight this morning. Mr. Roswick stated Midwest Motor Express has been in business since 1919 and currently has 35 terminal facilities. Mr. Roswick stated the facilities are empty at night and they have no warehousing. Mr. Roswick stated most of the activities are during the week and there is very little activity from Friday midnight to Sunday midnight. Mr. Roswick stated the building proposed has been designed in accordance with the requirements and we had been asked to provide plenty of landscaping.

Mrs. Fluet read the memo (copy attached).

Mr. Granicki asked how many employees will there be. Mr. Roswick stated in the beginning 2 to 4 and this could increase. Mr. Dietrich asked if the sign on the building will be lite and if there will be a ground sign. Mr. Roswick stated the signage on the building will not be lighted and there will be no ground sign, there is no need to have a lot of signs the facility is not for the public.

A motion by Granicki, seconded by Werra to recommend to the Plan Commission approval of the site, architectural, landscape and lighting plan for Midwest Motor Express at the south east corner of Hwy F and Hwy K on Quarry corners Parkway in the Town of Lisbon.

Motion carried.

A motion by Granicki, seconded by Werra, to adjourn the meeting at 10:20 a.m.

Motion carried.

Respectfully submitted,
Kasey Fluet, Assistant Development Director



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MEMORANDUM

TO: Architectural Review Board

FROM: Kasey Fluet, Assistant Development Director

RE: ARB meeting for February 3, 2016

DATE: January 26, 2016

The following is background information for the ARB agenda items. Please refer to the Design Standards dated March 25, 2014.

01. **Consideration and possible action on the ARB minutes from the October 7, 2015 meeting.**
02. **Consideration and possible action on site, architectural, landscape and lighting plan for Midwest Motor Express at the south east corner of Hwy F and Hwy K on Quarry corners Parkway in the Town of Lisbon.**

This property is located in the Town of Lisbon and will remain in the Town of Lisbon. The location for this building is located within the Joint Planning area and therefore the Village can review the project for compliance with the Village Design Standards.

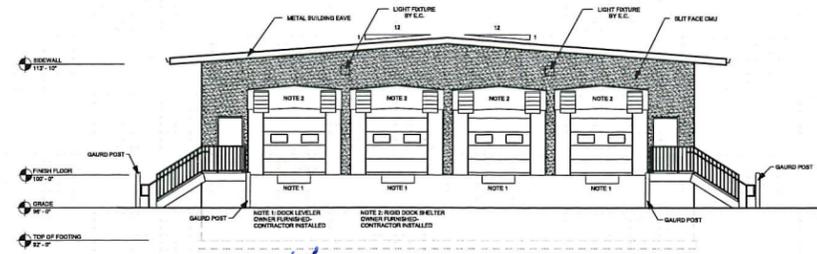
The site, architectural, landscape and lighting plan meets the requirements.

Are there any comments about the project?

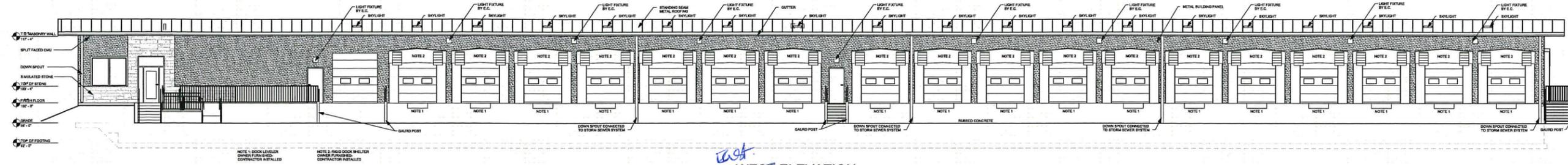
Staff recommends: Staff recommends the ARB recommend to the Plan Commission approval of the site, architectural, landscape and lighting plan for Midwest Motor Express at the south east corner of Hwy F and Hwy K on Quarry corners Parkway in the Town of Lisbon.



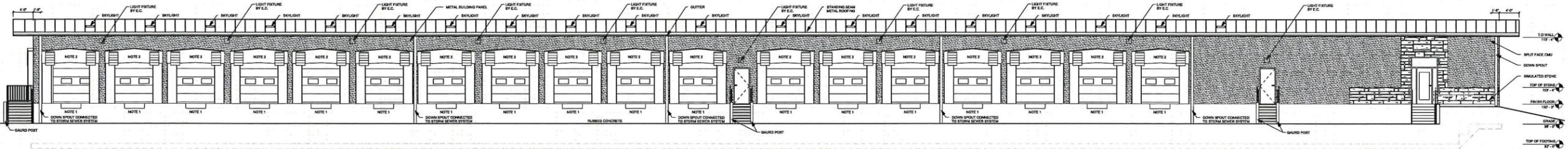
South
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



North
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



West
WEST ELEVATION
SCALE: 1/8" = 1'-0"



West
EAST ELEVATION
SCALE: 1/8" = 1'-0"



