### **URBAN DESIGN COMMISSION APPLICATION**

UDC

City of Madison Planning Division Madison Municipal Building, Suite 017 215 Martin Luther King, Jr. Blvd. P.O. Box 2985 Madison, WI 53701-2985 (608) 266-4635



### FOR OFFICE USE ONLY:

Date Received \_\_\_\_

Initial Submittal

Paid

. . . . .

Revised Submittal

**Complete all sections of this application, including the desired meeting date and the action requested.** If your project requires both UDC <u>and</u> Land Use application submittals, a completed <u>Land Use Application</u> and accompanying submittal materials are also required to be submitted.

If you need an interpreter, translator, materials in alternate formate or other accommodations to access these forms, please call the Planning Division at (608) 266-4635.

Si necesita interprete, traductor, materiales en diferentes formatos, u otro tipo de ayuda para acceder a estos formularios, por favor llame al (608) 266-4635.

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### 1. Project Information

Address (list all addresses on the project site): 8137 Mayo Drive, 8125 Grotto Lane, 8113 Grotto Lane

Title: Aster Flats

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2. Ap	plication Type (		t apply) and Requested Da	te		
UD	C meeting date r	requested _	9/11/24			
	New developm	nent 🗹	Alteration to an existing o	an existing or previously-approved development		
	Informational		Initial Approval		Final Approval	
3. Pro	oject Type					
	Project in an Ur	rban Design Di	strict	Sig	nage	
			e District (DC), Urban		Comprehensive Design Review (CDR)	
_			ixed-Use Center District (MXC)		Modifications of Height, Area, and Setback	
	Campus Institut		oyment Center District (SEC), (CI), or Employment Campus		Sign Exceptions as noted in Sec. 31.043(3), MGO	
<b>E</b>	District (EC)	+ (55)		Otł	Other	
Planned Devel		opment (PD) Development Plan (GDP)		V	Please specify	
					Administrative Minor Alteration to a PD and SIP	
<ul><li>Specific Implementation Plan (SIP)</li><li>Planned Multi-Use Site or Residential Building Complex</li></ul>						
			sidential bunding complex			
4. Ap	plicant, Agent,	and Property	Owner Information			
Ар	plicant name	RPP Midtowr	1 LLC	Со	npany Moyer Properties LLC	
Str	eet address	1550 Hawtho			//State/Zip Highland Park, IL 60035	
Tel	ephone	419-345-464	3	-	ail alex@ravineparkpartners.com	
Pro	oject contact per	son Alex Mil	anoski	Со	npany Moyer Properties LLC	
		1550 Hawtho		-	//State/Zip Highland Park, IL 60035	
		3		ail alex@ravineparkpartners.com		
Pre	operty owner (if	not applican				
Street address		Cit	City/State/Zip			
Telephone			Email			
			IRBAN DESIGN COMMISSION\TEMPLATES & F		PAGE 1 OF A	

### Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

### **Types of Approvals**

There are three types of requests considered by the UDC:

- <u>Informational Presentation</u>. A request for an Informational Presentation to the UDC may be requested prior to seeking any
  approvals to obtain early feedback and direction before undertaking detailed design efforts. Applicants should provide
  details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC
  understand the proposal and provide feedback. (Does not apply to CDR's or Signage Modification requests)
- <u>Initial Approval</u>. Applicants may, at their discretion, request Initial Approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- <u>Final Approval</u>. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the Initial Approval must be addressed at this time.

### **Presentations to the Commission**

The Urban Design Commission meets virtually via Zoom, typically on the second and fourth Wednesdays of each month at 4:30 p.m. Applicant presentations are strongly encouraged, although not required. Prior to the meeting, each individual speaker is required to complete an online registration form to speak at the meeting. A link to complete the online registration will be provided by staff prior to the meeting. Please note that individual presentations will be limited to a **maximum of three (3) minutes**. The pooling of time may be utilized to provide one speaker more time to present, however the additional time will be based on the number of registrants from the applicant team, i.e. two (2) applicant registrants = six (6) minutes for one (1) speaker.

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics. Please note that presentation slides, in a PDF file format, are required to be submitted **the Friday before** the UDC meeting.

### **URBAN DESIGN DEVELOPMENT PLANS CHECKLIST**

The items listed below are minimum application requirements for the type of approval indicated. Please note that the UDC and/ or staff may require additional information in order to have a complete understanding of the project.

**Providing additional** 

information beyond these

a greater level of feedback

minimums may generate

from the Commission.

### **1. Informational Presentation**

- Locator Map
- □ Letter of Intent (If the project is within an Urban Design District, a summary of <u>how</u> the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan
- □ Two-dimensional (2D) images of proposed buildings or structures.

### 2. Initial Approval

- Locator Map
- □ Letter of Intent (If the project is within a Urban Design District, a summary of <u>how</u> the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- □ Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- □ Landscape Plan and Plant List (*must be legible*)
- Building Elevations in <u>both</u> black & white and color for all building sides, including material and color callouts
- D PD text and Letter of Intent (if applicable)

### 3. Final Approval

All the requirements of the Initial Approval (see above), plus:

- □ Grading Plan
- Lighting Plan, including fixture cut sheets and photometrics plan (must be legible)
- Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- □ Site Plan showing site amenities, fencing, trash, bike parking, etc. (if applicable)
- D PD text and Letter of Intent (if applicable)
- □ Samples of the exterior building materials
- □ Proposed sign areas and types (if applicable)

4. Signage Approval (Comprehensive Design Review (CDR), Sign Modifications, and Sign Exceptions (per Sec. 31.043(3))

- Locator Map
- Letter of Intent (a summary of <u>how</u> the proposed signage is consistent with the CDR or Signage Modifications criteria is required)
- □ Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- □ Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- □ Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- □ Illustration of the proposed signage that meets <u>Ch. 31, MGO</u> compared to what is being requested
- Graphic of the proposed signage as it relates to what the <u>Ch. 31, MGO</u> would permit

### **Requirements for All Plan Sheets**

- 1. Title block
- 2. Sheet number
- 3. North arrow
- 4. Scale, both written and graphic
- 5. Date
- Fully dimensioned plans, scaled at 1"= 40' or larger

\*\* All plans must be legible, including the full-sized landscape and lighting plans (if required)

> Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

UDC

### Urban Design Commission Application (continued)

### 5. Required Submittal Materials

### **M** Application Form

• A completed application form is required for <u>each</u> UDC appearance. For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (Initial or Final Approval) from the UDC.

### Letter of Intent

- If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required.
- For signage applications, a summary of how the proposed signage is consistent with the applicable Comprehensive Design Review (CDR) or Signage Modification review criteria is required.
- Development Plans (Refer to checklist on Page 4 for plan details)
- Filing Fee (Refer to Section 7 (below) for a list of application fees by request type)

### **Electronic Submittal**

- Complete electronic submittals <u>must</u> be received prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. All plans must be legible and scalable when reduced. Individual PDF files of each item submitted should be submitted via email to <u>UDCapplications@cityofmadison.com</u>. The email must include the project address, project name, and applicant name.
- Email Size Limits. Note that <u>an individual email cannot exceed 20MB</u> and <u>it is the responsibility of the applicant</u> to present files in a manner that can be accepted. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.

#### **M** Notification to the District Alder

• Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

#### 6. Applicant Declarations

- 1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with <u>Jessica Vaughn</u> on <u>8/19/2024</u>.
- 2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant <u>RPP Midtown LLC</u>

Relationship to property <u>Owner/Developer</u>

Authorizing signature of property owner  $\frac{Alay}{M}$ 

Date 8/19/2024

### 7. Application Filing Fees

Fee payments are due by the submittal date. Payments received after the submittal deadline may result in the submittal being scheduled for the next application review cycle. Fees may be paid in-person, via US Mail, or City drop box. If mailed, please mail to: *City of Madison Building Inspection, P.O. Box 2984, Madison, WI 53701-2984*. The City's drop box is located outside the Municipal Building at 215 Martin Luther King, Jr. Blvd. on the E Doty Street side of the building. Please make checks payable to *City Treasurer,* and include a completed application form or cover letter indicating the project location and applicant information with all checks mailed or submitted via the City's drop box.

Please consult the schedule below for the appropriate fee for your request:

- Urban Design Districts: \$350 (per <u>§33.24(6) MGO</u>).
- Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)
- □ Comprehensive Design Review: \$500 (per <u>\$31.041(3)(d)(1)(a) MGO</u>)
- □ Minor Alteration to a Comprehensive Sign Plan: \$100 (per <u>§31.041(3)(d)(1)(c) MGO</u>)
- All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for Sign Modifications (of height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)
- A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:
- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

September 3, 2024

City of Madison Planning Division 215 Martin Luther King, Jr. Blvd, Suite 017 Madison, WI 53701

Re: Letter of Intent – Aster Flats 8137 Mayo Drive, 8125 Grotto Lane, 8113 Grotto Lane Alteration to an Existing PD-SIP Land Use Application – UDC Review

This letter, together with plans, application and supplemental materials, constitutes our Application for Alteration of an Existing Planned Development for the Aster Flats Development in the Midtown Commons Neighborhood.

Project Location:

The project site is located at 8137 Mayo Drive, 8125 Grotto Lane, & 8113 Grotto Lane in the Midtown Commons Neighborhood. The site is 4.864 acres.

Project Team:

Owner/Developer: RPP Midtown, LLC Civil Engineer & Landscape Architect: Vierbicher & Associates Architect: HKM Architects and Planners, Inc

#### Project Description:

Situated on 4.86 acres, this Class A market-rate development consists of 261 apartments across three residential buildings. Each building is situated over 1-2 stories of heated underground parking and adjacent to dedicated surface parking areas providing a ratio of 1.49 spaces per unit across the development. The community provides 42 studio units (16.09%), 134 1-bedroom units (51.34%), 69 2-bedroom units (26.44%) and 16 3-bedroom units (6.13%).

#### Proposed Changes:

Alterations to the approved GDP primarily occur in Building B (8125 Grotto Lane). The commercial space in the building was relocated to the corner of Waldorf Blvd and Mid Town Rd from the previous location at Waldorf Blvd and Grotto Ln to maximize street exposure, commercial viability, and pedestrian level activation. This shift allows for increased ceiling heights in the commercial space and a southern exposure patio along Mid Town Rd. The amenity and pool deck for the building was relocated to maximize southern exposure and enjoyment for future residents. No material changes were made from the previously approved GDP.

#### Anticipated Schedule:

Construction of this project is scheduled for a fall of 2025 start with phased completions occurring for each building in spring, summer, and fall of 2027.

Sincerely, RPP Midtown, LLC

Alex Milanoski Direct: 419.345.4643 Email: <u>alex@ravineparkpartners.com</u>

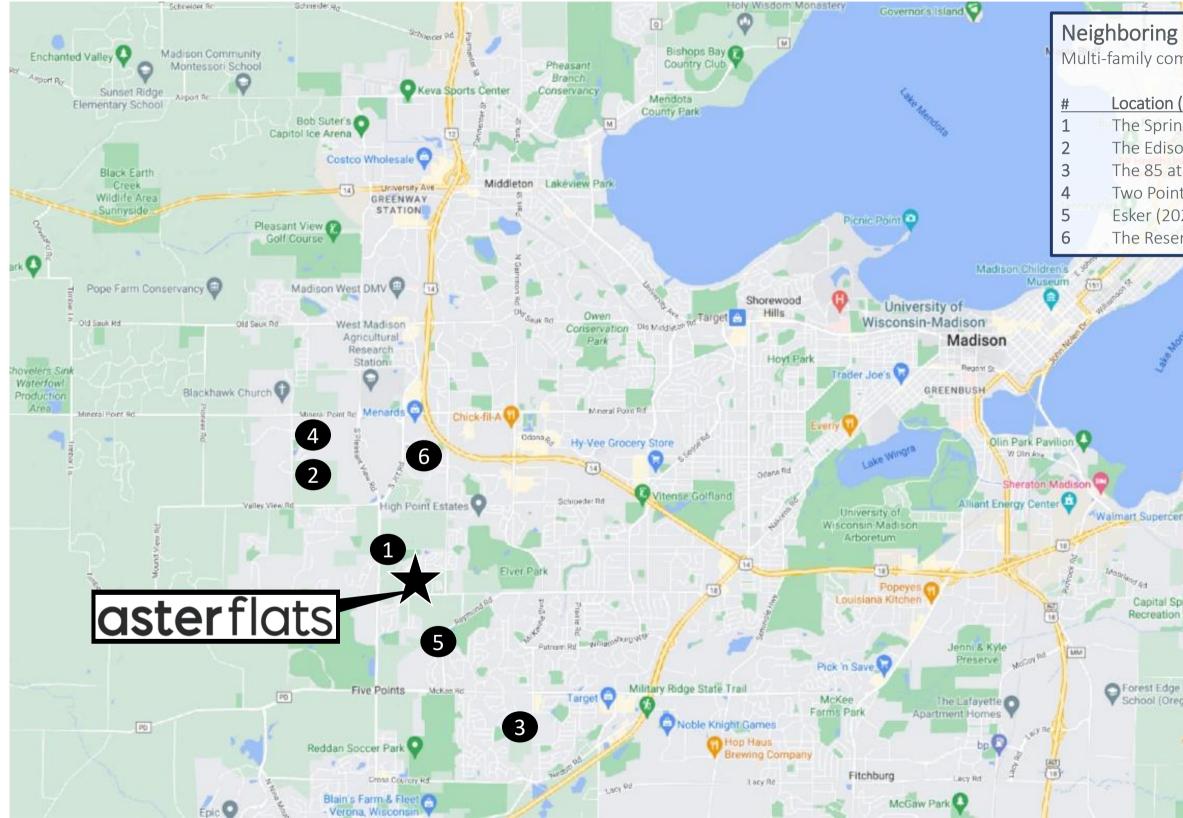




The best of all worlds. Surrounded by nature, recreational parks, and golf courses - life on the edge of Madison merges both the pastoral and urban. Aster Flats aims to set a new bar for apartment living. Elevated amenities, finishes and design - this is the next tier up for renters in the Madison area. Whether relaxing in the shady oasis beside the pool, or hanging with friends beside the clubhouse fireplace, residents will take part in an active community built for year-round enjoyment. We're designing for times of change. Madison's renowned universities and newly arriving tech companies are fueling local growth and culture. To serve the modern lifestyle, we've integrated coworking spaces, a state-of-the-art fitness center, and a clubhouse with a community kitchen and social center - all for an unparalleled indoor and outdoor experience.

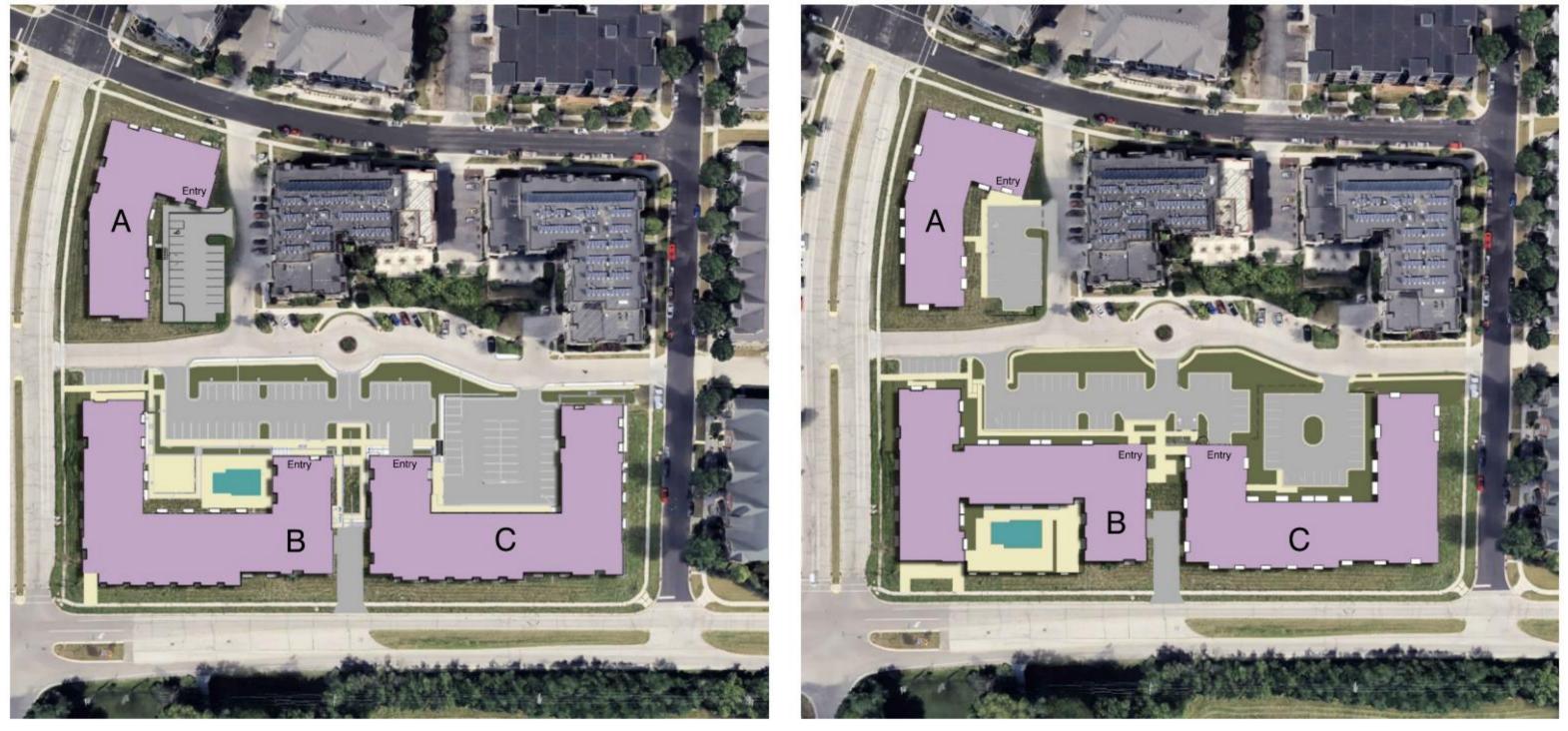
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Changes occur at Building B. The revised development plan shifts the commercial space location to the southwest corner of Building B and rotates the amenity deck to achieve southern exposure. These changes improve the resident experience and activate the street front to maximize commercial success at the corner of Waldorf Blvd and Mid Town Rd.

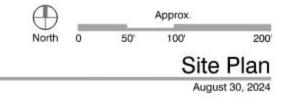


Approved

Proposed

Midtown Center
Architecture Planning Landscape Architecture





The revised development keeps the direct entry townhome units along Mid Town Rd, which is a unifying element between Buildings B & C. These changes also provide façade variation along the main road to prevent the development feeling monolithic in nature.

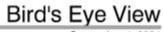


Approved

Proposed

Midtown Center
Architecture Planning Landscape Architecture ΗK





September 4, 2024

The commercial space is now a viable retail location for potential tenants with higher ceiling heights, a southern-exposure patio, and easy access to public transportation and bike lanes. Relocating the amenity deck along this façade aid in activating the street front with views to umbrellas, landscaped planters, and other outdoor amenities.



Approved

Proposed

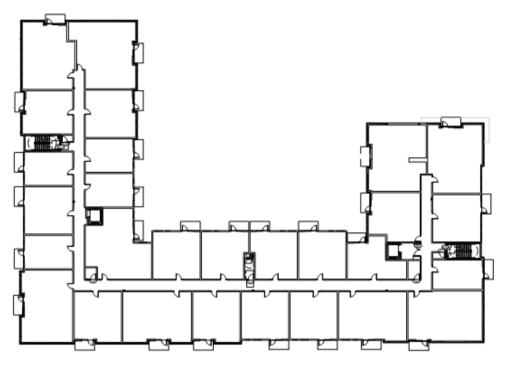
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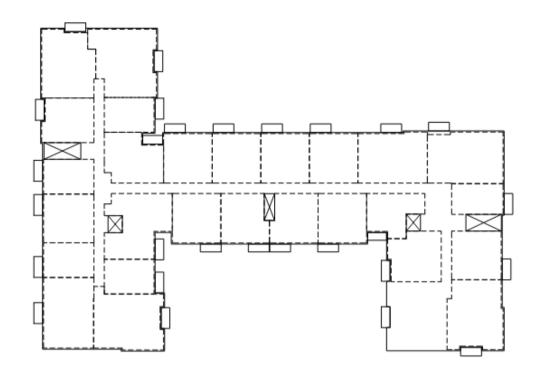


### **Building B Corner View**

September 4, 2024



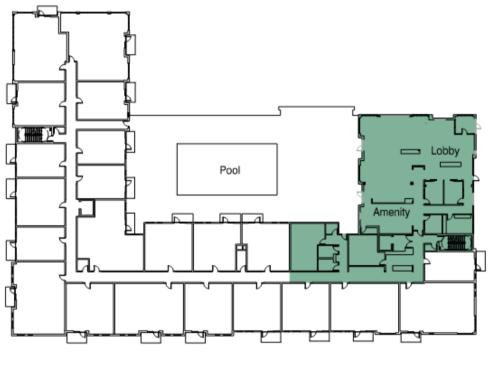




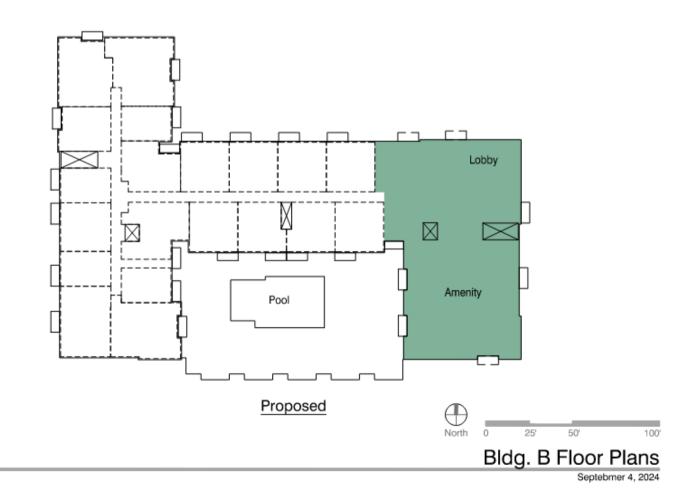
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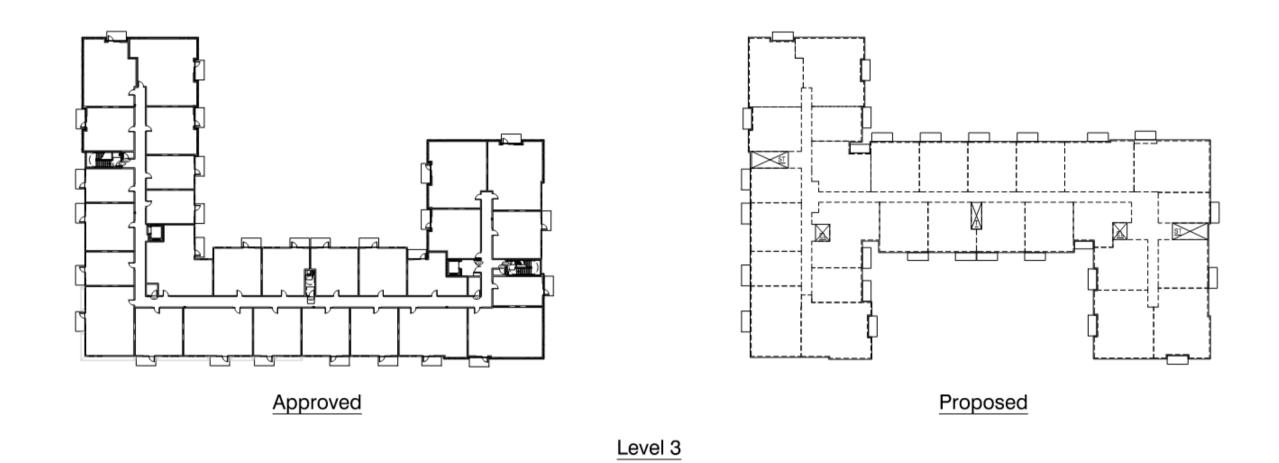