South

RENDERING VIEW FROM NORTHEAST
NOT TO SCALE

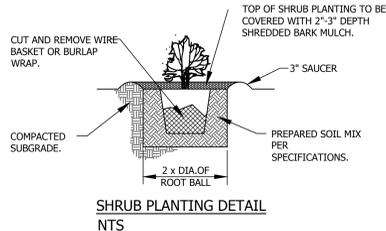
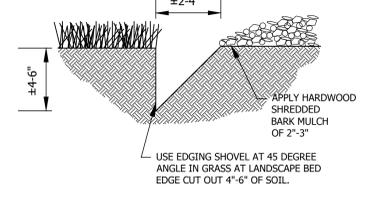
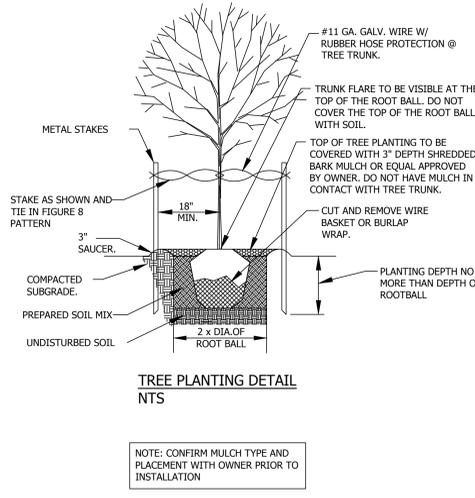
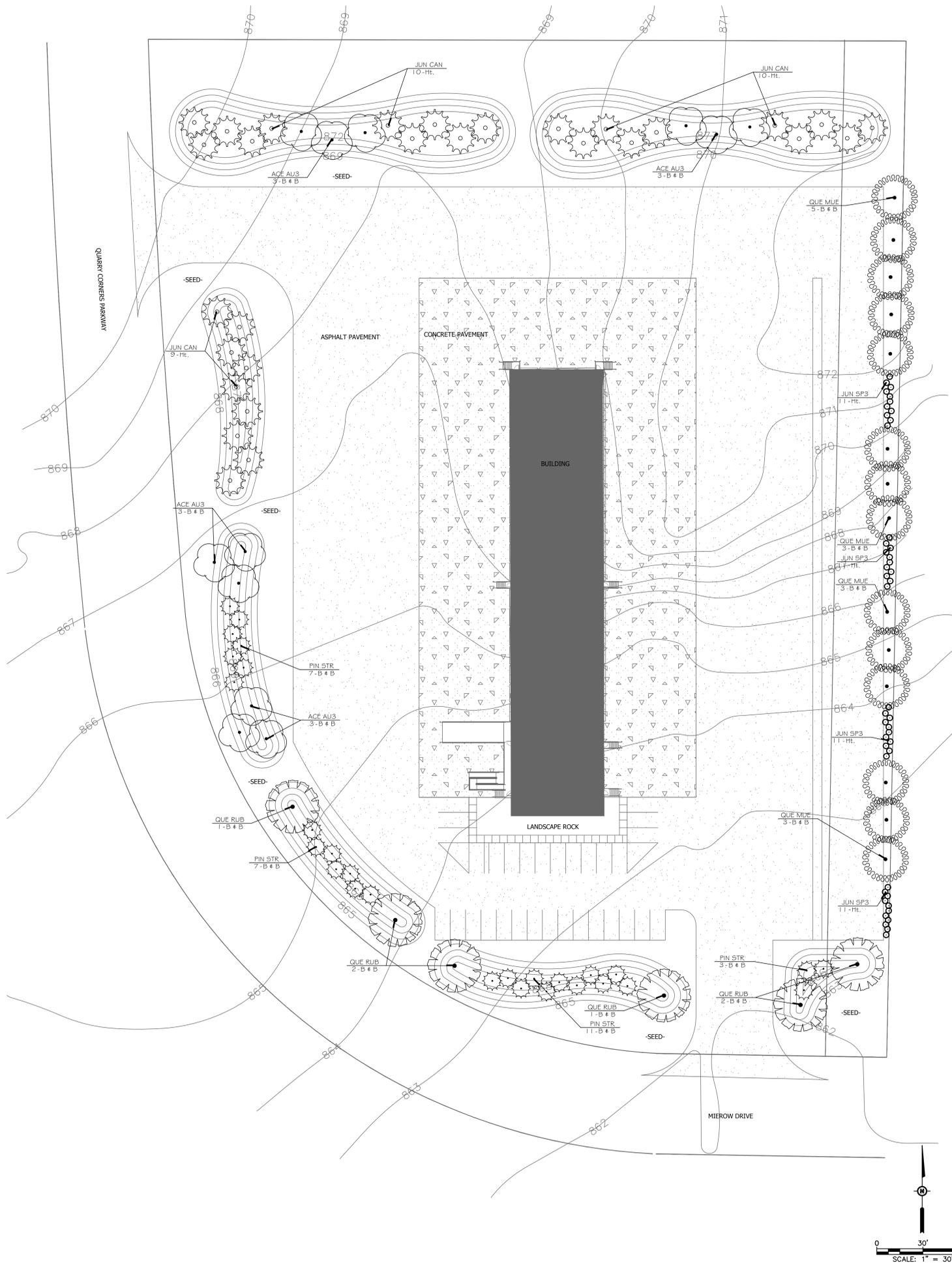
DRAWN BY:
CHECKED BY:
PROJECT NO.
DATE

JIRAN ARCHITECTS & PLANNERS P.C.
BOX 5015 1481 INTERSTATE LOOP SUITE A BISMARCK, ND 58508
PHONE: 701-558-1672
FAX: 701-558-1771



BUILDING ELEVATIONS
AND RENDERING

LOAD TRANSFER FACILITY - LISBON, WISCONSIN
MIDWEST MOTOR EXPRESS



LANDSCAPE NOTES:

1. ALL PLANT MATERIALS SHALL MEET MINIMUM REQUIREMENTS SHOWN IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1-2004).
2. EACH TREE AND SHRUB SHALL BE SECURELY LABELED WITH A WATERPROOF TAG INDICATING BOTANICAL NAME AND COMMON NAME FOR DELIVERY TO SITE.
3. NO PLANT MATERIAL SHALL BE SUBSTITUTED WITH OUT THE APPROVAL OF THE OWNER. ALL PLANTING LOCATIONS FOR TREES AND SHRUBS SHALL BE APPROVED BY THE OWNER, PRIOR TO INSTALLATION.
4. ALL DISCREPANCIES AND/OR FIELD CHANGES SHALL BE REPORTED TO THE OWNER FOR APPROVAL PRIOR TO IMPLEMENTATION. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS OR OBSTRUCTIONS NOTIFY THE OWNER BEFORE PLANTING.
5. VERIFY LOCATION OF AND PROTECT ALL UTILITIES AND STRUCTURES. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THOSE CONDUCTING THE PLANTING.
6. ALL SHRUB AND TREE PLANTING AREAS SHALL BE EXCAVATED AND BACK-FILLED WITH PLANT MIX. DISCARD SUBSOIL REMOVED FROM PLANTING AREA EXCAVATION; DO NOT MIX WITH PLANT MIX OR USE AS BACK-FILL. SEE SHRUB & TREE PLANTING DETAILS FOR COMPLETE PLANTING PREPARATION. PREPARE PLANTING AREAS AND INSTALL PLANTS COMPLETELY, PRIOR TO SEEDING.
7. PLANT MIX SHALL CONSIST OF TOPSOIL COMPLETELY FREE OF DEBRIS, ROCK IN EXCESS OF 1" IN DIAMETER, STICKS AND CLAY.
8. ALL SHRUBS SHALL BE INSTALLED IN PROPOSED PLANTING BEDS AND COVERED WITH SHREDDED HARDWOOD BARK MULCH OR EQUAL APPROVED BY OWNER.
9. ALL PLANTED SURFACES SHALL RECEIVE EMULSION TYPE, FILM FORMING, ANTI-DESSICANT AGENT DESIGNED TO PERMIT TRANSPIRATION, BUT RETARD EXCESSIVE LOSS OF MOISTURE FROM PLANTS. ANTI-DESSICANT TO BE DELIVERED IN MANUFACTURER'S FULLY IDENTIFIED CONTAINERS AND MIXED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. APPLY PRIOR TO APPLICATION OF MULCH.
10. ALL DISTURBED AREAS NOT DESIGNATED AS PAVEMENT OR PLANTING BEDS SHALL BE SEEDDED OR SODDED. SOD SHALL BE TURF TYPE TALL FESCUE BLEND OR APPROVED EQUAL AT THE DIRECTION OF THE OWNER. SEED SHALL BE TURF TYPE TALL FESCUE BLEND SUCH AS WINNING COLORS OR APPROVED EQUAL AT THE DIRECTION OF THE OWNER. ALL TURF AREAS SHALL CONSIST OF A MINIMUM 6" THICKNESS TOPSOIL FREE OF CLAY, DEBRIS, STICKS OR ROCKS IN EXCESS OF 1" IN DIAMETER. ALL TOPSOIL AREAS