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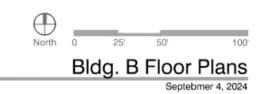


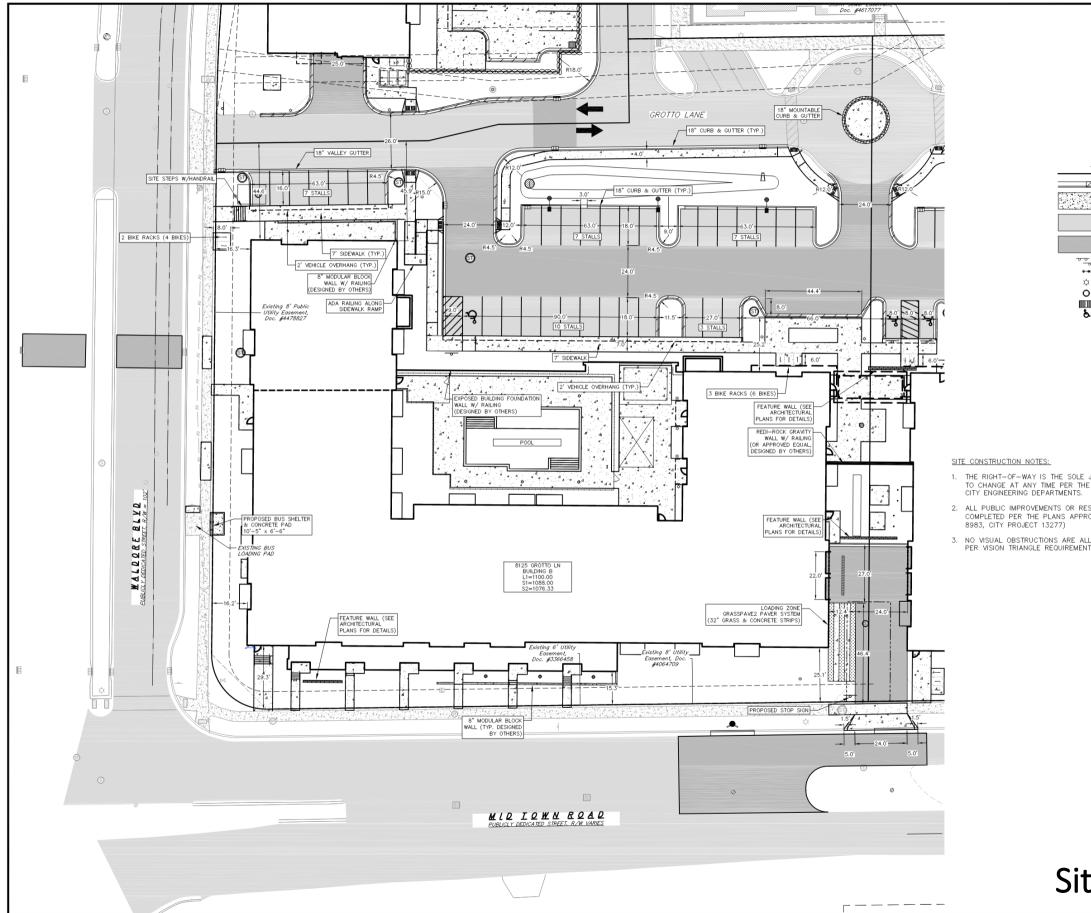
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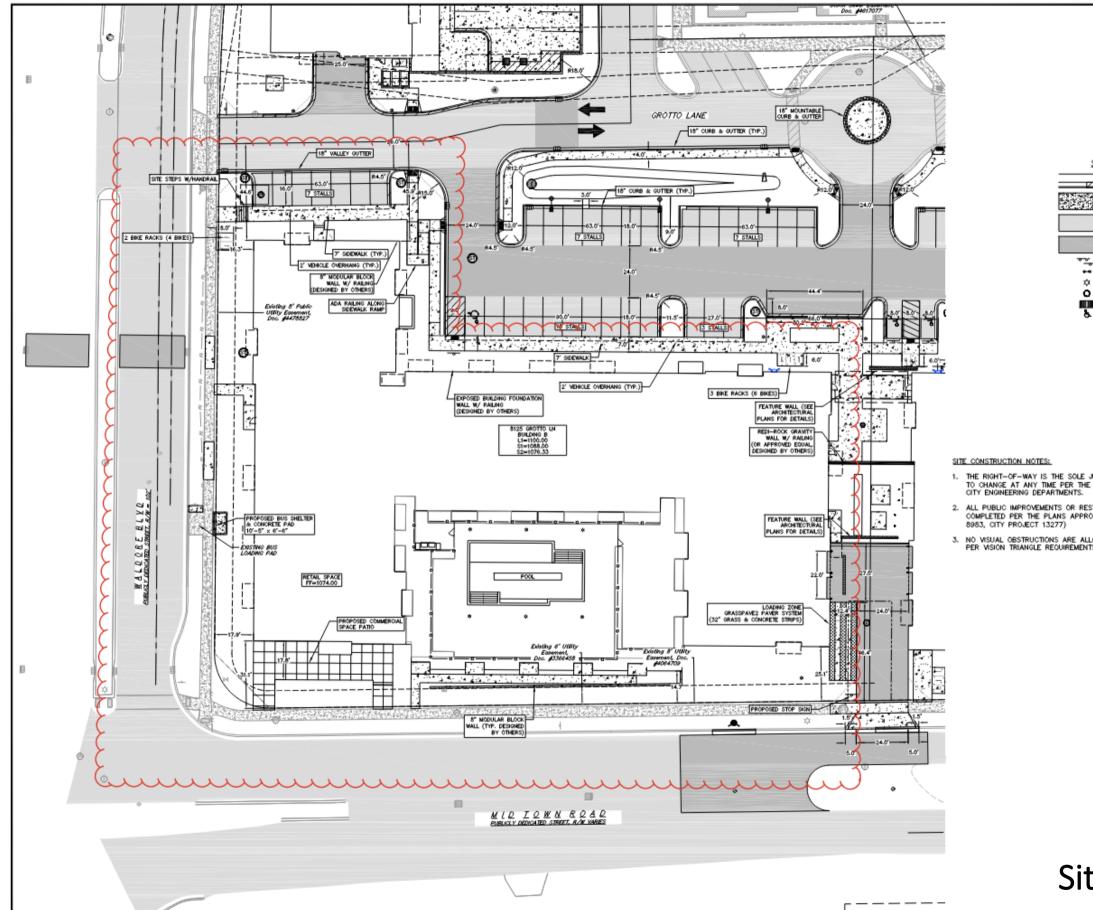
Midtown Center Architecture Planning Landscape Architecture



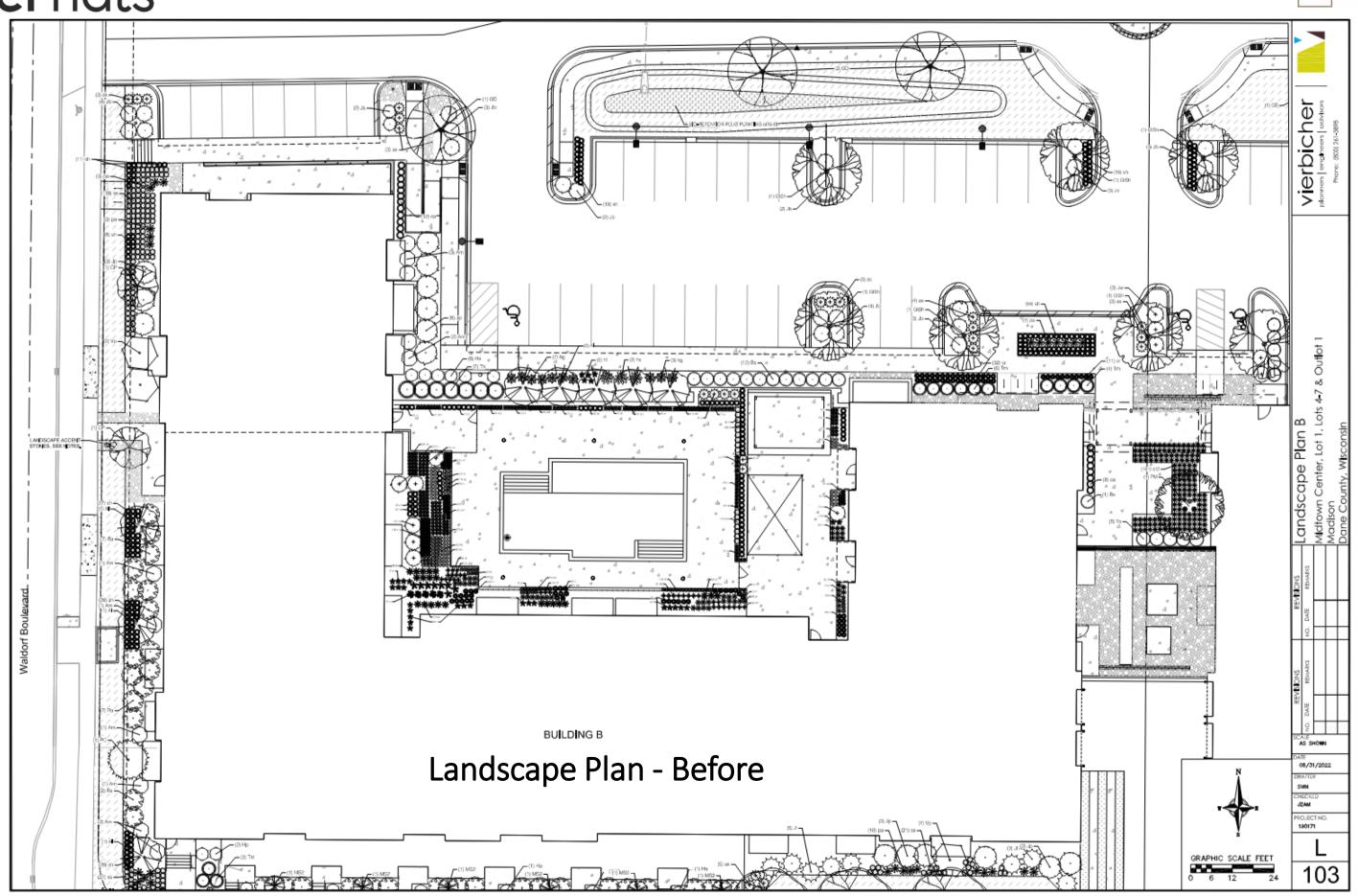


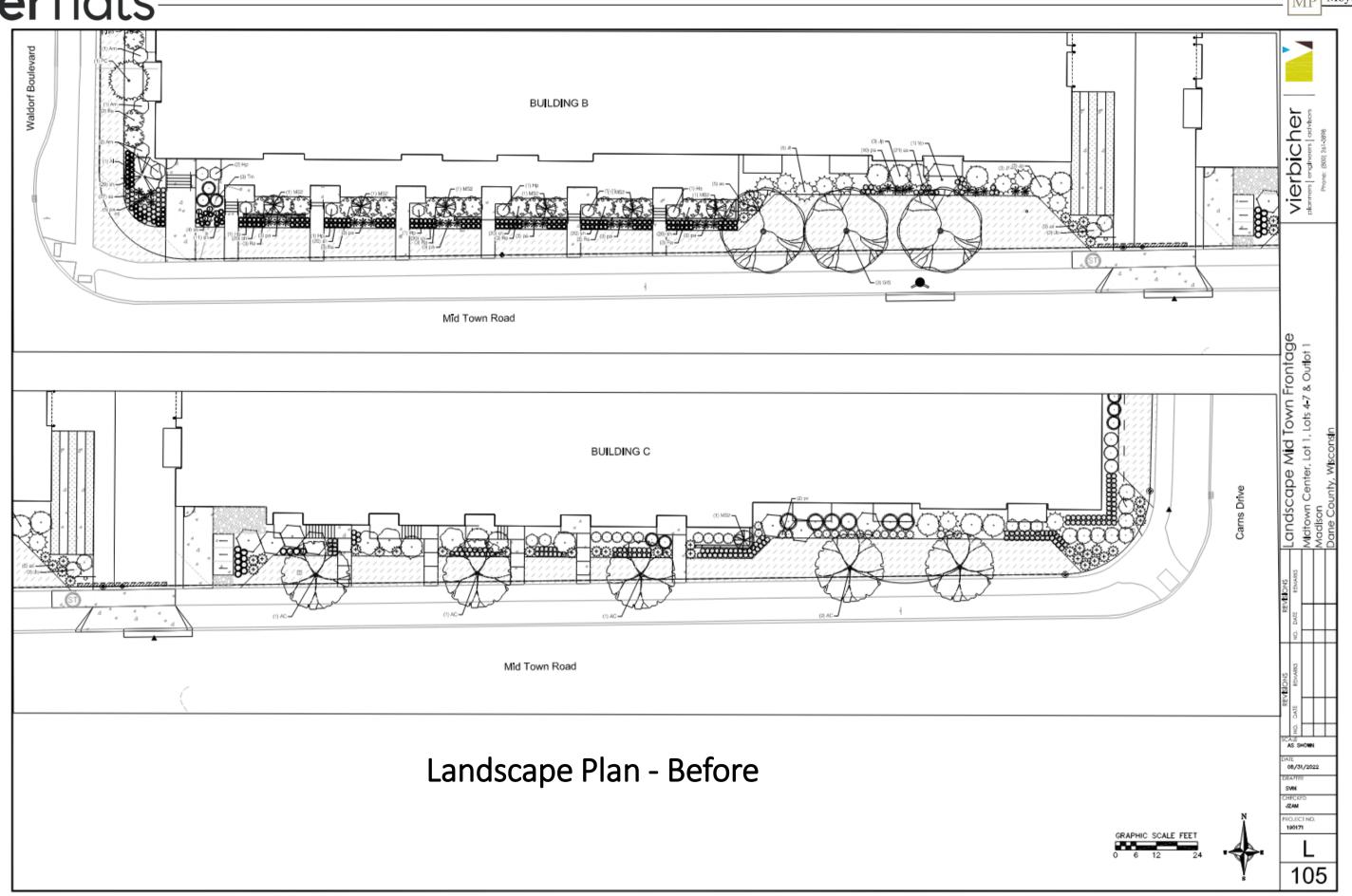
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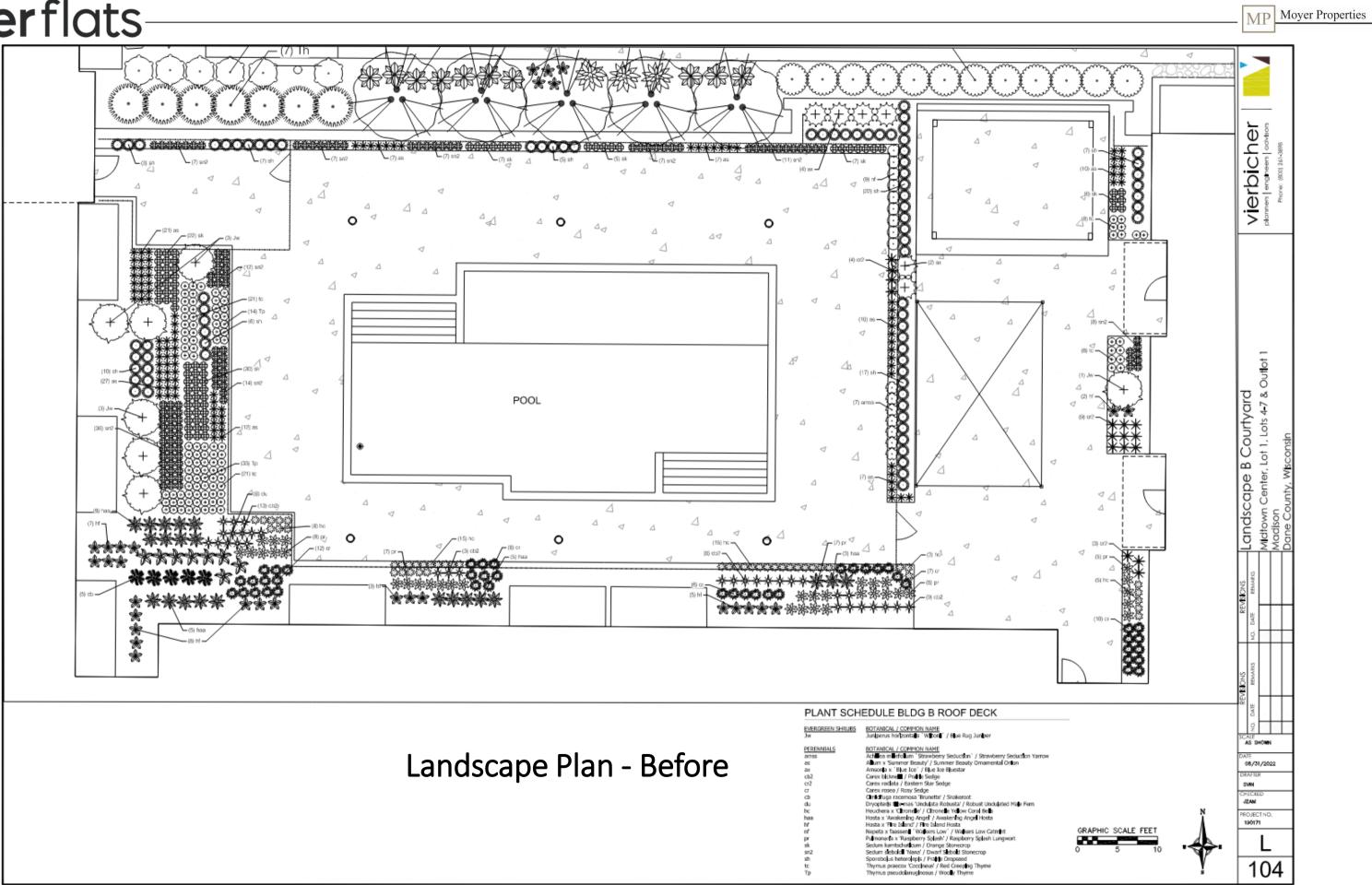
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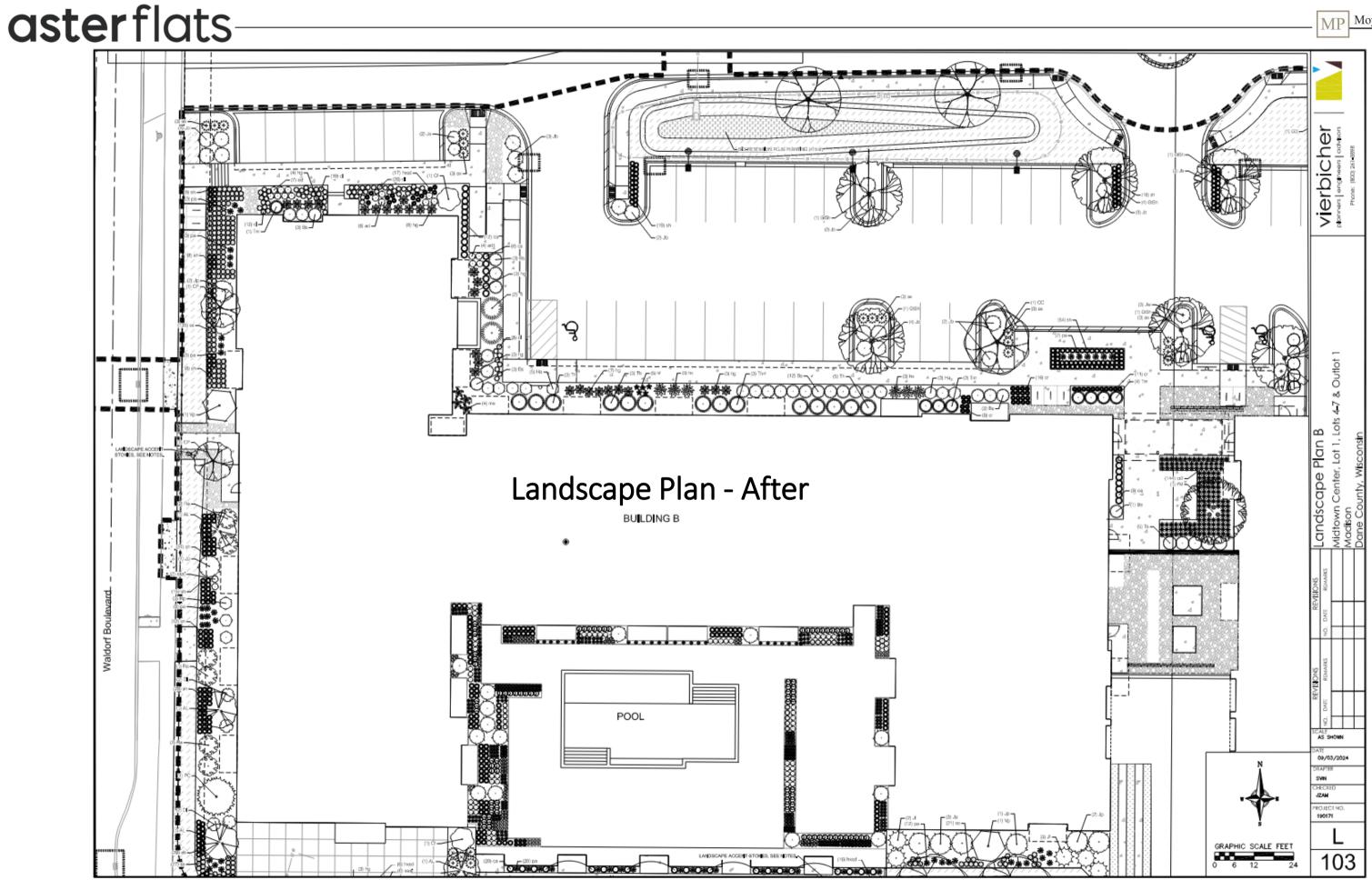
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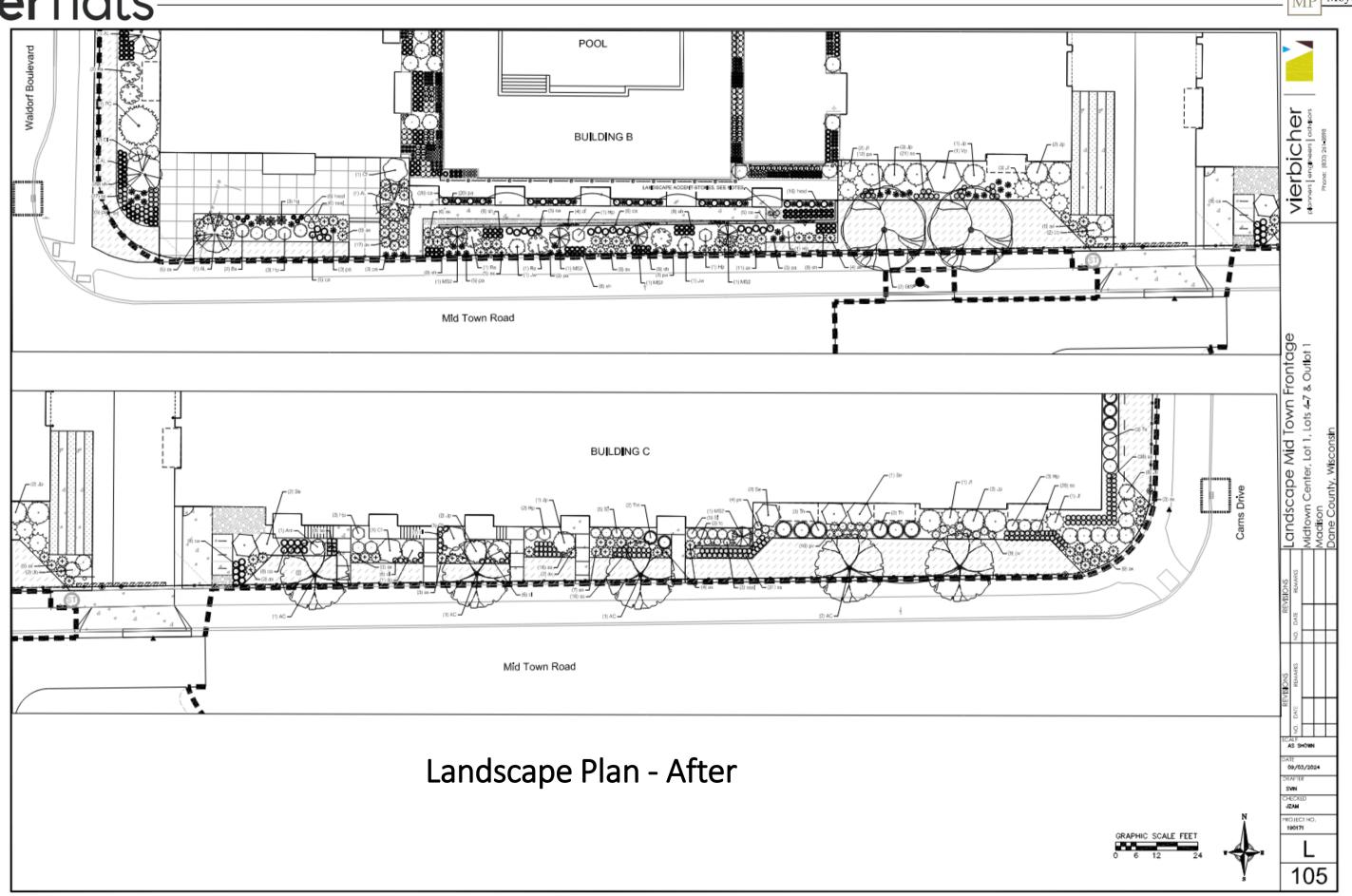


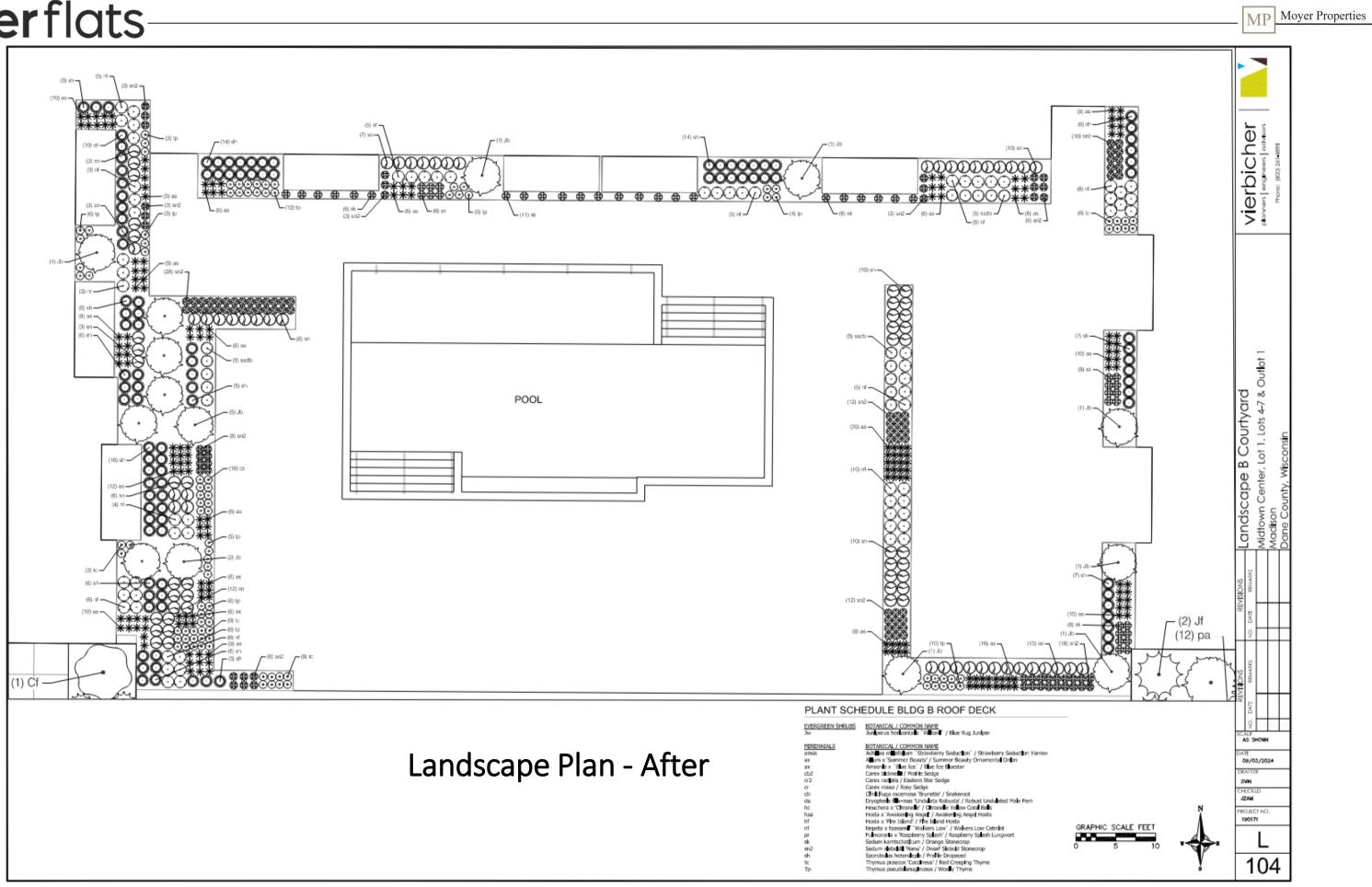


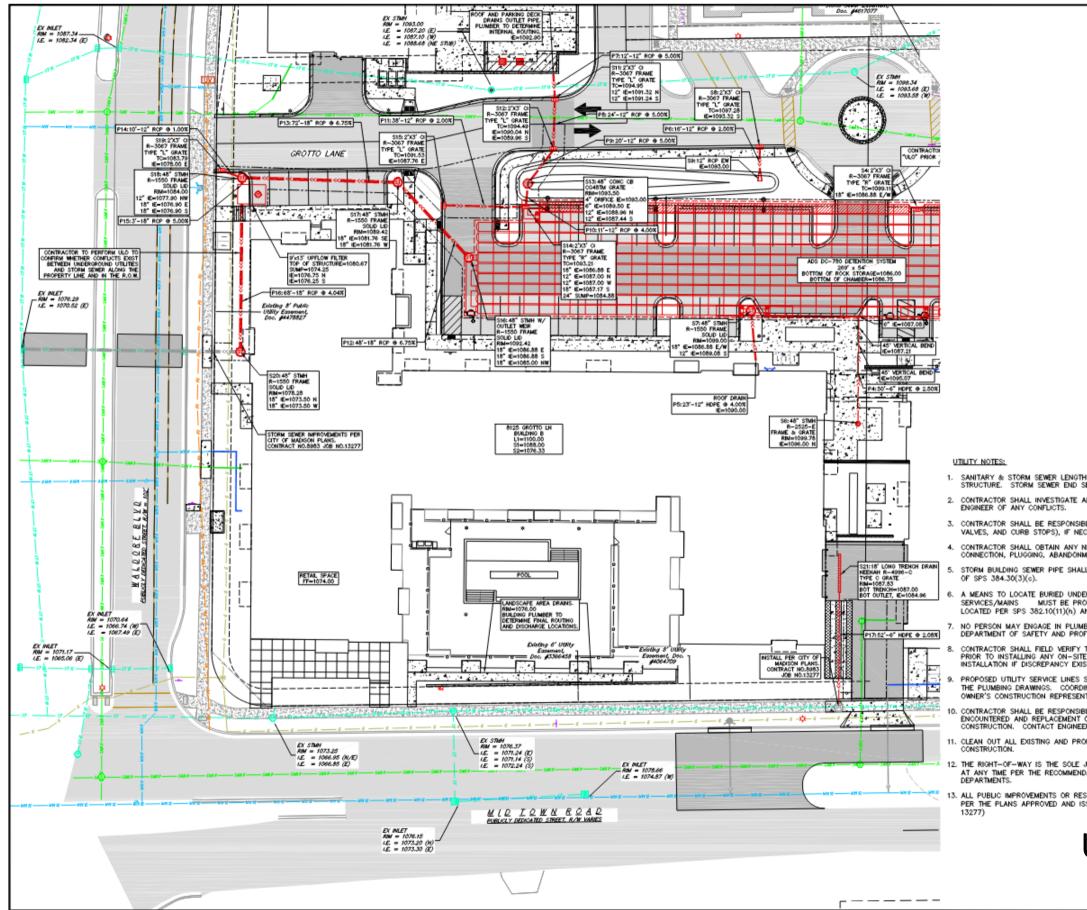


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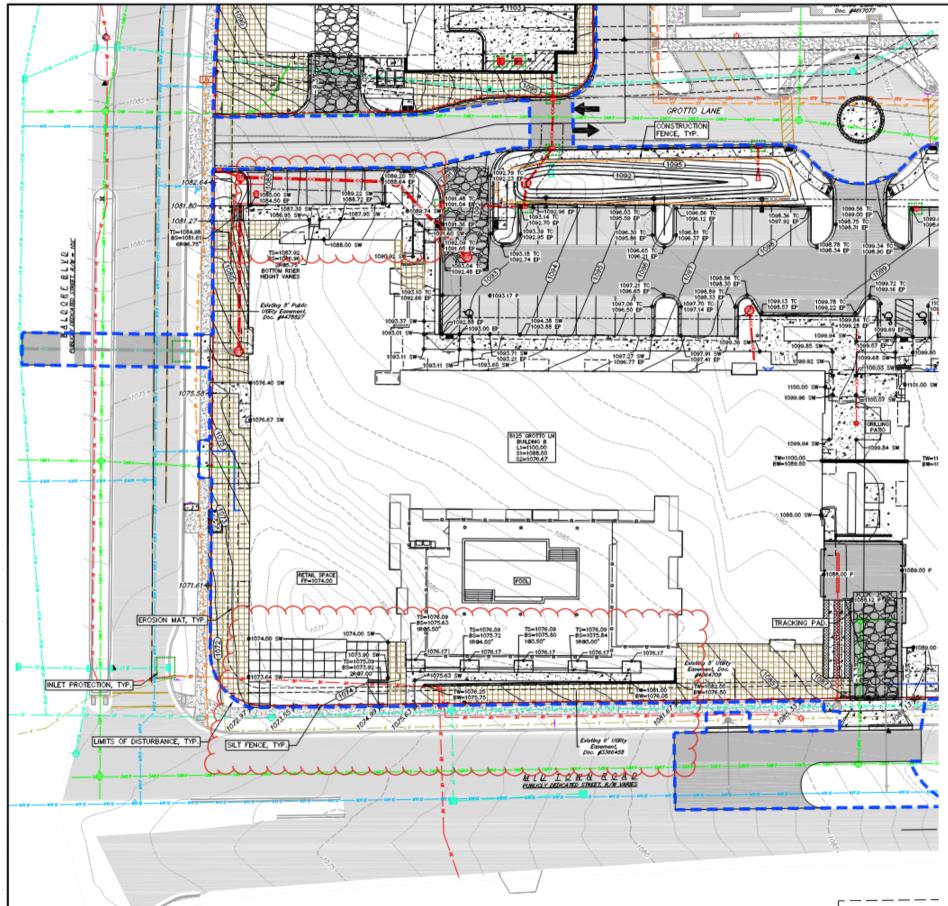








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	502



GRADING PLAN/SITE CONSTRUCT

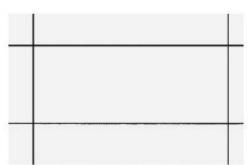
- CONCRETE SIDEWALK TO BE OR CRUSHED STONE.
- 2. ASPHALT PAVEMENT FOR DR
- CURB FACE HEIGHT IN PARK AT ALL GARAGE ENTRANCES
- 4. CONTRACTOR TO OBTAIN AN CONNECTION, RIGHT-OF-WAY
- THE RIGHT-OF-WAY IS THE TO CHANGE AT ANY TIME PE CITY ENGINEERING DEPARTME
- 6. ALL PUBLIC IMPROVEMENTS COMPLETED PER THE PLANS 8983, CITY PROJECT 13277)
- ANY SIDEWALK AND CURB & DAMAGED DURING CONSTRUCT THAT IT IS NOT AT A DESIRA PRIOR TO BEGINNING CONSTR
- ADA REQUIREMENTS SPECIFY DIRECTION, ADA WALKWAYS M WITHOUT A RAILING AND 8.33 WALKWAY MUST NOT EXCEED
- 9. TYPICAL SIDEWALK CROSS SE PLAN UNLESS OTHERWISE NO
- 10. THE GEOTECHNICAL REPORT PROBABLE PRESENCE OF BEI PREPARATION SECTION & AP EXCAVATION.
- 11. CONTRACTOR IS RESPONSIBL ANY BLASTING DEEMED NECT

	MP Moyer Properties
, N	
GRAPHIC SCALE FEET	
− EXISTING MAJOR CONTOURS     − EXISTING MINOR CONTOURS     − EXISTING MINOR CONTOURS     −	
1048.61 PROPOSED SPOT ELEVATIONS     VELOCITY CHECK     INLET PROTECTION     EROSION MAT CLASS II, TYPE C     TRACKING PAD	ilding B ots 4-7 & Outlot 1
ION NOTES: 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND RIVEWAYS AND PARKING LOTS SHALL BE AS INDICATED IN DETAIL. ING AREAS SHALL BE 6 INCHES. TAPER CURB FROM 6" TO 0" Y NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY Y AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION. SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT EN THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND ENTS.	Grading Plan – Building B Midtown Center, Lot 1, Lots 4-7 & Outlot Madison Dane County, Wisconsin
OR RESTORATION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE APPROVED AND ISSUED BY THE CITY ENGINEERING (CONTRACT CONTER ABUITING THE PROPERTY SHALL BE REPLACED IF IT IS THON OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES ABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED RUCTION.	DATE REMARKS
PARKING STALLS SLOPE MUST BE LESS THAN 2% IN ANY MUST NOT EXCEED 5% SLOPE IN LONGITUDINAL DIRECTION % WITH A RAILING, THE CROSS SECTION SLOPE OF AN ADA 0.1.5% SLOPE. ECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS OTED. PREPARED BY CGC INC. DATED JULY 1, 2020 INDICATED THE DROCK, THE CONTRACTOR SHALL REFER TO THE SITE PPENDIX E FOR MORE INFORMATION REGARDING ROCK	DATE REMARKS NO. D
ट र र	2
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Moyer Properties



Fiber Cement Flat Panel Siding



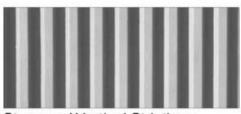
Utility Brick



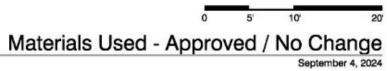
Stucco Accent



Stucco



Stucco w/ Vertical Striations

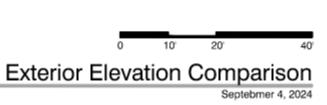






Midtown Center Architecture Planning Landscape Architecture

MP Mo	loyer Properties
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LEVEL 2

SUBLEVEL 1

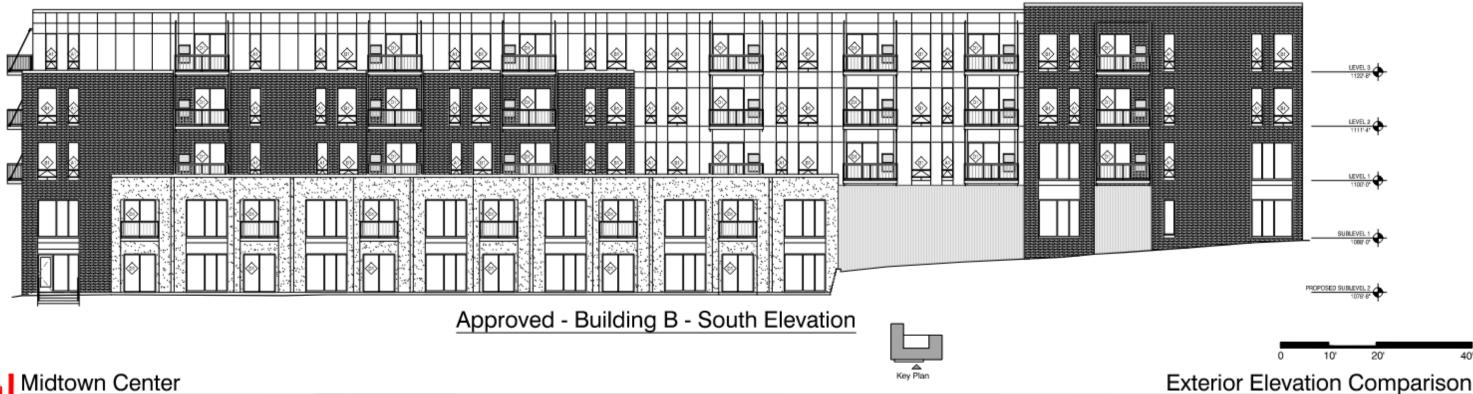
1122-8" (PROPOSED)

Key Plan



Proposed - Building B - South Elevation



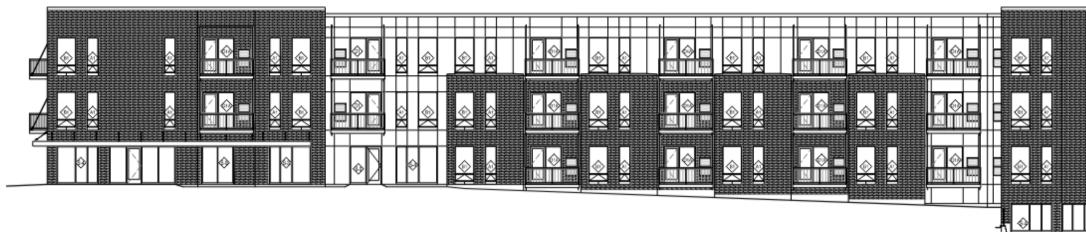


Midtown Center Architecture Planning Landscape Architecture

Septebmer 4, 2024

Midtown Center

Architecture Planning Landscape Architecture





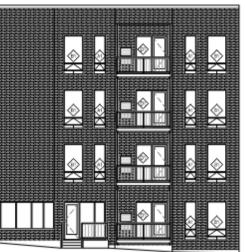
Proposed - Building B - North Elevation



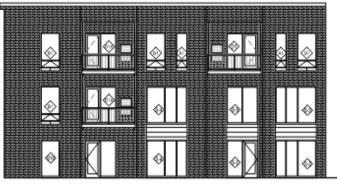
Approved - Building B - North Elevation

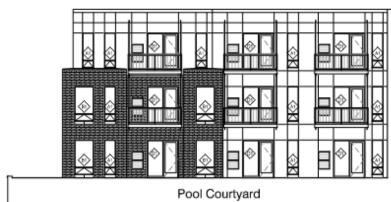


Key Plan









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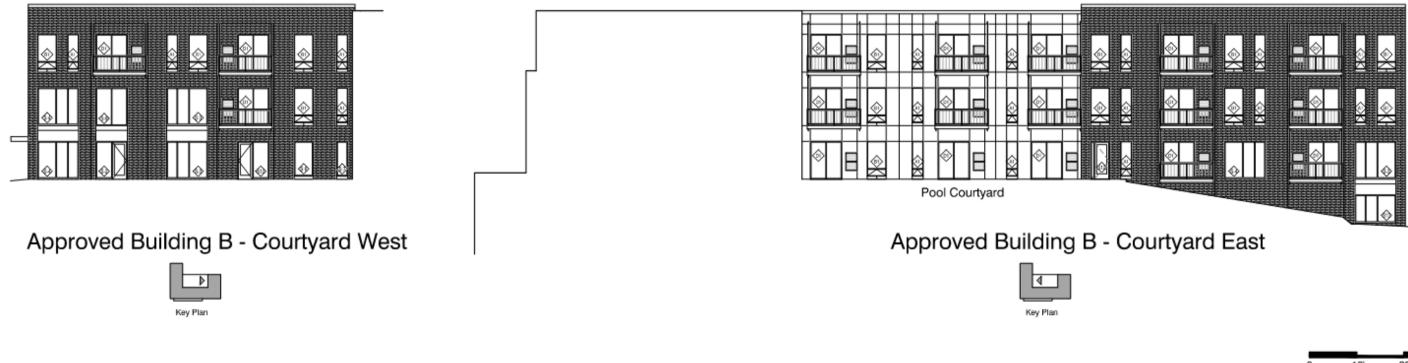
### Proposed Building B - Courtyard West



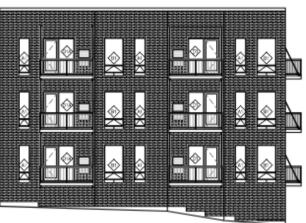
Proposed Building B - Courtyard East



Key Plan







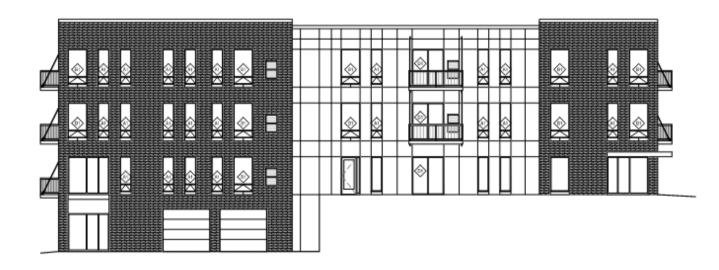
Moyer Properties

10 20 **Exterior Elevation Comparison** Septebmer 4, 2024



### Proposed - Building B - East Elevation

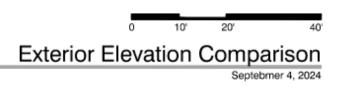




Approved - Building B - East Elevation



 MP	Moyer Properties











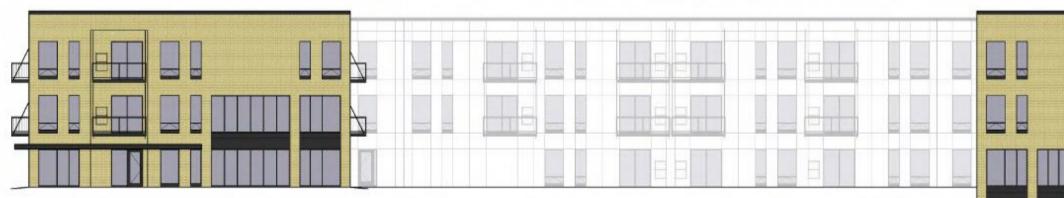


Key Plan



Proposed - Building B - North Elevation





Approved - Building B - North Elevation



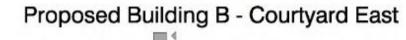
Architecture Planning Landscape Architecture