- SHALL BE FINE GRADED AND RAKED, REMOVING RIDGES AND FILLING DEPRESSIONS AS REQUIRED TO MEET FINISHED GRADES AND CREATE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PRIOR TO SODDING, MOISTEN PREPARED TOPSOIL IF GROUND IS DRY. AFTER ONE MONTH FOLLOWING SEEDING, APPLY FERTILIZER AT THE MANUFACTURER'S RECOMMENDED RATE FOR NEWLY ESTABLISHED LAWNS. AFTER TWO MONTHS FOLLOWING SODDING, APPLY GYPSUM AT THE RATE OF 100 LBS. PER 1000 SQ. FEET. MAINTAIN ALL TURF AREAS THROUGHOUT THE WARRANTY PERIOD AND SHALL PERFORM OPERATIONS SUCH AS ROLLING, REGRADING, RESODDING, RESEEDING AND/OR REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH TURF SURFACE, FREE OF ERODED OR BARE AREAS TO THE SATISFACTION OF THE OWNER.
11. ALL UTILITY INFORMATION SHOWN HEREIN IS BASED ON THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN. THE CONTRACTOR SHALL VERIFY ALL UTILITY DEPTHS AND LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES TO FIELD LOCATE AND/OR ADJUST THEIR UTILITY AS REQUIRED FOR CONSTRUCTION. ALL UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER ASSUMES NO LIABILITY FOR SAME.
 12. CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING THE AREAS AND QUANTITIES OF SEED NEEDED FOR OPTIMUM COVERAGE.
 13. ALL PLANTING BED EDGING IS NATURAL EARTH V-CUT EDGE OR EQUAL PER DIRECTION OF THE OWNER. LINES AND CURVES SHALL BE CONTINUOUS AND SMOOTH, MEETING THE DESIGN INTENT SHOWN ON THE DRAWINGS.
 14. REMOVE ANY EXCESS SOIL AND DEBRIS FROM AREA AND DISPOSE OF IN AN APPROVED MANNER.
 15. SPACING SHOWN FOR PLANTS IS FOR INFORMATION ONLY AND SHALL BE ADJUSTED AS REQUIRED TO PROVIDE UNIFORM SPACING WITHIN PLANTING BEDS.
 16. PROTECTION MEASURES FOR EXISTING VEGETATION SHALL INCLUDE A REQUIREMENT THAT THE DRIP-LINE AREA (UNDER THE CANOPY) SHALL BE FENCED WITH CONSTRUCTION FENCING PRIOR TO ANY CONSTRUCTION ACTIVITY IN THE AREA. SIGNAGE INDICATING THAT "NO DEVELOPMENT ACTIVITY INCLUDING GRADING, TRENCHING, OR STORING OF VEHICLES OR MATERIALS MAY OCCUR WITHIN THIS AREA".

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE
ACE AU3	12	Acer rubrum 'Autumn Blaze' / Autumn Blaze Red Maple	B & B	2"Cal	
JUN SP3	44	Juniperus chinensis 'Spartan' / Spartan Juniper	Ht.		6' Min.
JUN CAN	29	Juniperus virginiana 'Canaerti' / Canaerti Juniper	Ht.		6' Min.
PIN STR	28	Pinus strobus / White Pine	B & B		6' Min.
QUE MUE	14	Quercus muehlenbergii / Chinkapin Oak	B & B	2"Cal	
QUE RUB	6	Quercus rubra / Red Oak	B & B	2"Cal	