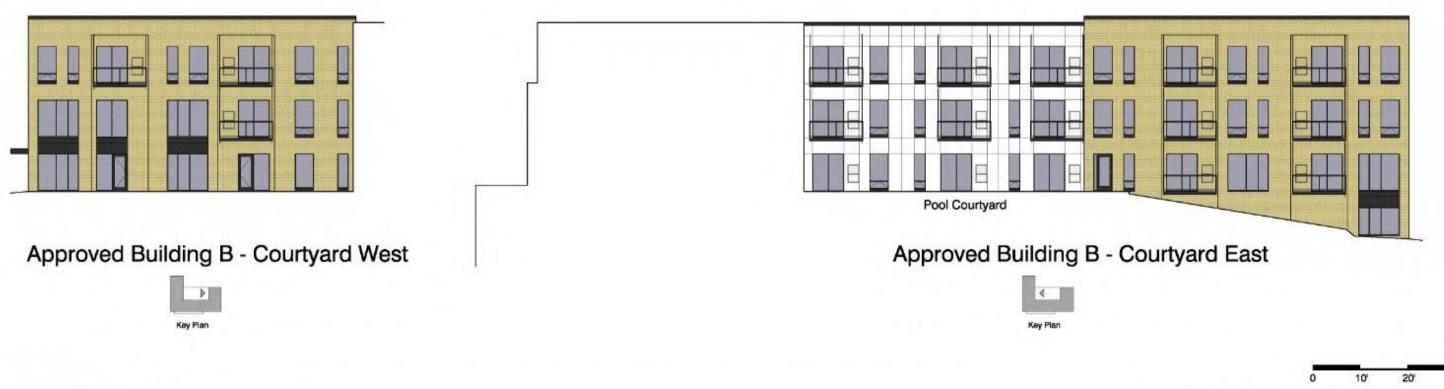


### Proposed Building B - Courtyard West



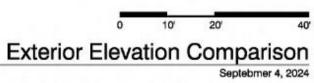






Midtown Center Architecture Planning Landscape Architecture







Proposed - Building B - East Elevation

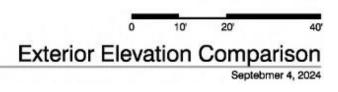


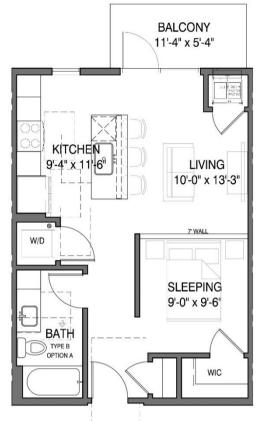


Approved - Building B - East Elevation

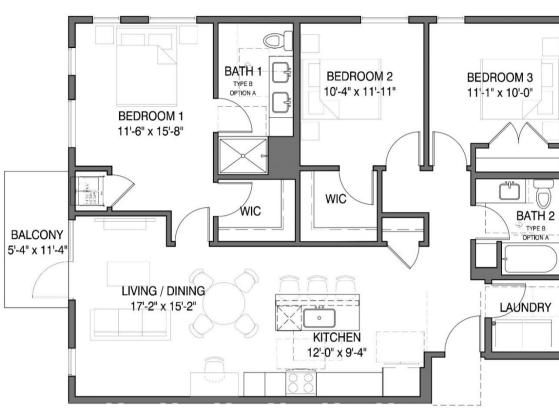


 MP	Moyer Properties
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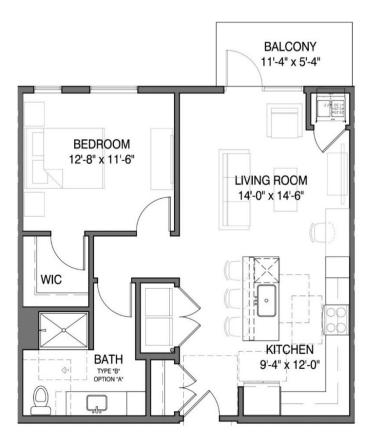




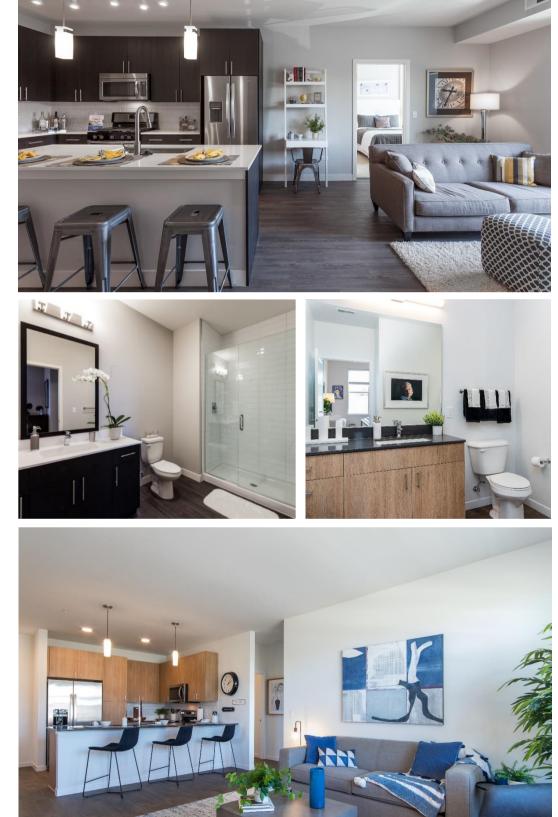
Studio | 1 Bath

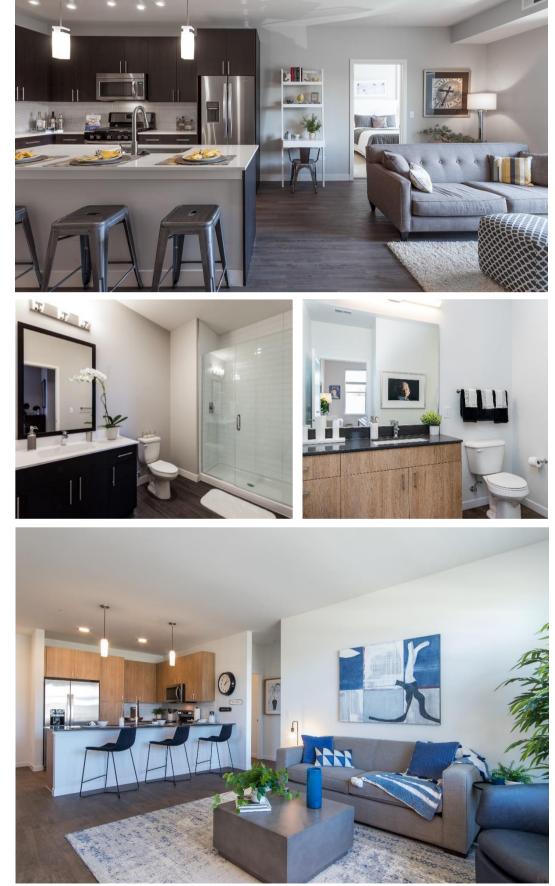


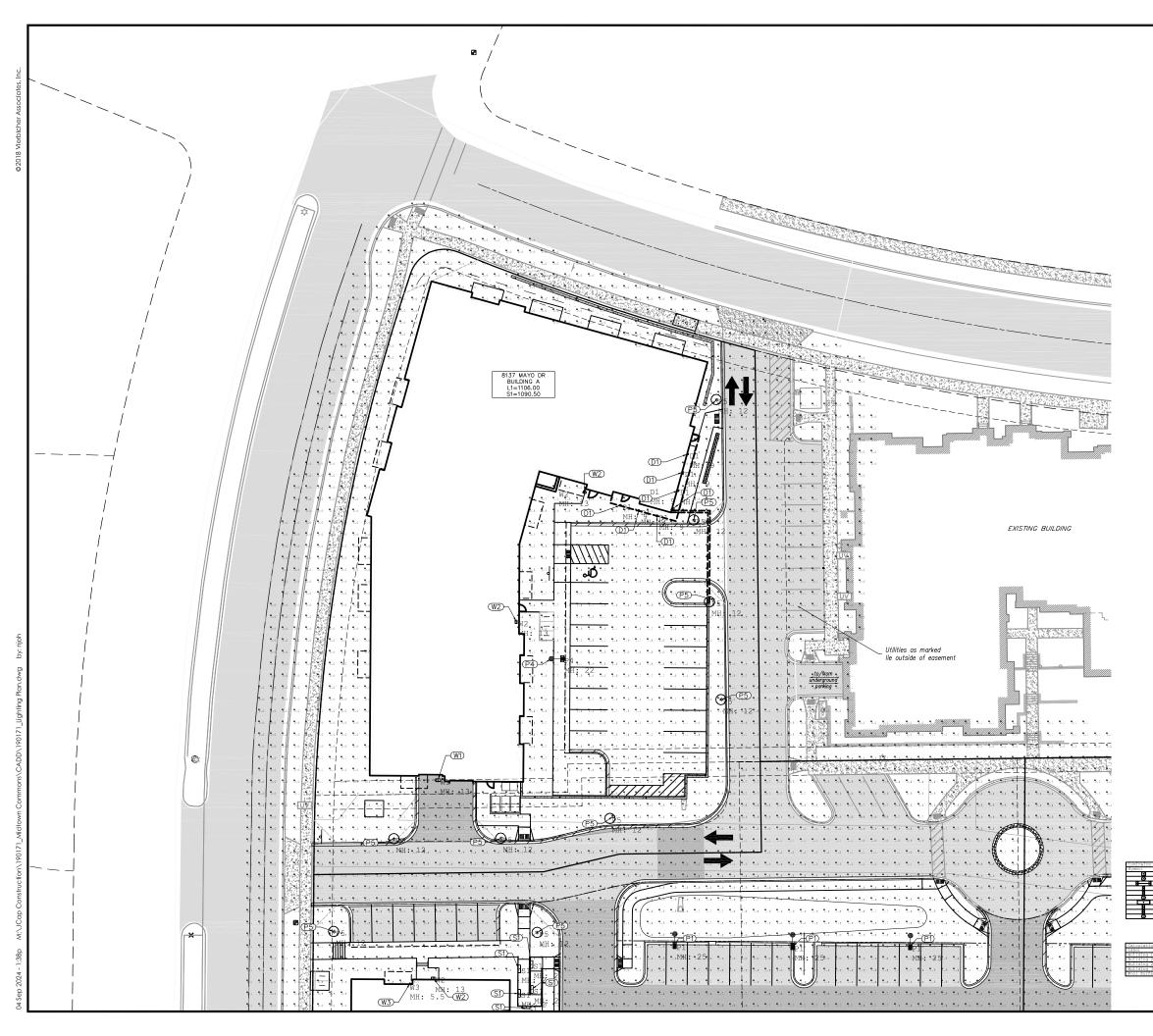
3 Bed | 2 Bath



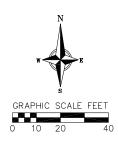






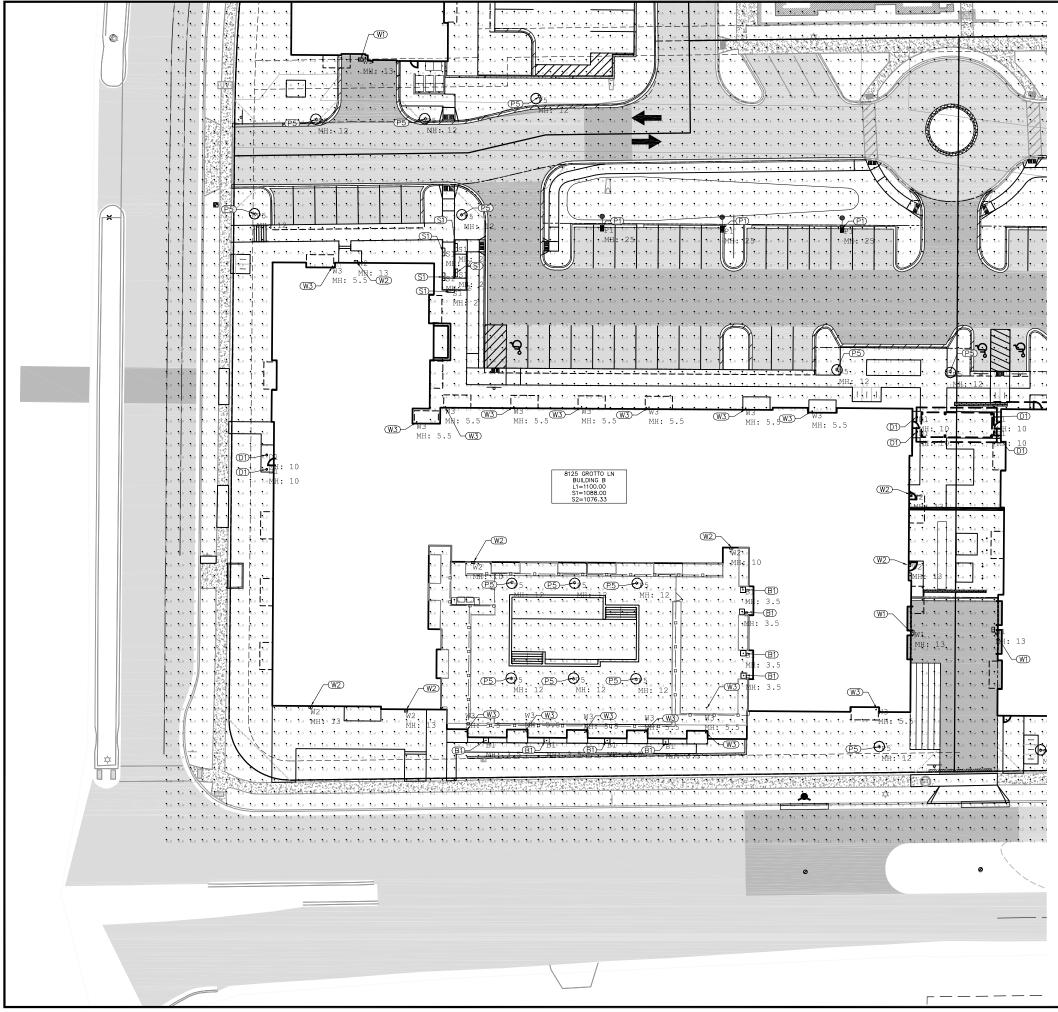


	- - -		planners   engineers   advisors	Phone: (800) 261-3898	
	inhtinn Plan - Ruildinn A		Aidtown Center, Lot 1, Lots 4-7 & Outlot 1	Aadison	Dane County, Wisconsin
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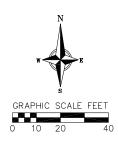


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	Qty	Tag	Label	Description	Lum. Watts	Lun. Lumens	LLF	L
	8	B1	CBM1701C-FGF-T5-P10-3K	CBM1701C-FGF-T5-P10-3K	18	745	0.900	L
,	13	D1	WF4 LED 27K30K35K 90CRI 3000	WF4 LED 27K30K35K 90CRI 3000K	10.12	831	0.900	H
-	1	P1-2	(2) RSX1_LED_F3_30K_R5	(2) RSX1 LED F3 30K R5	109.44	13101	0.900	1
	5	P1	R\$X1_LED_P3_30K_R5	R\$X1 LED P3 30K R5	109.44	13101	0.900	L
	1	P4	RSX1 LED P3 30K R4	RSX1 LED F3 30K R4	109.44	12930	0.900	L
	21	PS	CLE17T4D-FGC-T5-P30-30K (\$210	CLE17T4D-FGC-T5-P30-30K	43.8	4432	0.900	L
	5	51	FCSL2040 UNV 3K CRI85 5L FINISH	STEPLIGHT	3.631	466	0.900	Þ
	4	W1	NDGE2 LED P4 30K SOCRI VF	WDGE2 LED P4 30K 80CRI VF	34.96	4248	0.900	19
	11	W2	WDGE1 LED P2 30K 80CRI VF	WDGE1 LED P2 30K 80CRI VF	15.0178	1873	0.900	L
	21	M 3	EC19404-BK - Lamar	EC19404-BK	18.3	1132	0.900	

ion Summary							
	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
1 Parking	Illuminance	Fc	2.09	5.1	1.0	2.09	5.10
1 2 & 3 Shared Parking	Illuminance	Fc	1.32	3.4	0.4	3.30	8.50
2 North Parking	Illuminance	Fc	1.25	2.8	0.6	2.08	4.67
3 Parking	Illuminance	Fc	1.85	3.2	0.6	3.08	5.33
face	Illuminance	Fe	3.74	4.5	2.8	1.34	1.61

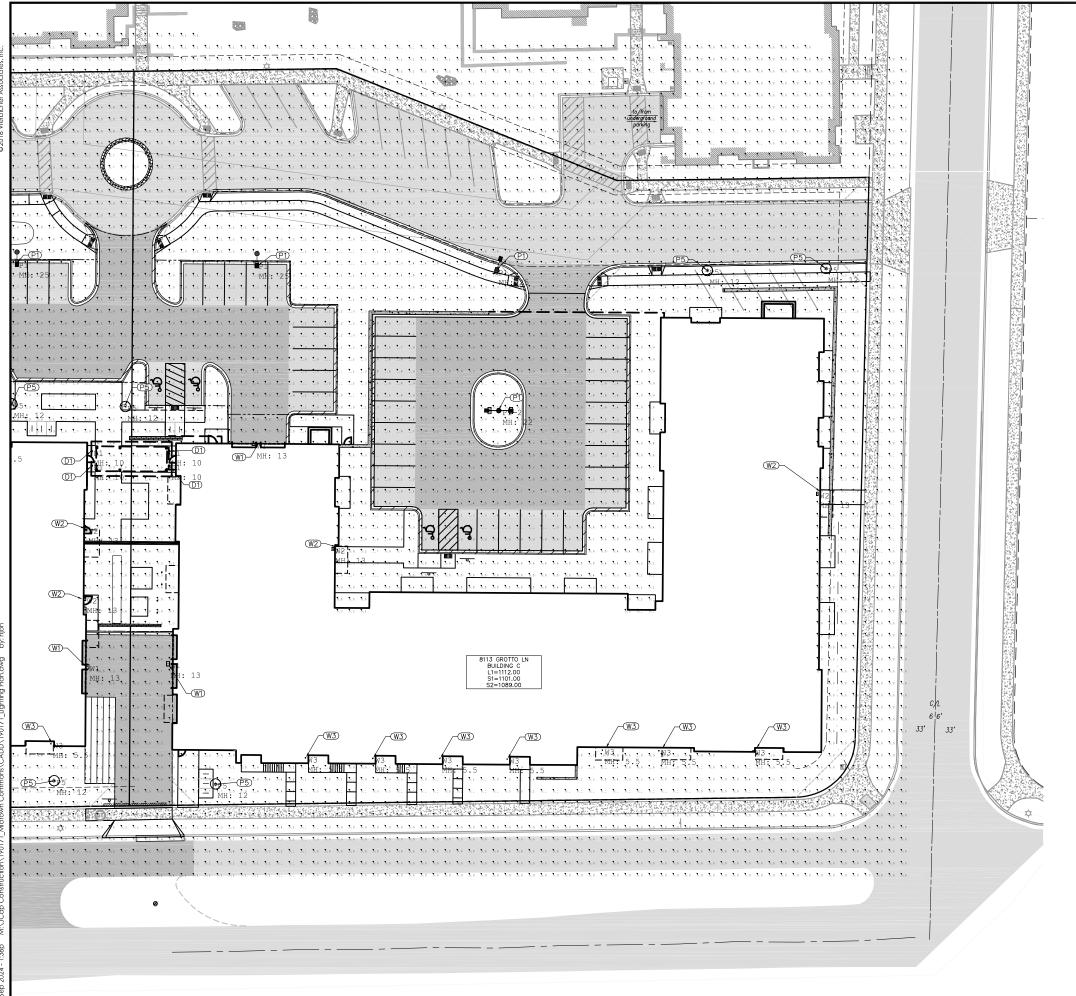


	- - -		planners   engineers   advisors	Phone: (800) 261-3898	
	inhtinn Plan - Ruildinn R		Midtown Center, Lot 1, Lots 4-7 & Outlot 1	<i>dadison</i>	Dane County, Wisconsin
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	S REVISIONS	NO. DATE REMARKS			
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Symbol	Qty	Tag	Label	Description	Lum. Watts	Lum. Lumens	LLF
•	8	B1	CBM1701C-FGF-T5-P10-3K	CBM1701C-FGF-T5-P10-3K	18	745	0.900
0	13	D1	WF4 LED 27K30K35K 90CRI 3000	WF4 LED 27K30K35K 90CRI 3000K	10.12	831	0.900
	1	P1=2	(2) RSX1_LED_F3_30K_R5	(2) RSX1 LED P3 30K R5	109.44	13101	0.900
	5	P1	R\$X1 LED P3 30K R5	R\$X1 LED P3 30K R5	109.44	13101	0.900
8	1	P4	RSX1 LED P3 30K R4	RSX1 LED P3 30K R4	109.44	12930	0.900
0	21	PS	CLE17T4D-FGC-T5-P3D-30K (\$210	CLE17T4D-FGC-T5-P30-30K	43.8	4432	0.900
•	5	S1	FCSL2040 UNV 3K CRI85 5L FINISH	STEPLIGHT	3.631	466	0.900
8	4	W1	NDGE2_LED_P4_30K_80CRI_VF	WDGE2 LED P4 30K 80CRI VF	34.96	4248	0.900
8	11	W2	WDGE1 LED P2 30K 80CRI VF	WDGE1 LED P2 30K 80CRI VF	15.0178	1873	0.900
	21	W3	EC19404-BK - Lamar	EC19404-BK	18.3	1132	0.900

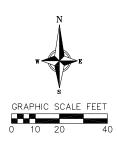
Calculation Summary							_
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Mir
Building 1 Parking	Illuminance	Fc	2.09	5.1	1.0	2.09	5.10
Building 2 & 3 Shared Parking	Illuminance	Fc	1.32	3.4	0.4	3.30	8.50
Building 2 North Parking	Illuminance	Fc	1.25	2.8	0.6	2.08	4.67
Building 3 Parking	Illuminance	Fc	1.85	3.2	0.6	3.08	5.33
Pool Surface	Illuminance	Fc	3.74	4.5	2.8	1.34	1.61



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Luminaire Symbol

- - -		planners engineers advisors	Phone: (800) 261-3808	
inhting Plan - Ruilding C		Midtown Center, Lot 1, Lots 4-7 & Outlot 1	Madison	Dane County, Wisconsin
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	Qty	Tag	Label	Description	Lum. Watts	Lun. Lumens	LLF	L
	8	B1	CBM1701C-FGF-T5-P10-3K	CBM1701C-FGF-T5-P10-3K	18	745	0.900	L
	13	D1	WF4 LED 27K30K35K 90CRI 3000	WF4 LED 27K30K35K 90CRI 3000K	10.12	831	0.900	ь
-	1	P1=2	(2) RSX1_LED_F3_30K_R5	(2) RSX1 LED P3 30K R5	109.44	13101	0.900	1
	5	P1	R\$X1 LED P3 30K R5	R\$X1 LED P3 30K R5	109.44	13101	0.900	L
	1	P4	RSX1 LED P3 30K R4	RSX1 LED P3 30K R4	109.44	12930	0.900	L
	21	P5	CLE17T4D-FGC-T5-P30-30K (\$210	CLE17T4D-FGC-T5-P30-30K	43.8	4432	0.900	L
	5	\$1	FCSL2040 UNV 3K CRI85 5L FINISH	STEPLIGHT	3.631	466	0.900	Þ
	4	W1	NDGE2 LED P4 30K SOCRI_VF	WDGE2 LED P4 30K 80CRI VF	34.96	4248	0.900	19
	11	W2	WDGE1 LED P2 30K 80CRI VF	WDGE1 LED P2 30K 80CRI VF	15.0178	1873	0.900	L

Calculation Summary							_
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Mir
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Building 3 Parking	Illuminance	Fc	1.85	3.2	0.6	3.08	5.33
Pool Surface	Illuminance	Fe	3.74	4.5	2.8	1.34	1.61



Date: Sep 6, 2024

Enterprise Lighting, LTD. 2007 Pewaukee Rd. Waukesha WI 53188 Phone: (262) 953-2700 Fax: (262) 953-2710

Job Name Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1 ELL24-132112 Madison WI

> Bid Date Aug 20, 2024

Submittal Date Sep 5, 2024

Date: Sep	6, 2024			Transmittal	Page 1/1
		e Lighting Ltd		Transmittal Enterprise Lighting, LTD. 2007 Pewaukee Rd. Waukesha WI 53188 Phone: (262) 953-2700 From: Bonnie Bartlein	
Project Quote# Location	Midtown Outlot 1 ELL24-132 Madison Contact:	112	A - Lot 1, Lots 4-7 &	From: Bonnie Bartiein	
ATTACHE		□ S □ Ir	1 COPY OF THE FOL pecifications Iformation ubmittals	LOWING ITEM: Other:	
☐ Prior A ⊠ Appro ☐ Appro	Approval	omitted	esubmittal for Approva orrections our Use eview and Comment	al 🔲 Record Bids due on: Other:	
Ту	ре	MFG	Part		
	B1	Cyclone Lighting Inc.	CBM1701C FGF T5 P10 10KV STD SM	) 30K MVOLT	
	D1	Juno Lighting Group	WF4 SWW5 90CRI MW PAN	M6 / WF8643	
	P1	Lithonia Exterior	RSX1 LED P3 30K R5 N FINISH	IVOLT SPA STD	
	P1	Lithonia Exterior Item Note: A durab pole is p	SSS 25 4G DM28AS DE e ABS plastic two-piece full ba	DBXD ase cover, finished to match the	
	P1-S	Lithonia Exterior	RSX1 LED P3 30K R5 N FINISH	IVOLT SPA STD	
	P1-S	Lithonia Exterior Item Note: A durab pole is p	SSS 25 4G DM19AS DE e ABS plastic two-piece full ba	DBXD ase cover, finished to match the	
	P4	Lithonia Exterior	RSX1 LED P3 30K R4 N FINISH	IVOLT SPA STD	
	P4	Lithonia Exterior Item Note: A durab pole is p		DBXD ase cover, finished to match the	
	P5	Cyclone Lighting Inc.	CLE17T4D FGC T5 P30 10KV STD SM	) 30K MVOLT	
	P5	Cyclone Lighting Inc.		3M11	
	S1	FC Lighting	FCSL2040-UNV-3K-CR		
	W1	Lithonia Exterior	WDGE2 LED P4 30K 80 SRM STD FINISH	OCRI VF MVOLT	
	W2	Lithonia Exterior	WDGE1 LED P2 30K 80 SRM STD FINISH	OCRI VW MVOLT	

Cyclone 🦻	e		CBM1701C Clio Bollaro Approval – Specification				
Project:		~	Order:				
Qty: Luminair	re:		Туре:				
<u>8 3/4"</u> (22 cm)		cast A356 aluminum arms are mechanically sec ule. The head module is closed by a mechanical					
		5" (13cm) Ø, made of 6061-T6 aluminum alloy. al type Allen screws. The assembly is mechanica crews.	-				
	Bolt circle	Recommended installation at 3 1/2" (9cm) Ø. Av	vailable from 3 1/4" to 3 1/2" (8cm to 9cm) Ø.				
F		Its: Supplied by Cyclone: 3/8" (1cm) Ø x 12" (30 ers for levelling.	.5cm) (9+3), 4 galvanized anchor bolts, 8 nuts				
45° (114 cm)	increasing assembled extrapolate flux (L70). designed to optical lens	dule: The molded A356 aluminum heat sink is d heir longevity and efficiency. The high efficiency on the heat sink. The lifetime of the LEDs is 100 d with TM-21. This data is calculated when 50% The minimum color rendering index (CRI) is 70. T illuminate only where needed while achieving es are cured directly on the LED board. A tempe uminum frame. The light distribution types availal	Copernic LED optical engine is mechanically ,000 hours. It is based on the LM-80 test and of the LEDs produce 70% of their initial luminou The optical lenses are made of acrylic and xcellent uniformity with maximum spacing. The red Frosted flat glass lense (FGF) flat is attached				
Anchor Plate	high-power output of 0 or 20 kV/10	ss 2 (P10 to P40). Primary tension is of 120 to 4 factor of 90%. Operating temperature is -40°F 10 Volts and is ROHS compliant. Assembled wi kA tripolar surge protection for live-MALT, live-r C62.41 2002 C.	(-40°C) to 113°F (45°C). The regulator offers a ith pull-out connectors. Complete with 10kV/5k				
270° (U) 90° 0° Bolt Circle 3 1/2" (9cm)	connection	rdware: Type TEWT 14-7 AWG, 12» (30.5cm) n s between the modules are provided with quick-d essible hardware is made of 304 stainless steel.	lisconnect connectors for easy maintenance. All				
	coating is a The finish r	cyclone colors are available in textured (TX) or supplied and meets the AAMA 2604 requirements neets the ASTM G7, B117, D1654 and D2247 re Cyclone recommends a textured finish for th	(5 years exposure to all weather conditions). quirements relative to salt spray and humidity				
		5- 5-year limited warranty. Complete warranty terms cyclonelighting.com/assets/Legal/Cyclone-Sales-					
Stamp/Approval:		Name:	Page 1 of				
Name:	Date:	Date:					

Project: Qty: Ordering Code		LONE					Aŗ	prov	al – Sp <sup>Order</sup> Type	
Model		Lens	Distributi	on	Performance pa	ckage	ССТ		Volts	Surge protect
CBM1701C Clio bolla	ard I	FGF Flat Glass Froste	d T3 Type 3 T5 Type 5		P10         (900lm)           P20         (1600lm)           P30         (1900lm)           P40         (2200lm)		30K 3000K 40K 4000K		120-277VAC 347-480VAC	10KV 10kV/5kA 20KV 20kV/10kA
Photocell		Dimming	Duple	ex Rec	eptacle		Color STD = Specify		Texture	Pre-finis
PC Button type photocell	SD	Field adjustable 10% increment step-dimming switch	GFIC2 Interrupter, Iockable "in GFIC2 Duplex rece Interrupter,	125 VAC use" we ptacle, g 125 VAC	round fault current (15A), complete with a ather proof cover round fault current (20A), complete with a ather proof cover	DG MA SI BZ BG GM PG WH BKH* BZH* GHH* GRH* SLH* WHH* * Holopha	Dark green RAL6012 Marine blue RAL5013 Metallic silver RAL9006 Dark bronze RAL8019 Burgundy RAL3005 Moss green RAL6005 Pale grey RAL7040 White RAL9003 Black Holophane Dark bronze Holophane Graphite Holophane Gray Holophane Silver Holophane White Holophane Mite Holophane Silver Holophane		SM Smooth	MG Marine g pre-finisi
Note: Actual performance in site for up-to-date prod         isite fo	uuct info		oonnenk eind eppilloauun, Al	volues àf	e design o'r typical values, mer	und	laboratory conditions at 25 °C.		ougou ku urange with	Page 2 c
Stamp/Approval:			Date:		Date:					T dye z o

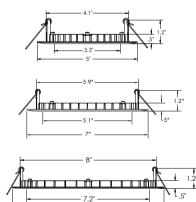
# JUNO

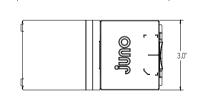
# Juno Wafer<sup>™</sup> LED Downlight Series

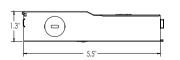
4", 6" & 8" LED Ultra-Thin Wafer Switchable Downlight 5CCT Switchable White Downlight



# **Dimensions**







**D1** 

Fixture Type:		
Location:		

# **Product Features**

The 4",6"& 8" round smooth with 5CCT Switchable White technology provide high-quality light output and efficiency featuring a switch for easy color temperature adjustment to choose between 2700K, 3000K, 3500K, 4000K, or 5000K - while eliminating the need for recessed housings.

- Round smooth lens trim designed to distribute precise even illumination for general purpose areas
- Canless no can required; equals easy to install and less labor
- 5 selectable color temperatures to choose with a switch ranging from warm (2700K) to daylight (5000K) allowing customization for endless applications

# Applications

- Residential and light commercial applications including multi-family, hospitality, assisted living, dormitories and other multi-level construction
- Shallow slim profile allows for easy remodel or new construction insulated and drop ceiling installations
- Wet rated and airtight: perfect for showers, bathrooms, and outdoor soffits

# Performance

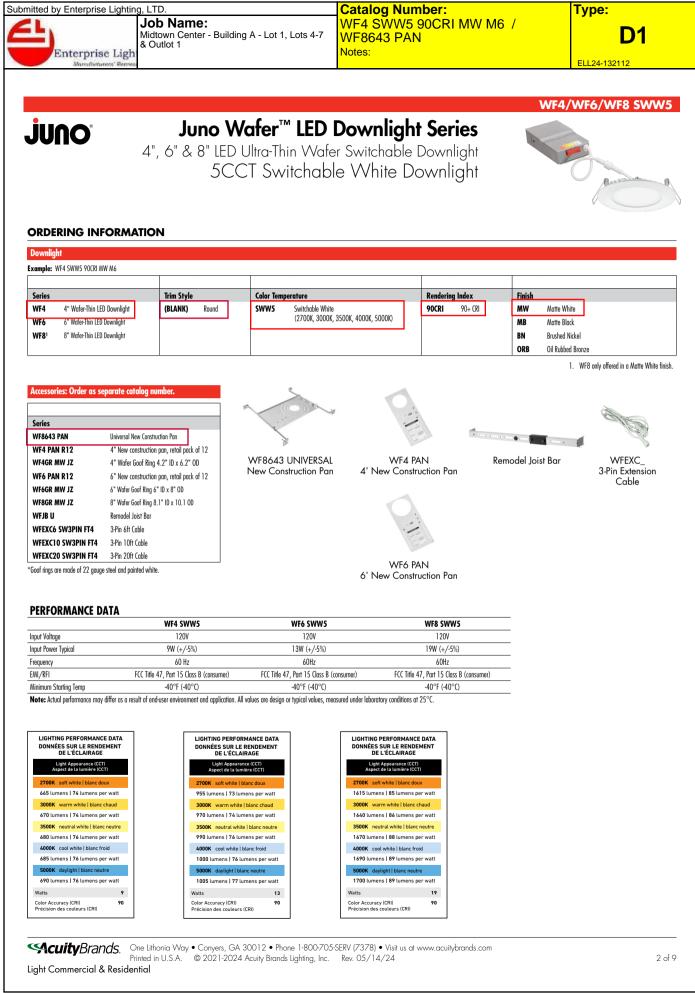
Delivered Lumens	670L (WF4), 970L (WF6) and 1640L (WF8) Nominal at 3000K						
LED Color Temperature	Switchable White (27K, 30K, 35K, 40K, 50K) Default set at 3000K						
CRI	90+						
Voltage	Dedicated 120V						
Dimming	Dimmable to 10% only with triac dimmers.						

For a list of compatible dimmers see JUNO-WAFERS-DIM

# **Specifications**

	WF4	WF6	WF8
Aperture:	3.3"	5.1"	7.2"
Ceiling Opening:	4.25"	6.25"	8.25"
Overlap Trim:	5"	7"	8.9"
Height:	1.2"	1.2"	1.2"

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Enterprise Ligh

Job Name: Midtown Center - Building A - Lot 1, Lots 4-7

& Outlot 1

Catalog Number: WF4 SWW5 90CRI MW M6 / WF8643 PAN Notes:

ELL24-132112

**D1** 

# WF4/WF6/WF8 SWW5

# JUNO

# Juno Wafer™ LED Downlight Series

4", 6" & 8" LED Ultra-Thin Wafer Switchable Downlight 5CCT Switchable White Downlight



# **Specifications**

## Housing

Polycarbonate injection molded outer frame, with steel back plate. Non-conductive dead-front trim design suitable for a wide range of applications and codes requiring a non-conductive lens • FT4 3-pin plenum rated cable connector to connect from module to remote driver box • Steel spring clip for easy installation. 4", 6" or 8" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 4-1/4" for the WF4, 6-1/4" for the WF6 and 8-1/4" for the WF8 • Can be installed from 3/8" to 1  $\frac{1}{2}$ " ceiling thickness • Can be removed from below the ceiling for service or replacement.

## **LED Light Engine**

Switchable white color temperature from 2700K, 3000K, 3500K, 4000K, 5000K • 90 CRI minimum • Color accuracy within 4 step McAdams Ellipse at the end CCT (2700K and 5000K), within 6 step McAdams Ellipse in the middle CCT (3000K, 3500K, and 4000K) • Dimming 100% to 10% with most standard incandescent dimers (see list of approved dimmers).

### Driver

Connect directly to 120V Class-2 (CAN ICES-005 (B) / NMB-005 (B)) LED driver • 120V 60 Hz constant current driver provides noise free operation • IC rated driver with convenience of a switch to choose between 5 selectable color temperature options ranging from 2700K (warm white), 3000K, 3500K, 4000K, or 5000K (daylight) • The isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to [6] 14 gauge insulated conductor or (4) 12 gauge insulated conductors, making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisychain applications and contractor friendly • 2" plenum space required for the installation of the WF6 and WF8 driver boxes; 3"plenum space required for the installation of the WF6 driver box • Suitable for installation in tgrid and drop ceiling applications with universal new construction pan.

## **Optical System**

Edgelit LED technology uses light guided plate to distribute light • Polycarbonate lens provides even illumination throughout the space • Efficient system that can produce over 670 lumens while using 9W (WF4), 970 lumens while using 13W (WF6) and 1640 lumens while using 19W (WF8) • Replaces 65W incandescent (WF4), 75W incandescent (WF6) and 100W incandescent (WF8).

# Life

Rated for 50,000 hours at 70% lumen maintenance.

### Labels

CSA certified to US and Canadian safety standards • ENERGY STAR® certified product • Suitable for wet location, covered ceiling • Air-Loc certified in accordance with ASTM E283-2004 • NOM Certified • Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements • U.S. Patent No. 10,681,784.

## Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

## Warranty

3-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

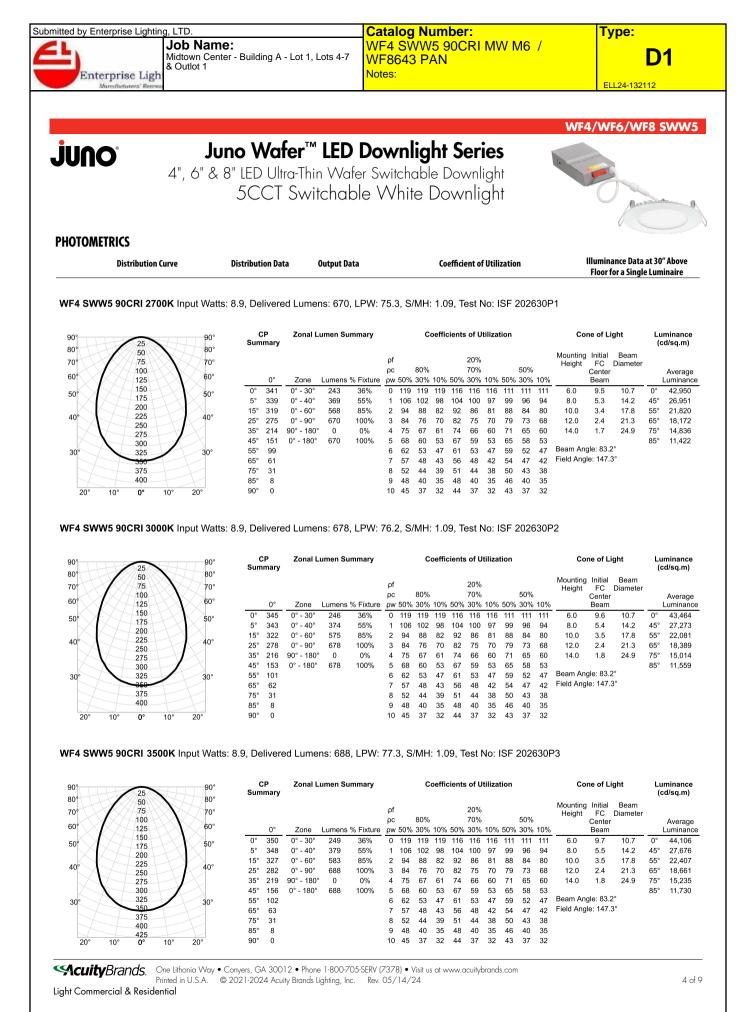
**Note**: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25  $^\circ\text{C}.$ 

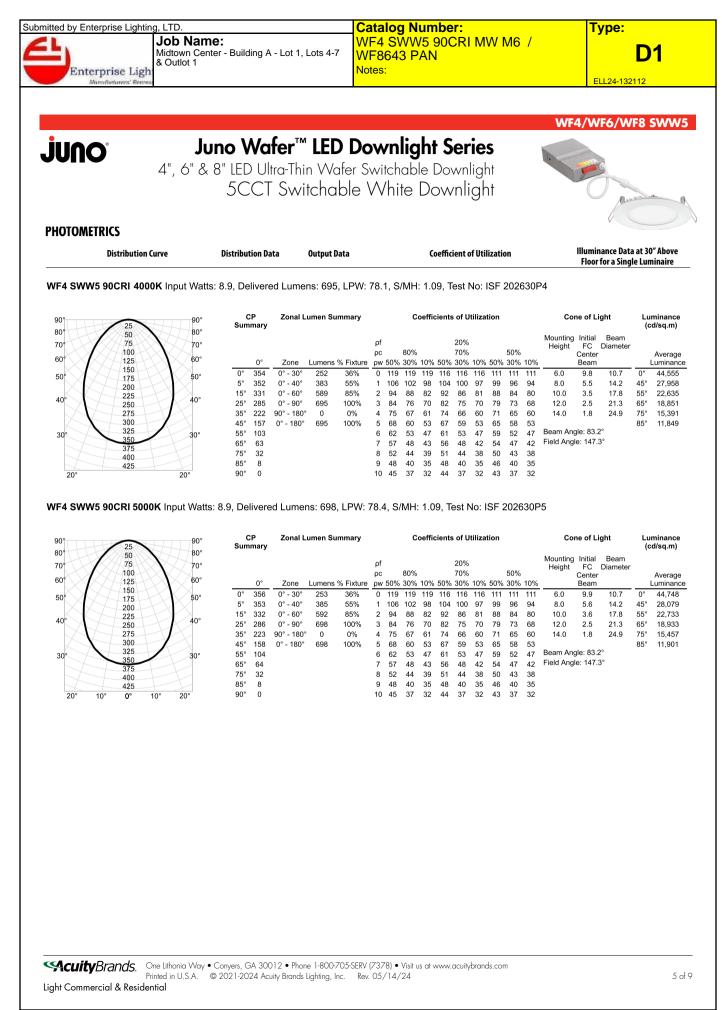
Specifications subject to change without notice.