NOT FOR CONSTRUCTION



DRAWN BY: KES
CHECKED BY: WDV
PROJECT NO.:
DATE: 1-28-16

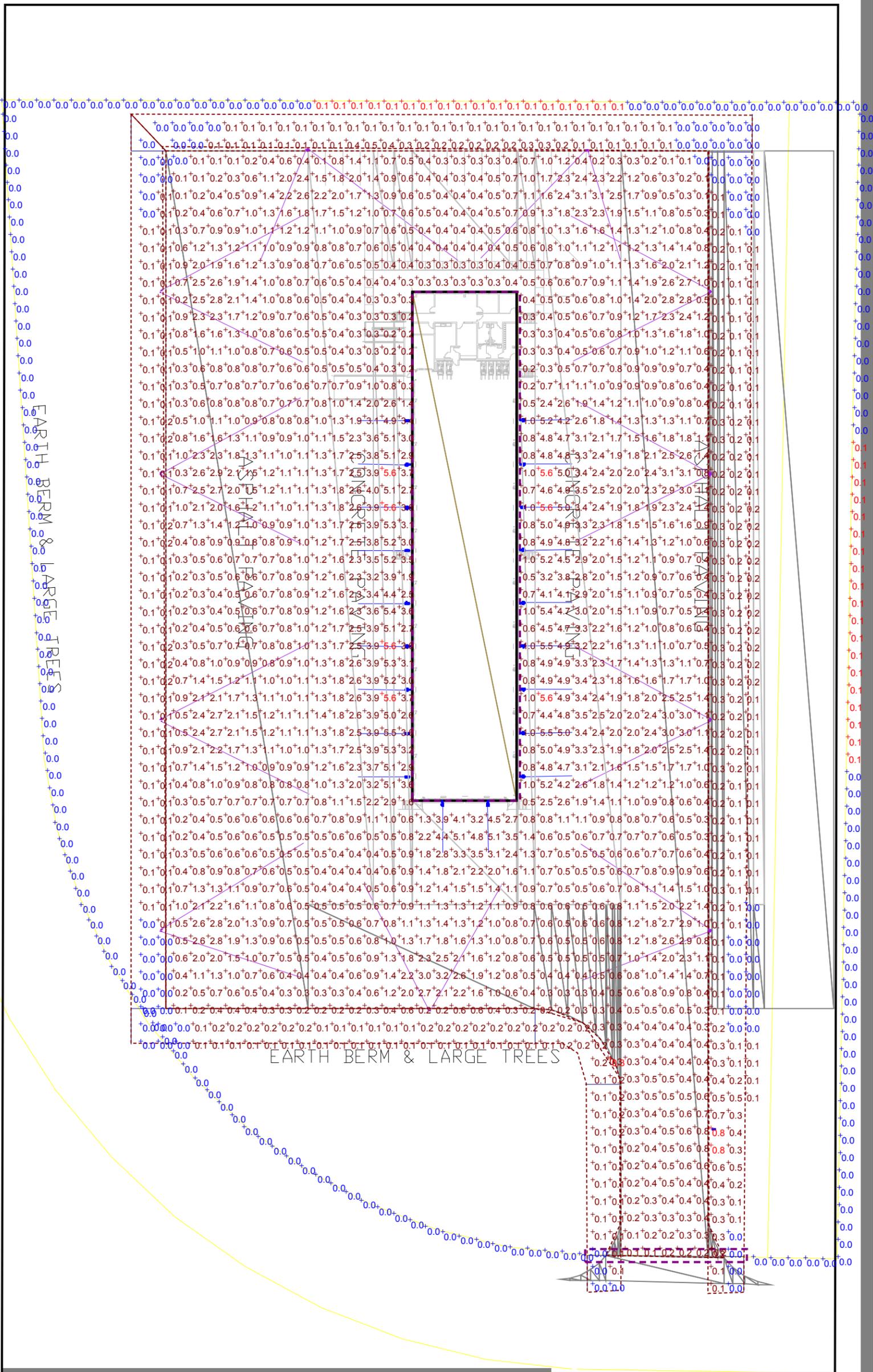
JIRAN ARCHITECTS & PLANNERS P.C.
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PHONE: 701-258-7771



PRELIMINARY SITE/
LANDSCAPING PLAN

LOAD TRANSFER FACILITY - LISBON, WISCONSIN
MIDWEST MOTOR EXPRESS

L100



Plan View							
Description	Symbol	Avg	Max	Scale	Avg/Min	Avg/Max	
20 Foot Setback - East	+	0.1 fc	0.8 fc	0.0 fc	N/A	N/A	0.1:1
20 Foot Setback - West	+	0.1 fc	0.3 fc	0.0 fc	N/A	N/A	0.3:1
Parking lot	+	1.3 fc	5.6 fc	0.0 fc	N/A	N/A	0.2:1
Property Line	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A	0.0:1

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	20	Lithonia Lighting	DSXF2 LED 4 A530/30K WFL MVOLT	D-SERIES FLOOD SIZE 2 WITH 4 COB, 3000K (WFL) DISTRIBUTION, NEMA TYPE 6HX6V	LED	1	DSXF2_LED_4_A530_3 OK_WFL_MVOLT.ies	-1	0.9	79.35
	B	22	Lithonia Lighting	DSXF2 LED 4 A530/50K WFL MVOLT	D-SERIES FLOOD SIZE 2 WITH 4 COB, 5000K (WFL) DISTRIBUTION, NEMA TYPE 6HX6V	LED	1	DSXF2_LED_4_A530_5 OK_WFL_MVOLT.ies	-1	0.9	79.35
	C	1	Lithonia Lighting	DSX1 LED 40C 530 AMBPC T3M MVOLT	DSX1 LED WITH (2) 20 LED LIGHT ENGINES, TYPE T3M OPTIC, AMBER PC, @ 530mA	LED	1	DSX1_LED_40C_530_A MBPC_T3M_MVOLT.ies	4941.053	0.9	67.74

Designer
Date 1/5/2016
Scale Not to Scale
Drawing No.
Summary



d²series

D-Series Size 2 LED Flood Luminaire



Catalog
Number

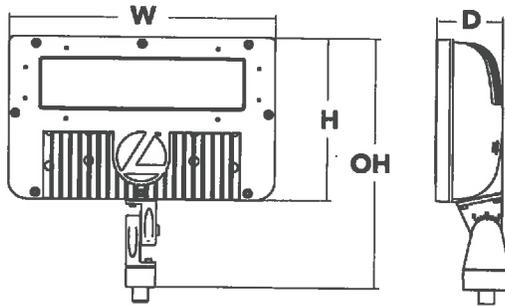
Notes

Type

Type A - Building Mounted

Specifications

EPA:	0.8 ft ² (0.03 m ²)
Depth:	3-1/8" (3.0 cm)
Width:	12-7/8" (32.6 cm)
Height:	7-3/4" (19.8 cm)
Overall Height:	12" (30.5 cm)
Weight:	10.5 lbs (4.8 kg)



Introduction

The D-Series Size 2 Flood features precision optics to beautifully illuminate a variety of applications as its sleek, compact styling blends seamlessly with its environment.

The D-Series Flood reflector systems and cutting-edge chip-on-board LED technology produce low field-to-beam ratios for minimal spill light and incredible photometric performance. It's the ideal long-life replacement for 150 - 250W metal halide floods, with typical energy savings of 70% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSXF2 LED 4 A530/40K MSP MVOLT THK DDBXD

DSXF2 LED

Series	Light Engines	Performance Package	Distribution	Voltage	Mounting	Options	Finish <i>(required)</i>
DSXF2 LED	3 Three COB engines ¹	530 mA options: A530/30K 3000K A530/40K 4000K A530/50K 5000K	NSP Narrow spot	MVOLT² 120 ² 208 ² 240 ² 277 ² 347 480	Shipped included THK Knuckle with 1/2" NPS threaded pipe YKC62 Yoke with 16-3 SO cord IS Integral slipfitter (fits 2-3/8" O.D. tenon) Shipped separately³ DSXF1/2TS Tenon slipfitter (2-3/8" O.D. THK required) FTS CG6 Tenon slipfitter (2-7/8" O.D. YKC62 required)	Shipped installed PE Photocontrol, button style ⁴ DMG 0-10V dimming driver (no controls) ^{1,5} SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ Shipped separately³ UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White
			MSP Medium spot				
	MFL Medium flood						
	FL Flood						
	WFL Wide flood						
	WFR Wide flood, rectangular						
HMF Horizontal flood							

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
DSXF2 LED 3 A530/40K WFL MVOLT THK DDBXD	DSXF2 LED 3 40K
DSXF2 LED 3 A530/50K WFL MVOLT THK DDBXD	DSXF2 LED 3 50K
DSXF2 LED 4 A530/40K WFL MVOLT THK DDBXD	DSXF2 LED 4 40K
DSXF2 LED 4 A530/50K WFL MVOLT THK DDBXD	DSXF2 LED 4 50K

Accessories

Ordered and shipped separately.