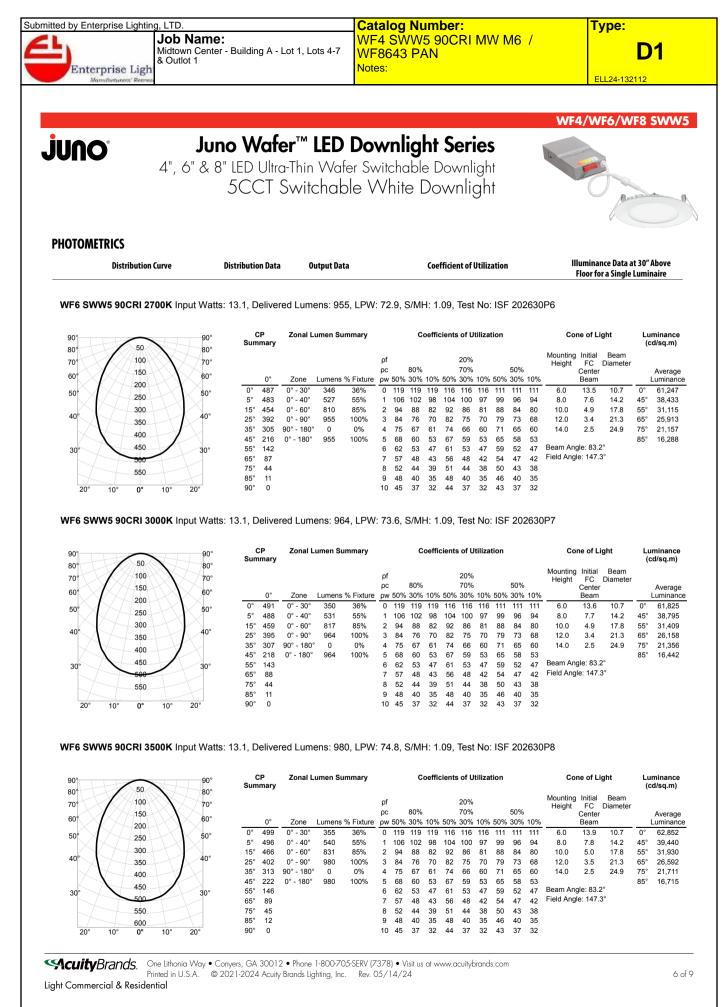
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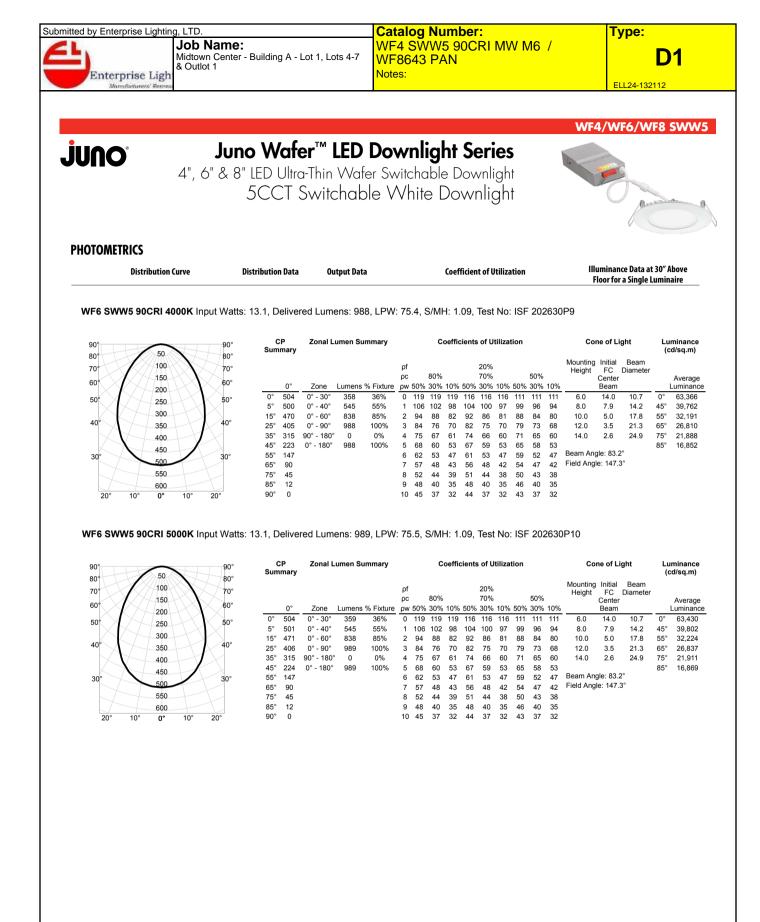
3 of 9



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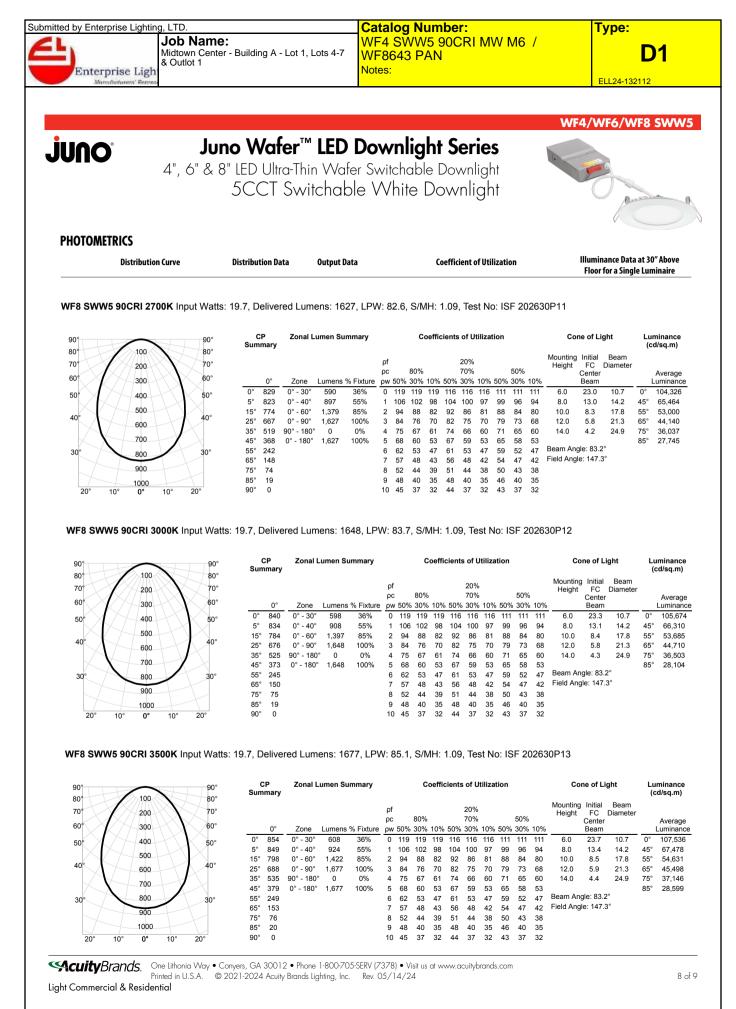


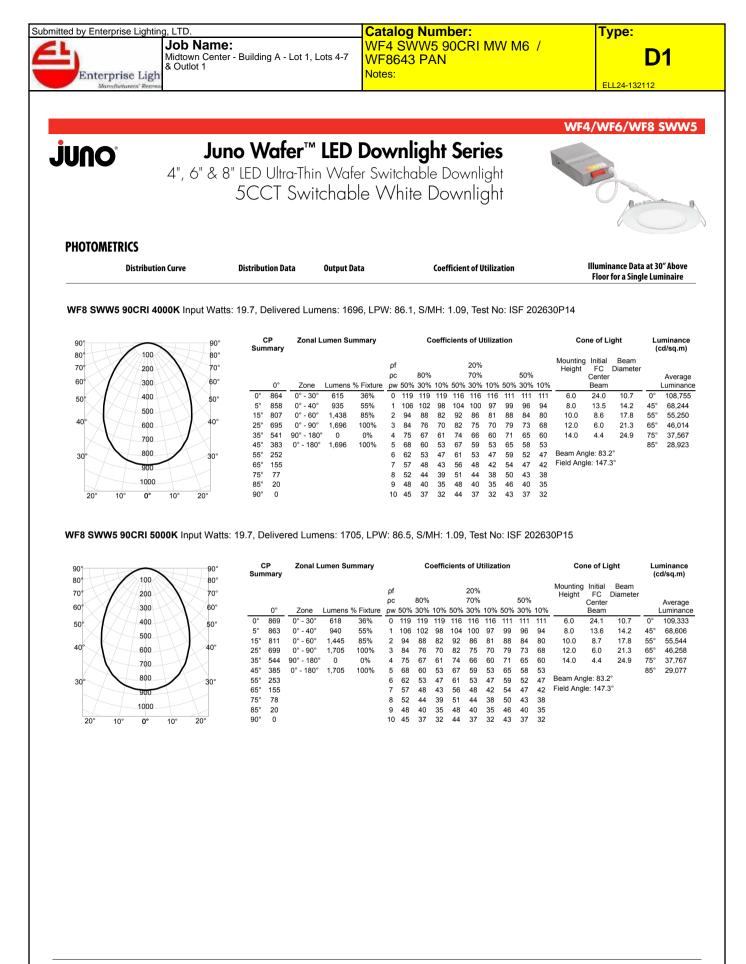




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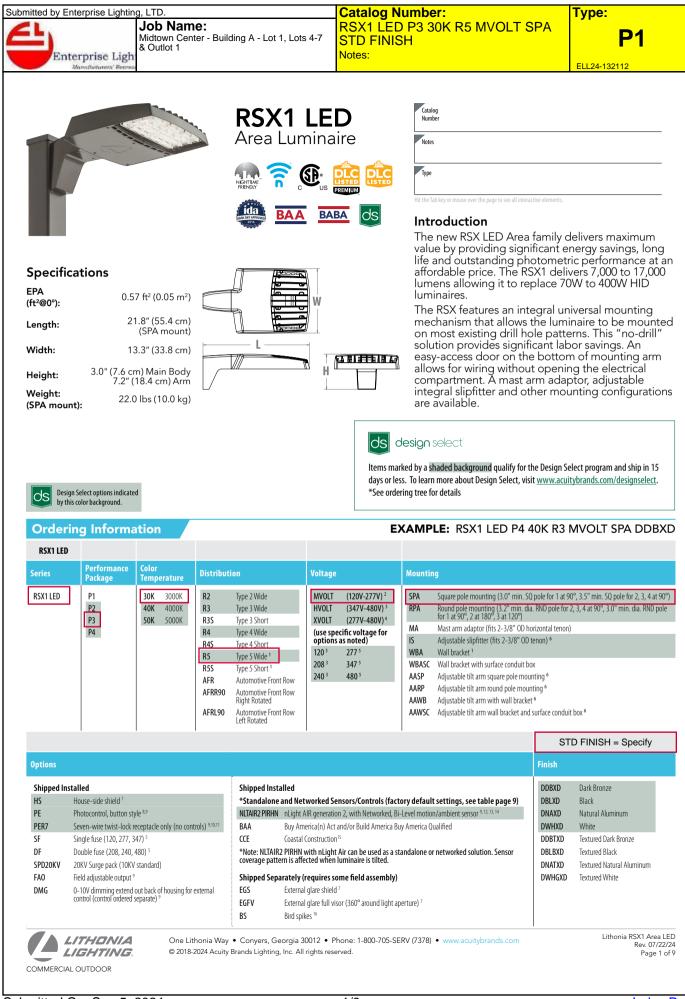
7 of 9

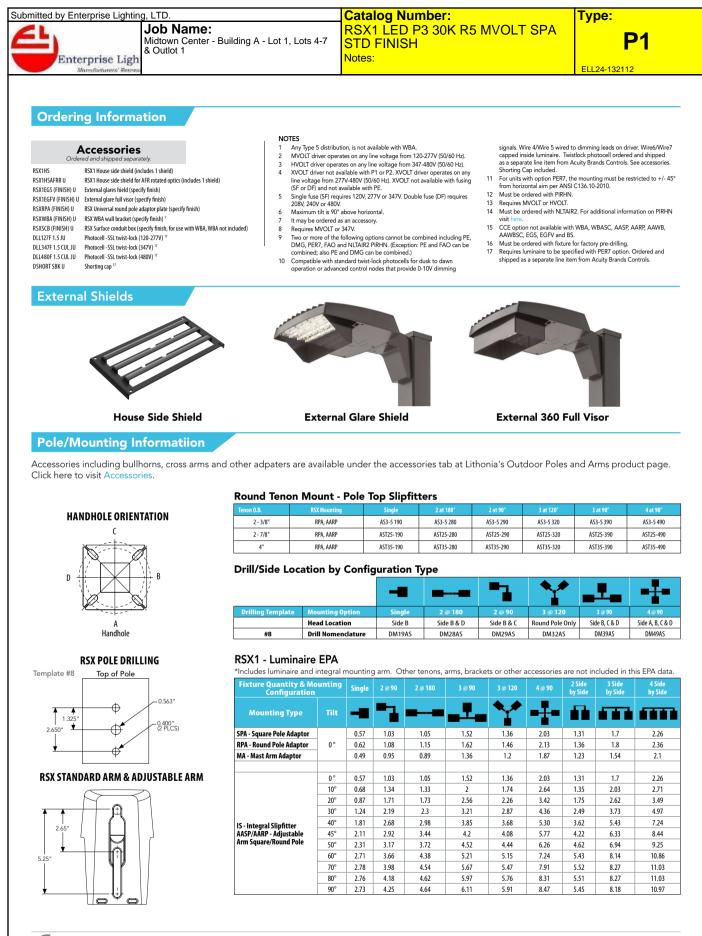




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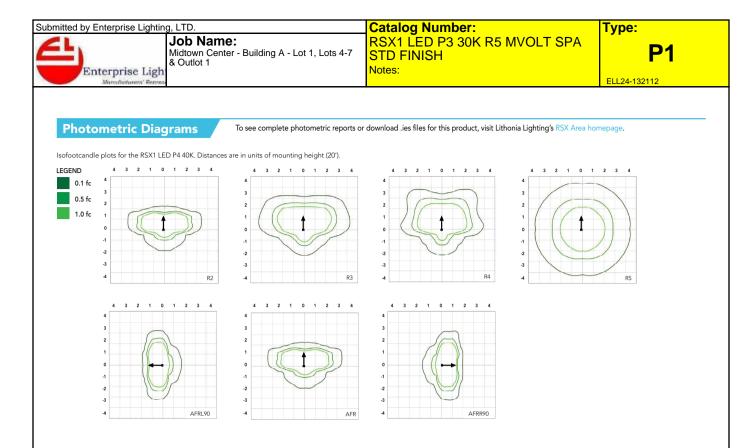
Submitted On: Sep 5, 2024

COMMERCIAL OUTDOOR

LITHONIA

LIGHTING

2/9



## Performance Data

## Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

		Lumen Multiplier				
0°C	32°F	1.05				
5°C	41°F	1.04				
10°C	50°F	1.03				
15°C	59°F	1.02				
20°C	68°F	1.01				
25°C	77°F	1.00				
30°C	86°F	0.99				
35°C	95°F	0.98				
40°C	104°F	0.97				
45℃	113°F	0.96				
50°C	122°F	0.95				

## **Electrical Load**

		Current (A)									
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V				
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11				
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15				
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23				
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27				

## **Projected LED Lumen Maintenance**

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to  $40^{\circ}$ C.



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## **Performance Data**

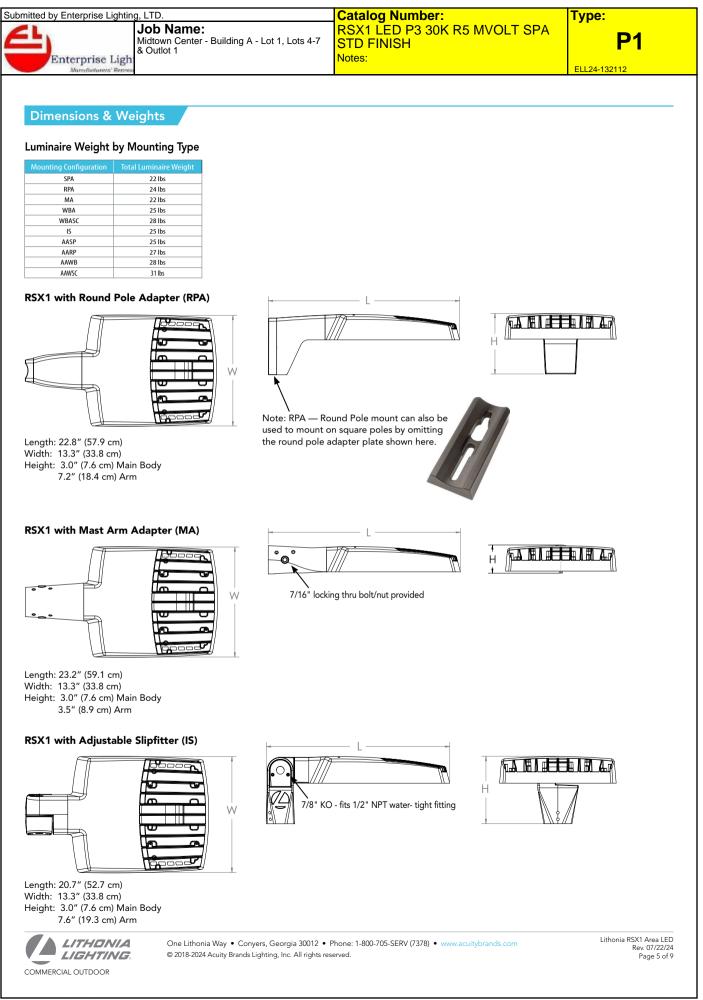
## Lumen Output

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.

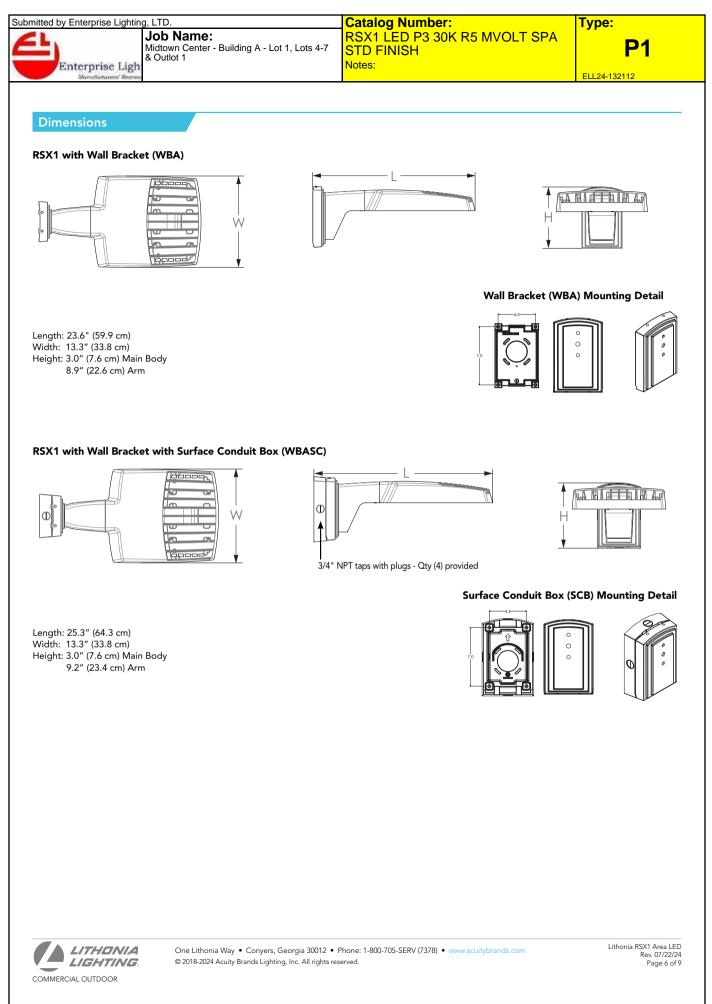
Performance Package					30K )K, 70 Cr					40K IK, 70 CR					50K )K, 70 Cr											
rackage		Туре	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPV									
	l	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139									
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	13									
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	14									
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	14									
P1	51W	R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	13									
ri	5100	R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	14									
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	14									
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	13									
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	14									
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	14									
		R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	13									
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	13									
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	13									
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	13									
P2	72W	R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	13									
P2	7200	R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	14									
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	14									
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	13									
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	13									
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	13									
		R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	12									
												R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	13									
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	13									
P3	109W	R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	12									
P3	109W	R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	13									
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	13									
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	12									
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	13									
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	13									
		R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	12									
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	12									
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	12									
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	12									
P4	1221	R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	12									
r4	133W	R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	12									
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	13									
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	12									
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	12									
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	12									

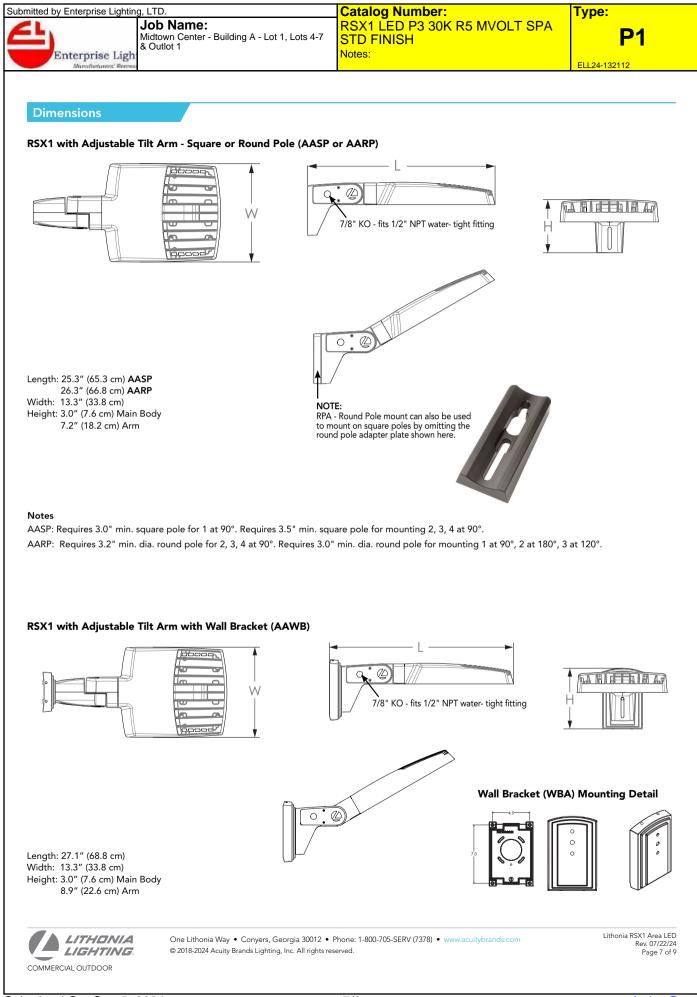


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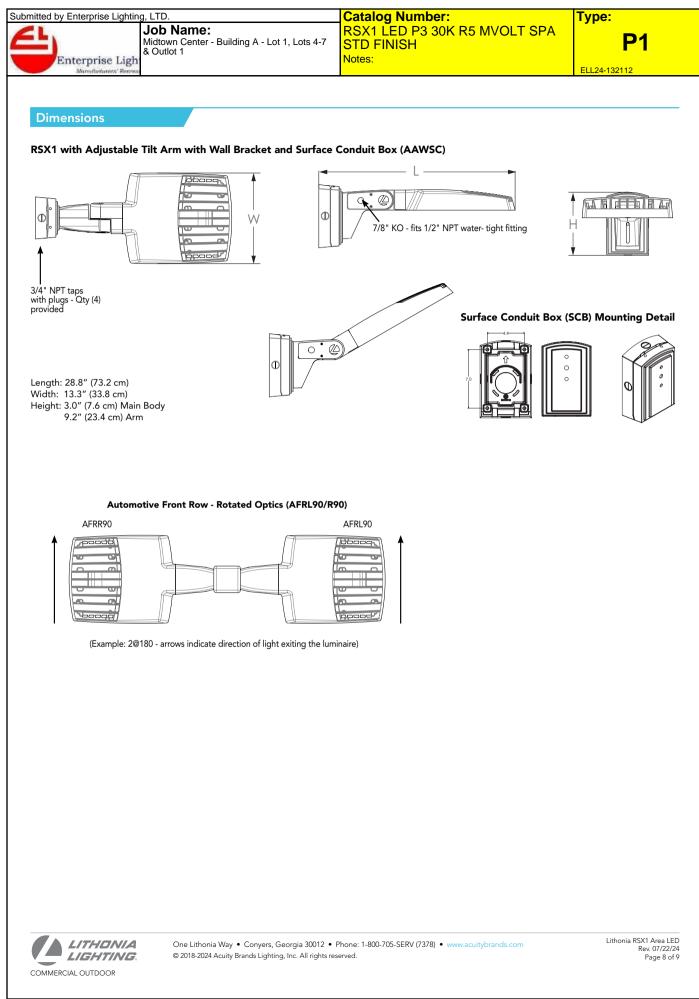


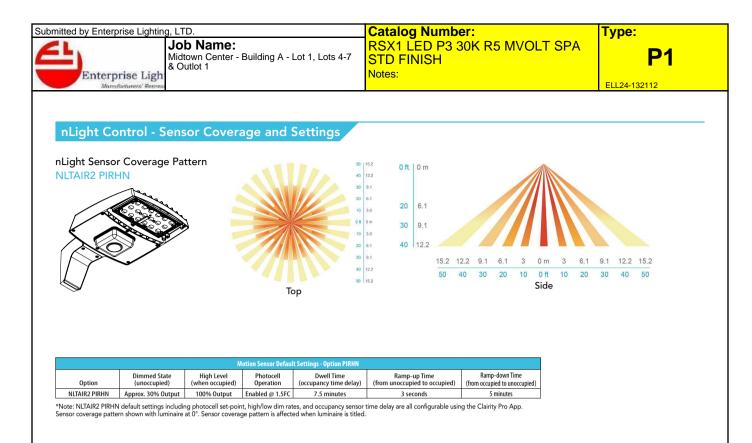
Submitted On: Sep 5, 2024





Submitted On: Sep 5, 2024





### **FEATURES & SPECIFICATIONS**

#### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

#### CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows Induced the performance and occurred component matching and notating and mounting and movies the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration

#### 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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

## COASTAL CONSTRUCTION (CCE)

Optional corrosion-resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead times apply

#### OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing The light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

#### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

#### STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles

#### nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLARITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about Al light can be and here a information about nLight Air can be found he

#### INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, Select the "SPA" option for square poles and the "KPA" option to mount to round poles. Note the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter that mounts on a 2 3/8" on be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications

#### LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at <u>www.designilights.org/QPL</u> to confirm L to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882, 146S

#### GOVERNMENT PROCUREMENT

BOVERNMENT PROCUREMENT BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. can for additional information Please refer to www

#### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

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  $^\circ$ C. Specifications subject to change without notice.