DSXF1/2TS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" OD tenons; mates with 1/2" threaded knuckle (specify finish)
FTS CG6 DDBXD U	Slipfitter for 2-3/8" to 2-7/8" OD tenons; mates with yoke mount (specify finish)
FRWB DDBXD U	Radius wall bracket, 2-3/8" OD tenon (specify finish)
FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)
DSXF2UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF2FV DDBXD U	Full visor accessory (specify finish)
DSXF2VG U	Vandal guard accessory

For more mounting options, visit our [Fluoridigit Lighting Accessories](#) pages.

NOTES

- Not available with 347 or 480V.
- MVOLT driver operates on any line voltage from 120-277V. Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photocontrol (PE).
- Also available as separate accessories; see Accessories information at left.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option.
- Not available with three-engine product (DSXF2 LED 3).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.



FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 2 Flood reflects the embedded high performance LED technology. It is ideal for larger signage, facade and flagpole lighting in many commercial and residential applications.

CONSTRUCTION

Die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. 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 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.

OPTICS

A variety of precision-molded vacuum-metallized specular reflectors are engineered for superior field-to-beam ratios, uniformity and spacing. Light engines are available in 3000K (70 CRI min.), 4000K (70 CRI min.) or 5000K (70 CRI min.) configurations. Optional visors offer additional versatility.

ELECTRICAL

Light engine(s) consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life (100,000 hrs, L80). Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Surge protection meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Integral adjustable knuckle with 1/2-14 NPS threaded pipe, tenon slipfitter, or yoke mounting, facilitates quick and easy installation to a variety of mounting accessories. This secure connection enables the D-Series Size 2 to withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. 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. Full warranty terms located at www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.





d²series

D-Series Size 2 LED Flood Luminaire



Catalog Number

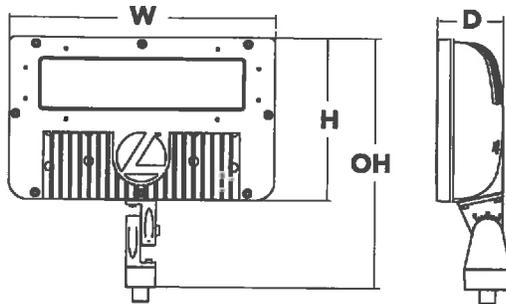
Notes

Type

Type B - Pole Mounted

Specifications

EPA:	0.8 ft ² (0.05 m ²)
Depth:	3-1/8" (7.0 cm)
Width:	12-7/8" (32.6 cm)
Height:	7-3/4" (19.8 cm)
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Ordering Information

EXAMPLE: DSXF2 LED 4 A530/40K MSP MVOLT THK DDBXD

DSXF2 LED

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DSXF2 LED	3 Three COB engines ¹	530 mA options: A530/30K 3000K A530/40K 4000K A530/50K 5000K	NSP Narrow spot	MVOLT² 120 ² 208 ² 240 ² 277 ² 347 480	Shipped included THK Knuckle with 1/2" NPS threaded pipe YKC62 Yoke with 16-3 SO cord IS Integral slipfitter (fits 2-3/8" O.D. tenon) Shipped separately³ DSXF1/2TS Tenon slipfitter (2-3/8" O.D. THK required) FTS CG6 Tenon slipfitter (2-7/8" O.D. YKC62 required)	Shipped installed PE Photocontrol, button style ⁴ DMG 0-10V dimming driver (no controls) ^{1,5} SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ Shipped separately³ UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White
	4 Four COB engines		MSP Medium spot MFL Medium flood FL Flood WFL Wide flood WFR Wide flood, rectangular HMF Horizontal flood				

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
DSXF2 LED 3 A530/40K WFL MVOLT THK DDBXD	DSXF2 LED 3 40K
DSXF2 LED 3 A530/50K WFL MVOLT THK DDBXD	DSXF2 LED 3 50K
DSXF2 LED 4 A530/40K WFL MVOLT THK DDBXD	DSXF2 LED 4 40K
DSXF2 LED 4 A530/50K WFL MVOLT THK DDBXD	DSXF2 LED 4 50K

Accessories

Ordered and shipped separately

DSXF1/2TS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" OD tenons; mates with 1/2" threaded knuckle (specify finish)
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FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)
DSXF2UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF2FV DDBXD U	Full visor accessory (specify finish)
DSXF2VG U	Vandal guard accessory

For more mounting options, visit our [Floodlighting Accessories](#) pages.

NOTES

- Not available with 347 or 480V.
- MVOLT driver operates on any line voltage from 120-277V. Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options) or photocontrol (PE).
- Also available as separate accessories; see Accessories information at left.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option.
- Not available with three-engine product (DSXF2 LED 3).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.



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. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%. Contact factory for performance data on any configurations not shown here.

Light Engines	Drive Current (mA)	Performance Package	System Watts	Dist. Type	Field Angle		Beam Angle		30K (3000K, 70 CRI)			40K (4000K, 70 CRI)			50K (5000K, 70 CRI)			
					H	V	H	V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	
					H		V											
3	530	A530/-K	54W	NSP	48	49	19	19	19,398	3868	72	20,166	4648	86	20,103	4670	86	
					MSP	50	48	24	23	18,631	4234	78	18,619	5087	94	18,561	5111	95
					MFL	60	60	47	46	6177	3614	67	7751	4342	80	7726	4363	81
					FL	85	84	63	62	5069	4813	89	5124	5783	107	5108	5810	108
					WFL	106	106	71	72	3573	4776	88	3842	6108	113	3830	5766	107
					WFR	107	88	85	64	3513	4845	90	3828	5821	108	3816	5849	108
					HMF	100	62	80	13	3969	2119	39	3479	2546	47	3468	2558	47
4	530	A530/-K	74W	NSP	48	49	19	19	25,870	5159	70	26,893	6198	84	26,809	6228	84	
					MSP	50	48	24	23	25,415	5775	78	24,830	6933	94	24,752	6966	94
					MFL	60	60	47	46	8237	4820	65	10,336	5791	78	10,304	5818	79
					FL	85	84	63	62	6760	6419	87	6833	7712	104	6811	7749	105
					WFL	106	106	71	72	4758	6359	86	5124	7633	103	5108	7670	104
					WFR	107	88	85	64	4684	6462	87	5105	7764	105	5089	7801	105
					HMF	100	62	80	13	5293	2826	38	4639	3396	46	4625	3412	46