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Catalog

Numbe Notes

Туре

ELL24-132112

**P1** 



Job Name:

& Outlot 1

Midtown Center - Building A - Lot 1, Lots 4-7

# **FEATURES & SPECIFICATIONS**

Submitted by Enterprise Lighting, LTD

Enterprise Ligh

**INTENDED USE** — **These specifications are for USA standards only**. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

## CONSTRUCTION —

**Pole Shaft:** The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). 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".

Pole Top: Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

**Handhole:** A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

### GOVERNEMENT PROCUREMENT —

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

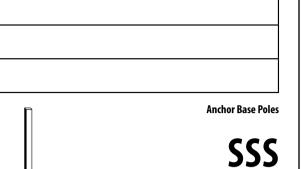
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

**INSTALLATION** — **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.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="http://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

**NOTE**: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



**SQUARE STRAIGHT STEEL** 



OUTDOOR

POLE-SSS

Submitted by Enterprise Lighting	g, LTD.	Catalog Number:	Type:
	Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	SSS 25 4G DM28AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P1</b>

# **SSS** Square Straight Steel Poles

SS	25 = 25 Feet						
eries	Nominal fixture mounting height	Nominal shaft base size/wall thickness <sup>1</sup>	Mounting <sup>2</sup>	Options		Finish	
555	mounting height 10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) (See technical information table for complete ordering information.)	size/wall thickness!         4C       4" 11g (0 120")         4G       4" 7g (0.179")         5C       5" 11g (0.120")         5G       5" 7g (0.179")         6G       6" 7g (0.179")         (See technical information table for complete ordering information.)	Instanting           PT         Open top (includes top cap)           T20         2-3/8" 0.D. (2" NPS)           T25         2-7/8" 0.D. (2-1/2" NPS)           T30         3-1/2" 0.D. (3" NPS)           T35         4" 0.D. (3-1/2" NPS)           T35         4" 0.D. (3-1/2" NPS)           KAC/KAD/KSE/KSF/KVR/KVF Drill mounting <sup>3</sup> DM19           DM19         1 at 90°           DM28         2 at 180° with one side plugged           DM29         2 at 90°           DM39         3 at 90°           DM49         4 at 90°           CSX/DSX/RSX/AERIS*/OMERO*/ KAX Drill mounting <sup>3</sup> DM19AS         1 at 90°           DM28AS         2 at 180°           DM28AS         2 at 90°           DM39AS         3 at 90°           DM39AS         3 at 90°           DM39AS         2 at 90°           DM39AS         2 at 90°           DM39AS         3 at 90°           DM39AS         2 at 90°           DM39AS         2 at 90°           DM39AD         1 at 90°           DM39AD         3 at 90°           DM39AD         3 at 90°           DM39RAD         3 at 90°	Shipped installed VD HAxy FDLxy CPL12/xy CPL12/xy NPL14/xy NPL14/xy NPL1/xy EHHxy STLHHC FBCSTL2PC IC L/AB TP NEC UL BAA VM/original order#	Vibration damper <sup>4</sup> Horizontal arm bracket (1 fxture) <sup>5,6</sup> Festoon outlet less electrical <sup>5,7</sup> 1/2" coupling <sup>5</sup> 3/4" coupling <sup>5</sup> 1" coupling <sup>5</sup> 1" treaded nipple <sup>5</sup> 3/4" threaded nipple <sup>5</sup> 2" threaded nipple <sup>5</sup> Extra handhole cover (standard is plastic, finish is smooth) <sup>7</sup> 2 Piece steel base cover (standard is is plastic) <sup>7</sup> Interior coating <sup>10</sup> Less anchor bolts (Include when anchor bolts are not needed) Tamper resistant handhole cover fasteners NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL listed with label (Includes NEC compliant cover) Buy America(n) Act Compliant <sup>11</sup> Match pole to prior order or project <sup>12</sup>	Super durable DDBXD DBLXD DNAXD DWHXD DSSXD DGCXD DGCXD DGCXD DGCXD DGCXD DBCXD DBXD DBLBXD DBLBXD DNATXD DWHGXD Other finishes GALV Architectural co	paint colors Dark bronze Black Natural aluminum White Sandstone Charcoal gray Tennis green Bright red Steel blue Textured dark bronze Textured black Textured black Textured natural aluminum Textured white Galvanized finish olors and special finishes <sup>13</sup> Paint over galvanizing 3 year warranty extensio 5 year warranty extensio 5 year warranty extensio Use designated Lithonia Lighting nomenclature in brochure Nomenclature assigned through Customer Care "Custom Color Process"

### NOTES:

Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".

2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole. Example: DM28/T20.

 Refer to the future spec sheet for the correct drilling template pattern and orientation compatibility.
 On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.

Example: Pole height is 25ft, A provision cannot be placed above 16ft. 5.

Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".

Example: Sft = 5 and 20ft 3in = 20-3 For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.

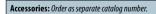
Example: 1/2" coupling at 5' 8", orientation C = CP12/5-8C
Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy. Example: HA20BD.

- FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
- Combination of tenon-top and drill mount includes extra handhole. EHH includes cover. Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be 8. 9.
- ordered as replacements.
- 10. Provides enhanced corrosion resistance. N/A with GALV.

Use when mill certifications are required. 11

12. Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders. Example: VM/010-36784

13. Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.



PL DT20 Plugs for ESX drillings

PL DT8 Plugs for DMxxAS drillings

FVD xxFT Field installed vibration damper (snake style)

## 🚺 LITHONIA LIGHTING

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Submitted by Enterprise Lighting, LTD.	Catalog Number:	Type:
Job Name: Midtown Center - Building A - Lot 1, Lo & Outlot 1	bts 4-7 Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P1</b> ELL24-132112

# **SSS** Square Straight Steel Poles

		Pole Shaft Size									
Catalog Number	Nominal Shaft Length (ft.)*	(Base in. x Top in. x ft.)	Wall thick (in)	Gauge	80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	Approximate ship weight (lbs.)
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	75
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	100
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	115
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	125
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	140
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50			265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100			440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75			605

NOTE: EPA values are based ASCE 7-93 wind map. \* For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

	ICAL INFO				· · · · · · · · · · · · · · · · · · ·												
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25			205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25			445
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).

\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

# 🚺 LITHONIA LIGHTING

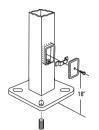
OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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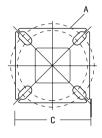
Su	bmitted by Enterprise Lighting	g, LTD.	Catalog Number:	Type:
		Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	SSS 25 4G DM28AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P1</b> ELL24-132112

# **SSS** Square Straight Steel Poles

# **BASE DETAIL**

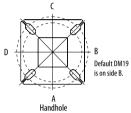


ANCHORAGE AND TEMPLATE INFORMATION													
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Bolt size (in. x in. x in.)	Anchor bolt and template description					
4"C	8" – 9"	3.25"- 3.75"	8"- 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	3/4 x 18 x 3	ABSSS-4C					
4"G	8" – 9"	3.38"- 3.75"	8"- 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	3/4 x 30 x 3	ABSSS-4G					
5"	10" - 12"	3.5"- 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	1 x 36 x 4	ABSSS-5					
6"	11" – 13"	4"- 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	1 x 36 x 4	N/A					





# HANDHOLE ORIENTATION



# 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.
- Bolt circles have +/- 1/2" tolerance.

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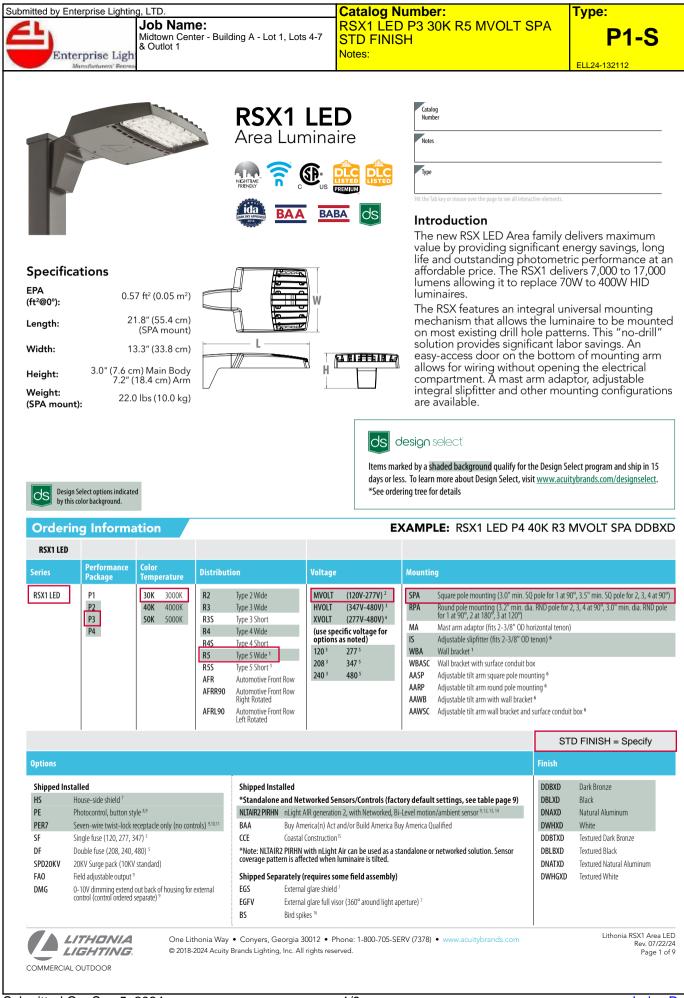


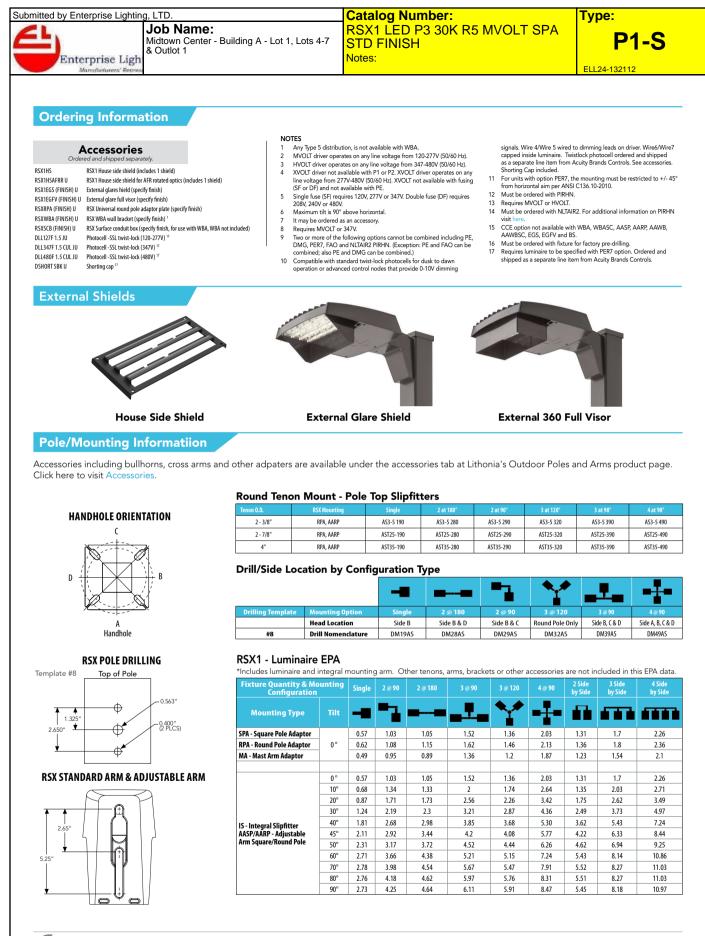
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POLE-SSS

Rev. 03/27/24





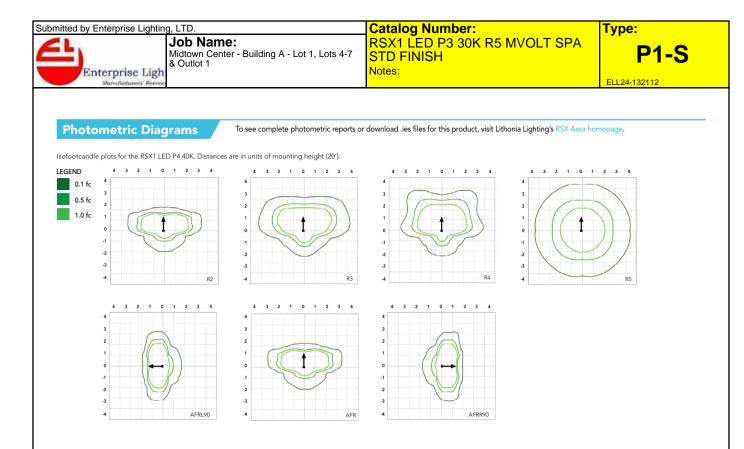
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COMMERCIAL OUTDOOR

Submitted On: Sep 5, 2024

LITHONIA

LIGHTING



## Performance Data

## Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
5℃	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35℃	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

## **Electrical Load**

Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V			
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11			
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15			
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23			
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27			

## **Projected LED Lumen Maintenance**

Operating Hours	50,000	75,000	100,000							
Lumen Maintenance Factor	>0.97	>0.95	>0.92							

Values calculated according to IESNA TM-21-11 methodology and valid up to  $40^{\circ}$ C.



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## **Performance Data**

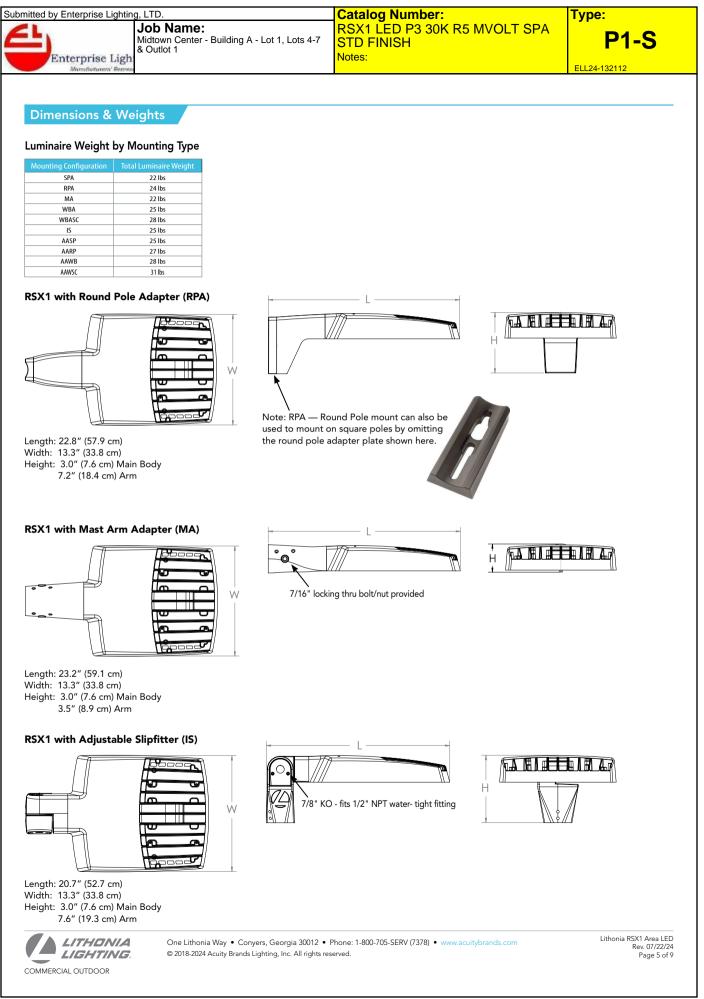
## Lumen Output

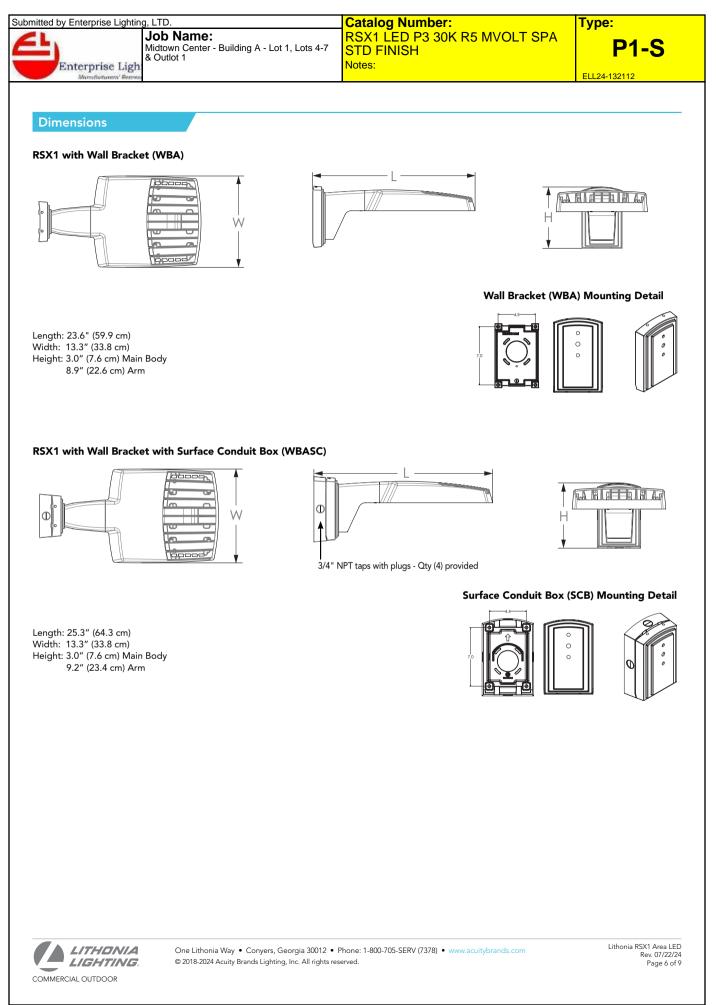
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

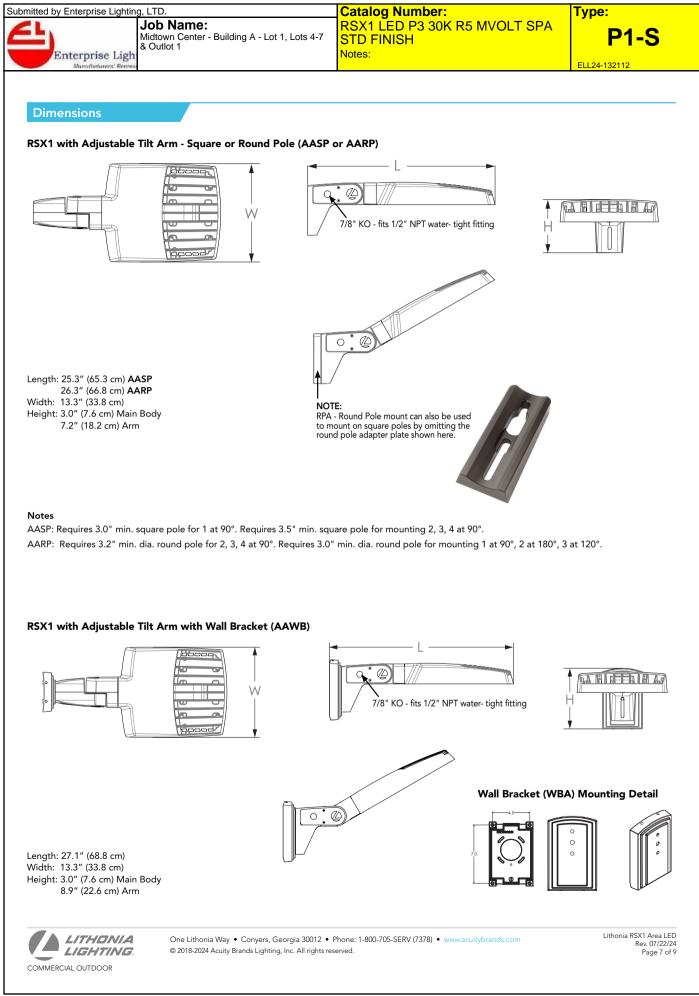
Performance Package			30K (3000K, 70 CRI)				40K (4000K, 70 CRI)				50K (5000K, 70 CRI)						
			Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
		R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	13
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	14
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	14
P1	51W	R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	13
r i	51W	R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	14
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	14
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	13
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	14
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	14
		R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	13
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	13
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	13
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	13
P2	72W	R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	13
rz		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	14
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	14
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	13
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	13
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	13
		R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	12
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	12
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	13
	109W	R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	13
P3		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	12
P3		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	13
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	13
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	12
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	13
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	13
		R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	12
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	12
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	12
	133W	R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	12
DA		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	12
P4		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	12
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	13
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	12
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	12
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	12



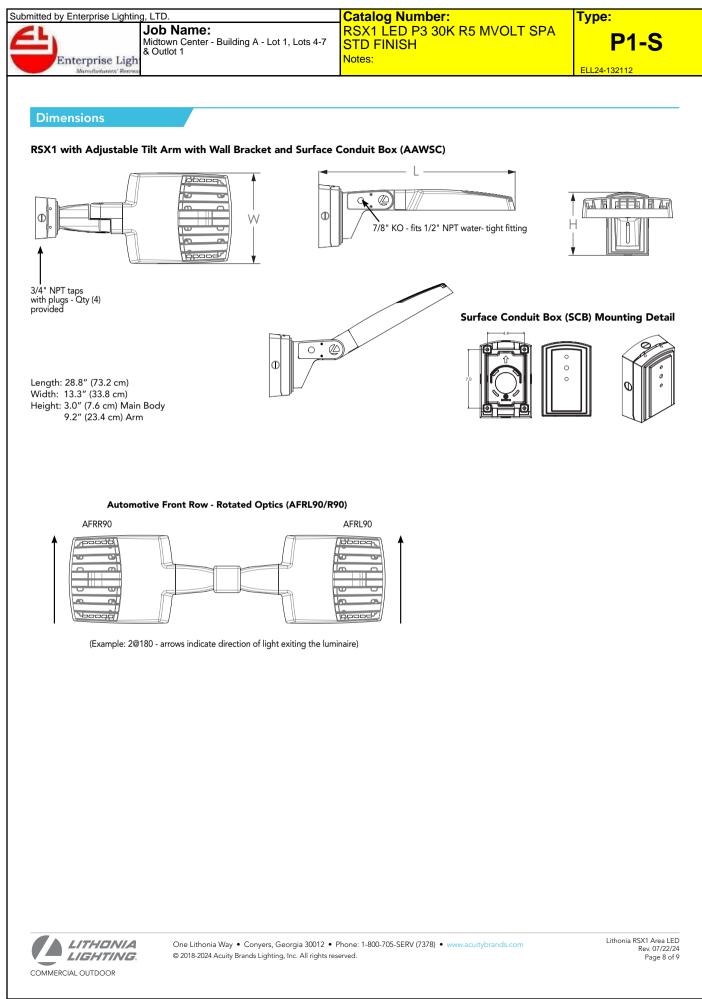
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.acuitybrands.com © 2018-2024 Acuity Brands Lighting, Inc. All rights reserved. Lithonia RSX1 Area LED Rev. 07/22/24 Page 4 of 9

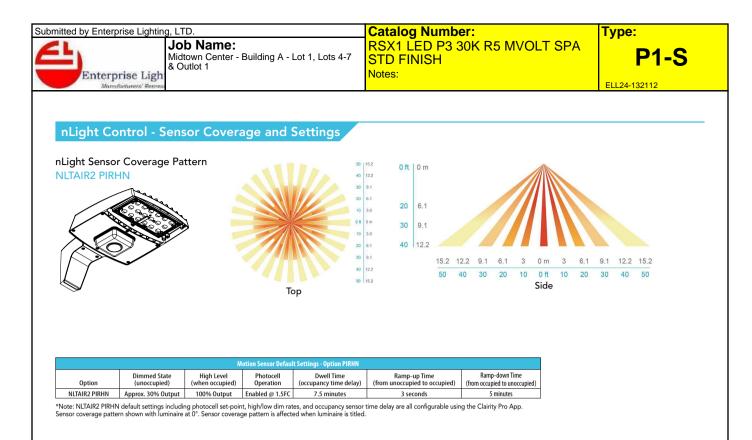






Submitted On: Sep 5, 2024





### **FEATURES & SPECIFICATIONS**

#### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

### CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows Induced the performance and occurred component matching and notating and mounting and movies the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration

#### 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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

### COASTAL CONSTRUCTION (CCE)

Optional corrosion-resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead times apply

### OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing The light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles

### nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLARITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about Al light can be and here a information about nLight Air can be found he

### INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, Select the "SPA" option for square poles and the "KPA" option to mount to round poles. Note the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter that mounts on a 2 3/8" on be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications

### LISTINGS

LISTINGS CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium<sup>®</sup> (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at <u>www.designlights.org/OPL</u> to confirr L to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882, 146S

### GOVERNMENT PROCUREMENT

BOVERNMENT PROCUREMENT BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. can for additional information Please refer to www

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

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  $^\circ$ C. Specifications subject to change without notice.