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	1.07
10°C	1.04
20°C	1.02
25°C	1.00
30°C	0.98
40°C	0.95

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSXF LED 4 A530 platform based on 8400 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	0.94	0.90	0.80

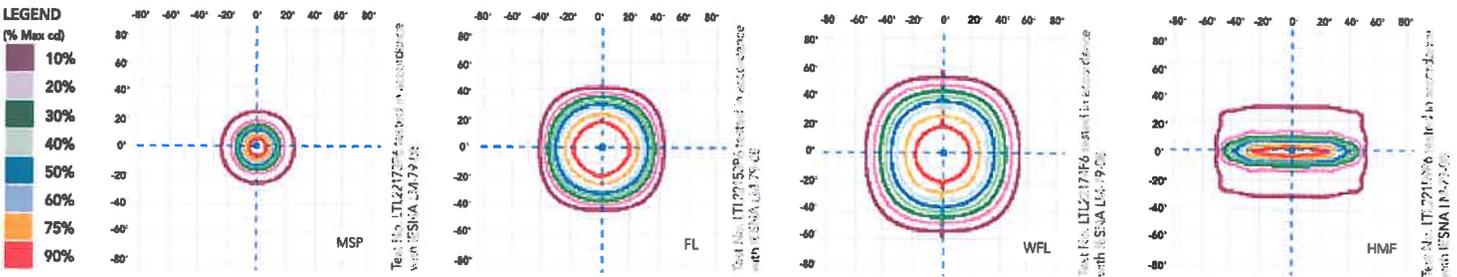
Electrical Load

Light Engines	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
3	530	54W	0.47	0.28	0.22	0.2	0.17	0.12
4	530	74W	0.63	0.37	0.33	0.3	0.22	0.16

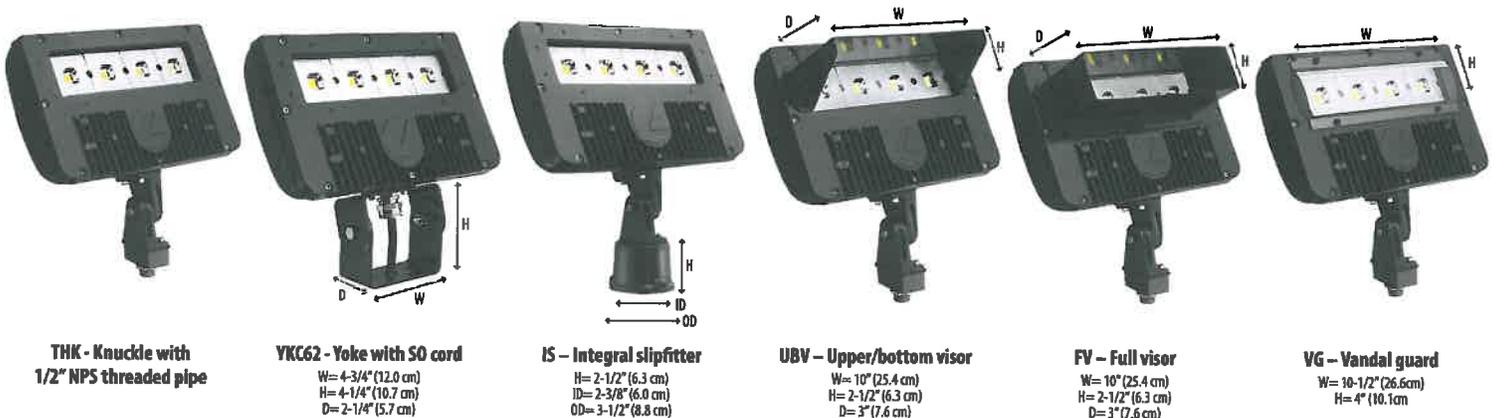
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Flood Size 2 homepage](#).

Iscandela plots for the DSXF2 LED 4 A530/40K.



Mounting, Options and Accessories



FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 2 Flood reflects the embedded high performance LED technology. It is ideal for larger signage, facade and flagpole lighting in many commercial and residential applications.

CONSTRUCTION

Die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. 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 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.

OPTICS

A variety of precision-molded vacuum-metallized specular reflectors are engineered for superior field-to-beam ratios, uniformity and spacing. Light engines are available in 3000K (70 CRI min.), 4000K (70 CRI min.) or 5000K (70 CRI min.) configurations. Optional visors offer additional versatility.

ELECTRICAL

Light engine(s) consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life (100,000 hrs, L80). Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <:1% failure rate. Surge protection meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Integral adjustable knuckle with 1/2-14 NPS threaded pipe, tenon slipfitter, or yoke mounting, facilitates quick and easy installation to a variety of mounting accessories. This secure connection enables the D-Series Size 2 to withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. 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. Full warranty terms located at www.acuitybrands.com/CustomerResource/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.





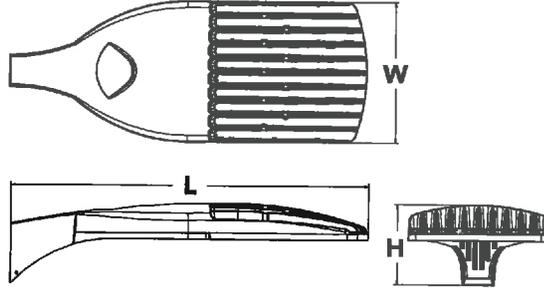
D-Series Size 1 LED Area Luminaire

d^{series}



Specifications

EPA:	1.2 ft ² (0.11 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



Catalog Number

Notes

Type **Type C - Pole Mounted**

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 100 – 400W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics	530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	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 ³ 120 ³ 208 ³ 240 ³ 277 ³ 347 ⁴ 480 ⁴	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁵ RPUMBA Round pole universal mounting adaptor ⁵ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁶
	Rotated optics¹					
	60C 60 LEDs (two engines)					
	60C 60 LEDs (two engines)					

Control options

Shipped installed

PER	NEMA twist-lock receptacle only (no controls) ⁷
PERS	Five-wire receptacle only (no controls) ^{7,8}
PER7	Seven-wire receptacle only (no controls) ^{7,8}
DMG	0-10V dimming driver (no controls) ⁹
DCR	Dimmable and controllable via ROAM [®] (no controls) ¹⁰
DS	Dual switching ^{11,12}
PIR	Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ¹³
PIRH	Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ¹³

PIR1FC3V	Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ¹³
PIRH1FC3V	Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ¹³
BL30	Bi-level switched dimming, 30% ^{12,14}
BL50	Bi-level switched dimming, 50% ^{12,14}
PNMTDD3	Part night, dim till dawn ¹⁵
PNMTSD3	Part night, dim 5 hrs ¹⁵
PNMT6D3	Part night, dim 6 hrs ¹⁵
PNMT7D3	Part night, dim 7 hrs ¹⁵

Other options

Shipped installed

HS	House-side shield ¹⁶	DDBXD	Dark bronze
WTB	Utility terminal block ¹⁷	DBLXD	Black
SF	Single fuse (120, 277, 347V) ¹⁸	DNAXD	Natural aluminum
DF	Double fuse (208, 240, 480V) ¹⁸	DWHXD	White
L90	Left rotated optics ¹⁹	DDBTXD	Textured dark bronze
R90	Right rotated optics ¹⁹	DBLBXD	Textured black
		DNATXD	Textured natural aluminum
		DWHGXD	Textured white

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²⁰
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²⁰
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²⁰
SC U	Shorting cap ²⁰
DSX1HS 30C U	House-side shield for 30 LED unit
DSX1HS 40C U	House-side shield for 40 LED unit
DSX1HS 60C U	House-side shield for 60 LED unit
PUMBA DDBXD U ⁶	Square and round pole universal mounting bracket (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁶

NOTES

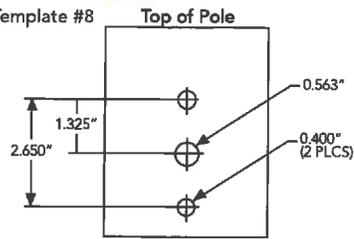
- Rotated optics available with 60C only.
- AMBPC only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (30C 530 or 60C 530 DS). Not available with BL30, BL50 or PNMT options.
- Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- 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. Not available with DS option.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
- 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 DS, PERS, PER7, BL30, BL50 or PNMT options.

- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR or PIRH.
- Requires an additional switched circuit.
- PIR and PIR1FC3V specify the SensorSwitch SBGR-10-ODP control; PIRH and PIRH1FC3V specify the SensorSwitch SBGR-6-OD³ control; see Motion Sensor Guide for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PERS, PER7 or PNMT options.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PERS, PER7, BL30 or BL50.
- Also available as a separate accessory; see Accessories information.
- WTB not available with DS.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Available with 60 LEDs (60C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.



Drilling

Template #8



DSX1 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 DD8XD

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.

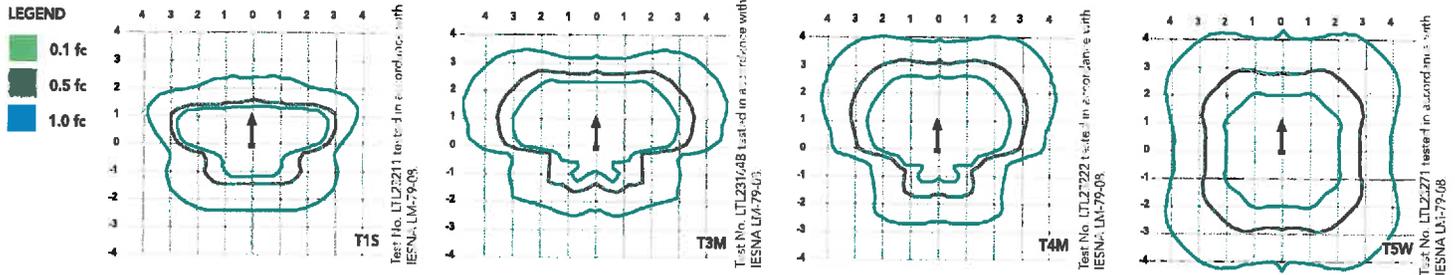
Tenon Mounting Slipfitter**

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 1 homepage**.

Isofootcandle plots for the DSX1 LED 60C 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
30	530	52	0.52	0.30	0.26	0.23	—	—
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
40	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
60	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	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	DSX1 LED 60C 1000			
	1.0	0.98	0.96	0.91
	DSX1 LED 60C 700			
	1.0	0.99	0.99	0.99

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 (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMRPC (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)	700 mA	68 W	T1S	7,554	1	0	1	111	8,112	2	0	2	119	8,163	2	0	2	120	4,561	1	0	1	67
			T2S	7,789	2	0	2	115	8,364	2	0	2	123	8,416	2	0	2	124	4,777	1	0	1	70
			T2M	7,610	1	0	2	112	8,172	2	0	2	120	8,223	2	0	2	121	4,622	1	0	2	68
			T3S	7,601	1	0	2	112	8,162	2	0	2	120	8,213	2	0	2	121	4,724	1	0	1	69
			T3M	7,670	1	0	2	113	8,236	2	0	2	121	8,288	2	0	2	122	4,701	1	0	2	69
			T4M	7,774	1	0	2	114	8,348	2	0	2	123	8,400	2	0	2	124	4,709	1	0	2	69
			TFTM	7,658	1	0	2	113	8,223	1	0	2	121	8,275	1	0	2	122	4,638	1	0	2	68
			TSVS	8,090	2	0	0	119	8,687	3	0	1	128	8,742	3	0	1	129	4,922	2	0	0	72
			TSS	8,150	2	0	0	120	8,751	3	0	0	129	8,806	3	0	0	130	4,863	2	0	0	72
			TSM	8,164	3	0	1	120	8,767	3	0	2	129	8,821	3	0	2	130	4,924	3	0	1	72
	TSW	8,044	3	0	1	118	8,638	3	0	2	127	8,692	3	0	2	128	4,787	3	0	1	70		
	1000 mA	105 W	T1S	10,331	2	0	2	98	11,094	2	0	2	106	11,163	2	0	2	106					
			T2S	10,652	2	0	2	101	11,438	2	0	2	109	11,510	2	0	2	110					
			T2M	10,408	2	0	2	99	11,176	2	0	3	106	11,246	2	0	3	107					
			T3S	10,395	2	0	2	99	11,163	2	0	2	106	11,233	2	0	2	107					
			T3M	10,490	2	0	2	100	11,264	2	0	2	107	11,335	2	0	2	108					
			T4M	10,632	2	0	2	101	11,417	2	0	2	109	11,488	2	0	2	109					
			TFTM	10,473	2	0	2	100	11,247	2	0	3	107	11,317	2	0	3	108					
			TSVS	11,064	3	0	1	105	11,881	3	0	1	113	11,955	3	0	1	114					
			TSS	11,145	3	0	1	106	11,968	3	0	1	114	12,043	3	0	1	115					
TSM			11,165	3	0	2	106	11,989	4	0	2	114	12,064	4	0	2	115						
TSW	11,001	3	0	2	105	11,813	4	0	2	113	11,887	4	0	2	113								
40C (40 LEDs)	700 mA	89 W	T1S	9,984	2	0	2	112	10,721	2	0	2	120	10,788	2	0	2	103	6,014	1	0	1	68
			T2S	10,294	2	0	2	116	11,054	2	0	2	124	11,123	2	0	2	106	6,299	2	0	2	71
			T2M	10,059	2	0	2	113	10,801	2	0	3	121	10,869	2	0	3	104	6,094	2	0	2	68
			T3S	10,046	2	0	2	113	10,788	2	0	2	121	10,855	2	0	2	103	6,229	1	0	2	70
			T3M	10,137	2	0	2	114	10,886	2	0	2	122	10,954	2	0	2	104	6,198	2	0	2	70
			T4M	10,275	2	0	2	115	11,033	2	0	2	124	11,102	2	0	2	106	6,209	1	0	2	70
			TFTM	10,122	2	0	2	114	10,869	2	0	2	122	10,937	2	0	2	104	6,115	1	0	2	69
			TSVS	10,693	3	0	1	120	11,482	3	0	1	129	11,554	3	0	1	110	6,490	2	0	0	73
			TSS	10,771	3	0	1	121	11,566	3	0	1	130	11,639	3	0	1	111	6,411	2	0	0	72
			TSM	10,790	3	0	2	121	11,587	4	0	2	130	11,659	4	0	2	111	6,492	3	0	1	73
	TSW	10,632	3	0	2	119	11,417	4	0	2	128	11,488	4	0	2	109	6,311	3	0	2	71		
	1000 mA	138 W	T1S	13,655	2	0	2	99	14,663	3	0	3	106	14,754	3	0	3	107					
			T2S	14,079	2	0	2	102	15,118	3	0	3	110	15,212	3	0	3	110					
			T2M	13,756	2	0	3	100	14,772	3	0	3	107	14,864	3	0	3	108					
			T3S	13,739	2	0	2	100	14,754	2	0	2	107	14,846	3	0	3	108					
			T3M	13,864	2	0	2	100	14,888	3	0	3	108	14,981	3	0	3	109					
			T4M	14,052	2	0	2	102	15,090	3	0	3	109	15,184	3	0	3	110					
			TFTM	13,842	2	0	3	100	14,864	2	0	3	108	14,957	2	0	3	108					
			TSVS	14,623	3	0	1	106	15,703	4	0	1	114	15,801	4	0	1	115					
			TSS	14,731	3	0	1	107	15,818	3	0	1	115	15,917	3	0	1	115					
TSM			14,757	4	0	2	107	15,846	4	0	2	115	15,945	4	0	2	116						
TSW	14,540	4	0	2	105	15,614	4	0	2	113	15,711	4	0	2	114								
60C (60 LEDs)	700 mA	131 W	T1S	14,694	2	0	2	106	15,779	3	0	3	114	15,877	3	0	3	115	8,952	2	0	2	68
			T2S	15,150	3	0	3	110	16,269	3	0	3	118	16,370	3	0	3	119	9,377	2	0	2	72
			T2M	14,803	2	0	3	107	15,896	3	0	3	115	15,995	3	0	3	116	9,072	2	0	2	69
			T3S	14,785	2	0	2	107	15,877	3	0	3	115	15,976	3	0	3	116	9,273	2	0	2	71
			T3M	14,919	2	0	2	108	16,021	3	0	3	116	16,121	3	0	3	117	9,227	2	0	2	70
			T4M	15,122	2	0	2	110	16,238	3	0	3	118	16,340	3	0	3	118	9,243	2	0	2	71
			TFTM	14,896	2	0	3	108	15,996	2	0	3	116	16,096	2	0	3	117	9,103	2	0	2	69
			TSVS	15,736	3	0	1	114	16,898	4	0	1	122	17,004	4	0	1	123	9,661	3	0	1	74
			TSS	15,852	3	0	1	115	17,022	4	0	1	123	17,129	4	0	1	124	9,544	3	0	1	73
			TSM	15,880	4	0	2	115	17,052	4	0	2	124	17,159	4	0	2	124	9,665	3	0	2	74
	TSW	15,647	4	0	2	113	16,802	4	0	2	122	16,907	4	0	2	123	9,395	4	0	2	72		
	1000 mA	209 W	T1S	20,095	3	0	3	96	21,579	3	0	3	103	21,714	3	0	3	104					
			T2S	20,720	3	0	3	99	22,249	3	0	3	106	22,388	3	0	3	107					
			T2M	20,245	3	0	3	97	21,740	3	0	3	104	21,876	3	0	3	105					
			T3S	20,220	3	0	3	97	21,713	3	0	3	104	21,849	3	0	3	105					
			T3M	20,404	3	0	3	98	21,910	3	0	4	105	22,047	3	0	4	105					
			T4M	20,681	3	0	3	99	22,207	3	0	4	106	22,346	3	0	4	107					
			TFTM	20,372	3	0	3	97	21,876	3	0	4	105	22,013	3	0	4	105					
			TSVS	21,521	4	0	1	103	23,110	4	0	1	111	23,254	4	0	1	111					
			TSS	21,679	4	0	1	104	23,280	4	0	1	111	23,425	4	0	1	112					
TSM			21,717	4	0	2	104	23,321	5	0	3	112	23,466	5	0	3	112						
TSW	21,399	4	0	3	102	22,979	5	0	3	110	23,122	5	0	3	111								

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 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 (1.2 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 (70 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 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 configurations consist of 30, 40 or 60 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 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 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

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResource/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.