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Lithonia RSX1 Area LED Rev. 07/22/24 Page 9 of 9

Submitted On: Sep 5, 2024

Enterprise Ligh

Job Name: Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1 Catalog Number: SSS 25 4G DM19AS DDBXD

Туре

Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided

**P1-S** 



# **FEATURES & SPECIFICATIONS**

**INTENDED USE** — **These specifications are for USA standards only**. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

## CONSTRUCTION —

**Pole Shaft:** The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). 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".

Pole Top: Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

**Handhole:** A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

### GOVERNEMENT PROCUREMENT —

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

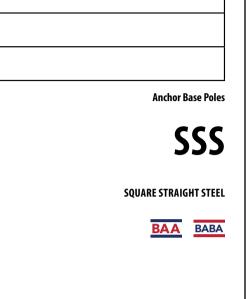
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

**INSTALLATION** — **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.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="http://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

**NOTE**: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



OUTDOOR

Submitted by Enterprise Lighting	g, LTD.	Catalog Number:	Type:
	Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	SSS 25 4G DM19AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P1-S</b>

sss 	25 = 25 Feet Nominal fixture	Nominal shaft base					
Series	mounting height	size/wall thickness <sup>1</sup>	Mounting <sup>2</sup>	Options		Finish	
555	10'-39' (for 1/2 ft increments, add -6 to the pole height. <b>Ex</b> : 20-6 equals 20ft 6in.) (See technical information table for complete ordering information.)	4C       4" 11g (0.120")         4G       4" 7g (0.179")         5C       5" 11g (0.120")         5G       5" 7g (0.179")         6G       6" 7g (0.179")         (See technical information table for complete ordering information.)	Tenon mounting PT         Open top (includes top cap)           T20         2-3/8" 0.D. (2" NPS)           T25         2-7/8" 0.D. (2-1/2" NPS)           T30         3-1/2" 0.D. (3" NPS)           T35         4" 0.D. (3-1/2" NPS)           KACKAD/KSE/KSF/KVR/KVF Drill mounting <sup>3</sup> DM19           DM19         1 at 90°           DM28         2 at 180°           DM29         2 at 80°           DM29         2 at 90°           DM39         3 at 90°           DM49         4 at 90°           CSX/DSX/RSX/AERIS <sup>w</sup> /OMERO <sup>w</sup> / KAX Drill mounting <sup>3</sup> DM19A5         1 at 90°           DM28A5         2 at 180°           DM28A5         2 at 180°           DM29A5         1 at 90°           DM39A5         1 at 90°           DM39A5         3 at 90°           DM39A5         2 at 80°           DM28A5         2 at 180°           DM29A5         4 at 90°           ESA Drill mounting <sup>3</sup> DM19A5           DM19A5         1 at 90°           DM39RAD         3 at 90°           DM39RAD         3 at 90°           DM39RAD         3 at 90°           DM49FSX         1 at 90	Shipped installed VD HAxy FDLxy CPL12/xy CPL34/xy CPL1/xy NPL12/xy NPL34/xy	Vibration damper <sup>4</sup> Horizontal arm bracket (1 fixture) <sup>5,6</sup> Festoon outlet less electrical <sup>5,7</sup> 1/2" coupling <sup>5</sup> 3/4" coupling <sup>5</sup> 1" coupling <sup>5</sup> 1/2" threaded nipple <sup>5</sup> 3/4" threaded nipple <sup>5</sup> 1" threaded nipple <sup>5</sup> Extra handhole <sup>5,8</sup> Steel handhole cover (standard is plastic, finish is smooth) <sup>9</sup> 2 Piece steel base cover (standard is plastic) <sup>7</sup> Interior coating <sup>10</sup> Less anchor bolts (Include when anchor bolts are not needed) Tamper resistant handhole cover fasteners NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL listed with label (Includes NEC compliant cover) Buy America(n) Act Compliant <sup>11</sup> Match pole to prior order or project <sup>12</sup>		paint colors Dark bronze Black Natural aluminum White Sandstone Charcoal gray Tennis green Bright red Steel blue Textured dark bronze Textured dark bronze Textured black Textured natural aluminum Textured white Galvanized finish tolors and special finishes <sup>13</sup> Paint over galvanizing 3 year warranty extension 5 year warranty extension 5 year warranty extension Use designated Lithonia Lighting nomenclature in prochure Nomenclature assigned through Customer Care "Custom Color Process"

### NOTES:

Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179". 2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling

option/tenon option. The combination includes a required extra handhole. Example: DM28/T20.

 Refer to the future spec sheet for the correct drilling template pattern and orientation compatibility.
 On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.

Example: Pole height is 25ft, A provision cannot be placed above 16ft. 5.

Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".

Example: Sft = 5 and 20ft 3in = 20-3 For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.

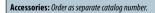
Example: 1/2" coupling at 5' 8", orientation C = CP12/5-8C
Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy. Example: HA20BD.

- FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
- Combination of tenon-top and drill mount includes extra handhole. EHH includes cover. Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be 8. 9.
- ordered as replacements.
- 10. Provides enhanced corrosion resistance. N/A with GALV.

Use when mill certifications are required. 11

12. Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders. Example: VM/010-36784

13. Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.



PL DT20 Plugs for ESX drillings

PL DT8 Plugs for DMxxAS drillings

FVD xxFT Field installed vibration damper (snake style)

# 🚺 LITHONIA LIGHTING

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Submitted by Enterprise Lighting, LTD.	Catalog Number:	Type:
Job Name: Midtown Center - Building & Outlot 1	A - Lot 1, Lots 4-7 Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P1-S</b> ELL24-132112

TECHNICAL INFORM	FECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) with 1.3 gust											
		Pole Shaft Size					EPA (ft²) w	rith 1.3 gust				
Catalog Number	Nominal Shaft Length (ft.)*	(Base in. x Top in. x ft.)	Wall thick (in)	Gauge	80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	Approximate ship weight (lbs.)	
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	75	
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	90	
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	100	
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	115	
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	125	
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	140	
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	198	
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	185	
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	265	
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	170	
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	245	
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	225	
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	360	
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	295	
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50			265	
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	380	
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	520	
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100			440	
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	540	
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75			605	

NOTE: EPA values are based ASCE 7-93 wind map. \* For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

	ICAL INFO				· · · · · · · · · · · · · · · · · · ·						Series Mounting Shaft Base 90 MPH Max. 100 MPH Max. 110 MPH Max. 120 MPH Max. 130 MPH Max. 140 MPH Max. 150 MPH Max. Approximate ship													
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)							
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75							
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90							
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100							
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115							
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125							
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185							
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170							
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140							
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25			205							
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185							
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265							
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170							
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245							
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225							
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360							
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25			445							
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291							
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265							
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380							
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520							
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440							
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540							
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605							

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).

\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

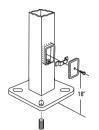
# 🚺 LITHONIA LIGHTING

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

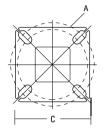
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Submitted by Enterprise Lightin	g, LTD.	Catalog Number:	Type:
Enterprise Ligh		SSS 25 4G DM19AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P1-S</b> ELL24-132112

# **BASE DETAIL**

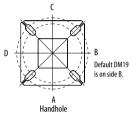


ANCHORAG	ANCHORAGE AND TEMPLATE INFORMATION											
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Bolt size (in. x in. x in.)	Anchor bolt and template description				
4"C	8" – 9" 3.25"- 3.75"		8"- 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	3/4 x 18 x 3	ABSSS-4C				
4"G	8" – 9"	3.38"- 3.75"	8"- 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	3/4 x 30 x 3	ABSSS-4G				
5"	10" – 12"	3.5"- 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	1 x 36 x 4	ABSSS-5				
6"	11" – 13"	4"- 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	1 x 36 x 4	N/A				





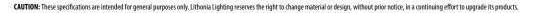
# HANDHOLE ORIENTATION



# 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.
- Bolt circles have +/- 1/2" tolerance.

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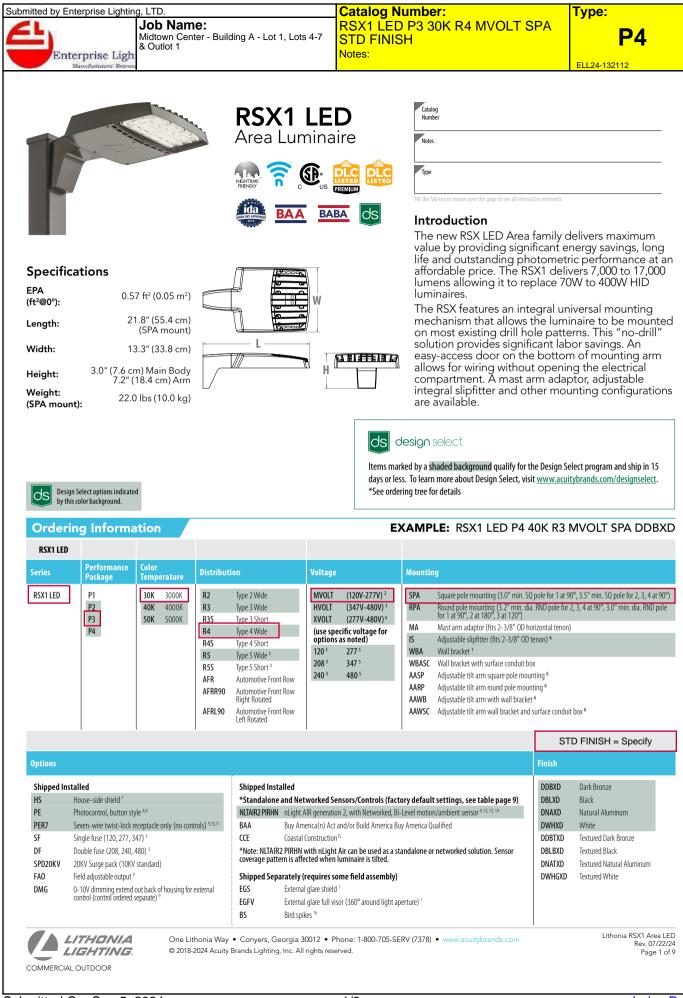


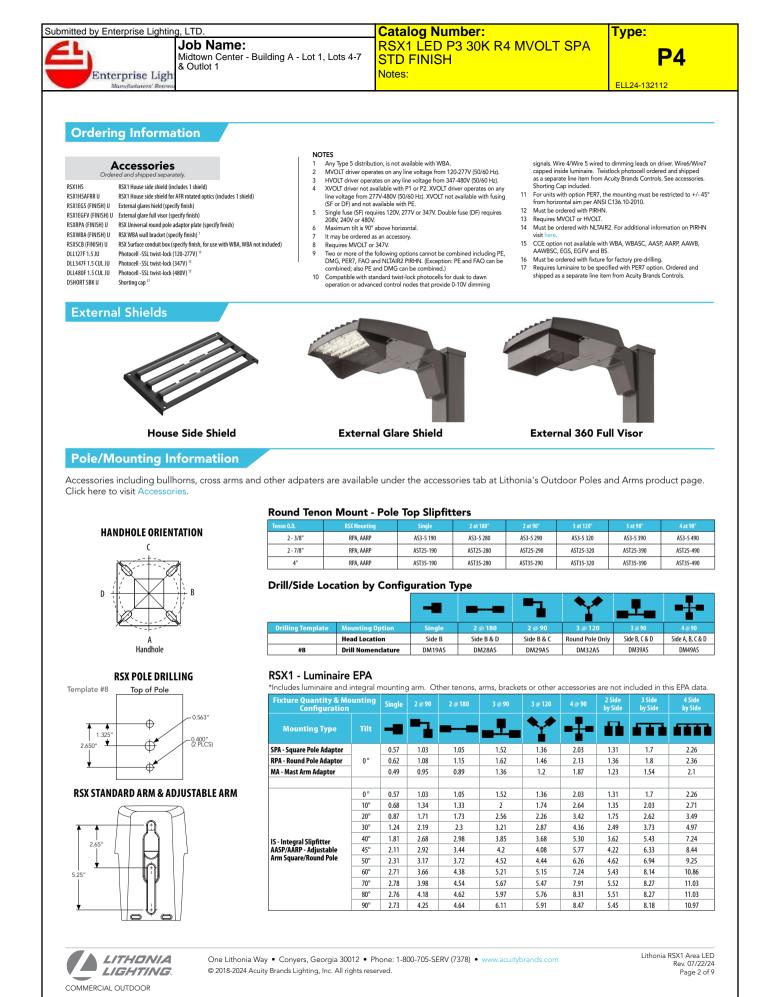
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POLE-SSS

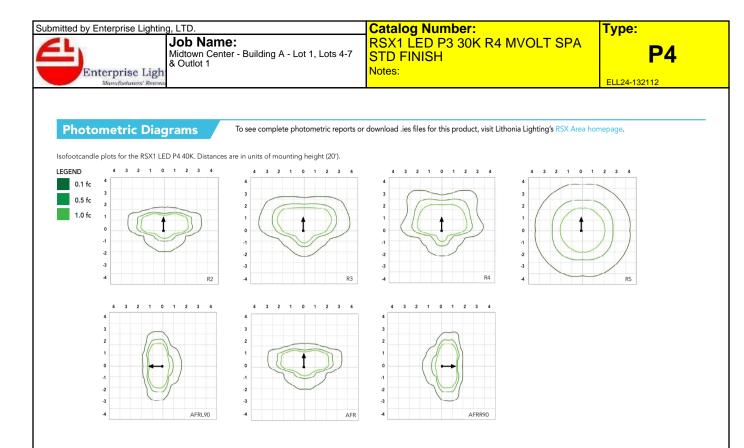
Rev. 03/27/24





Submitted On: Sep 5, 2024

Index Page



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
5℃	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

### **Electrical Load**

Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V			
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11			
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15			
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23			
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27			

## **Projected LED Lumen Maintenance**

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to  $40^{\circ}$ C.



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## **Performance Data**

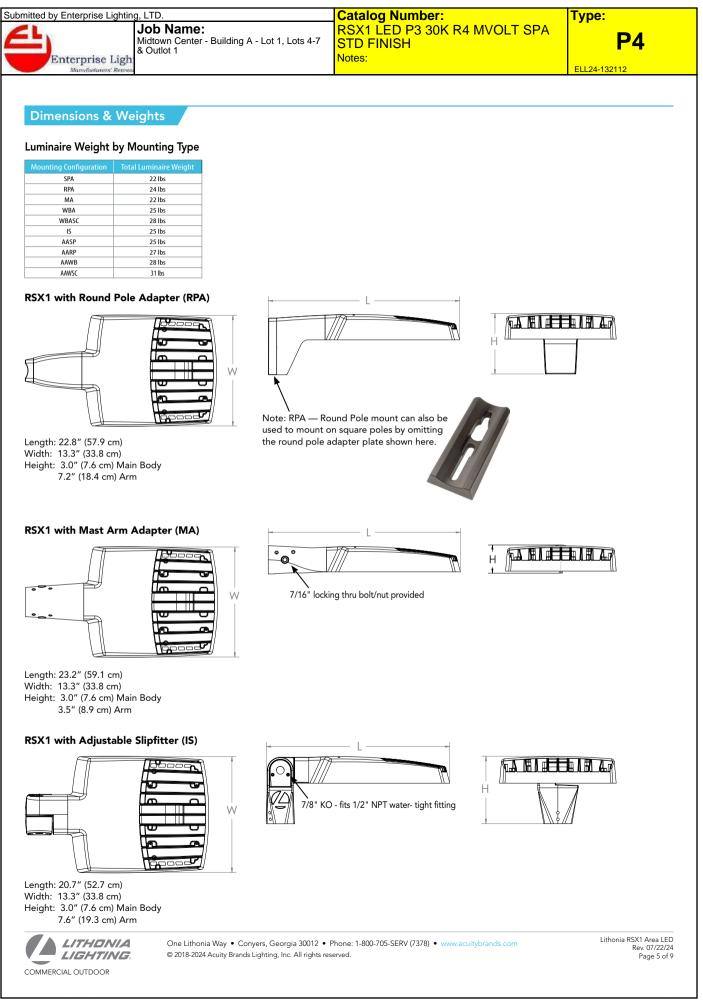
### Lumen Output

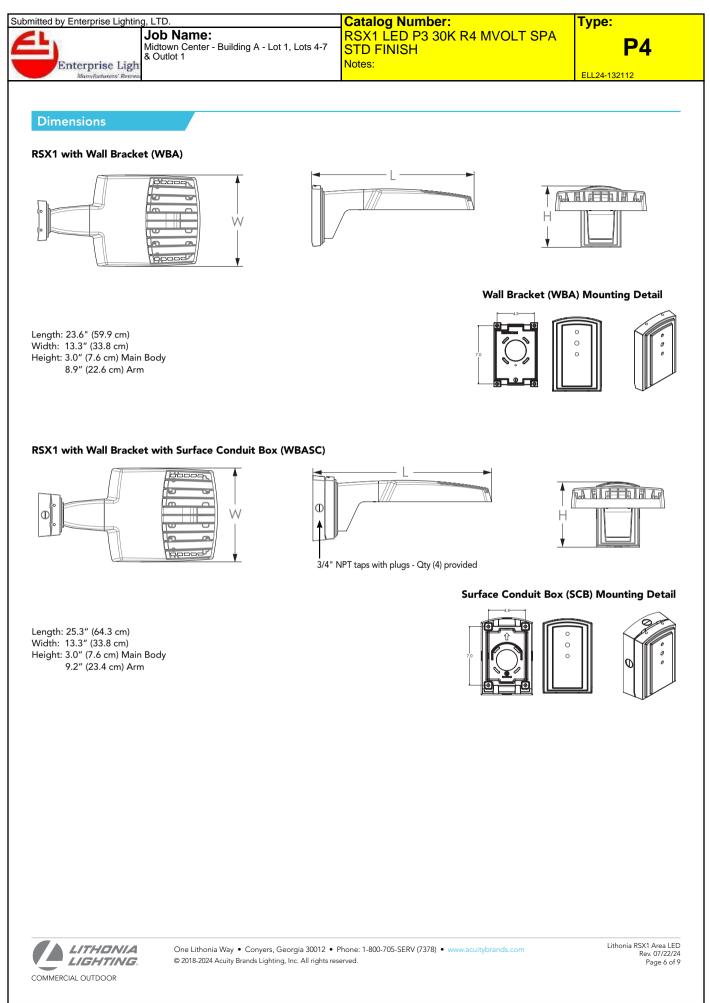
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

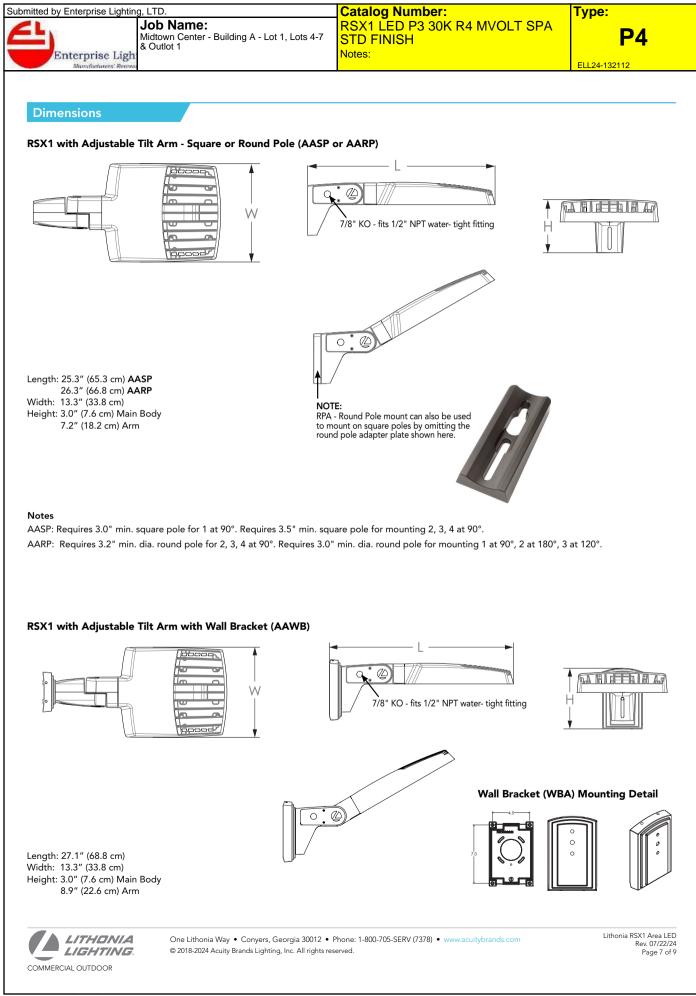
Performance Package	System Watts	Distribution.			30K )K, 70 Cr					40K IK, 70 CR					50K K, 70 CR		
		Туре	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
	1	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	14
P1	51W	R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
r i	5100	R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	14
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	13
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	14
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	14
		R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	13
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	13
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	13
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	13
P2	72W	R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	13
rz	72₩	R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	14
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	14
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	13
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	13
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	13
		R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	12
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	12
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	13
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	13
<b>D</b> 2	109W	R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	12
P3	109W	R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	13
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	13
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	12
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	13
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	13
		R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	12
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	12
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	12
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	12
	12204	R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	12
P4	133W	R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	12
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	13
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	12
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	12
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	12



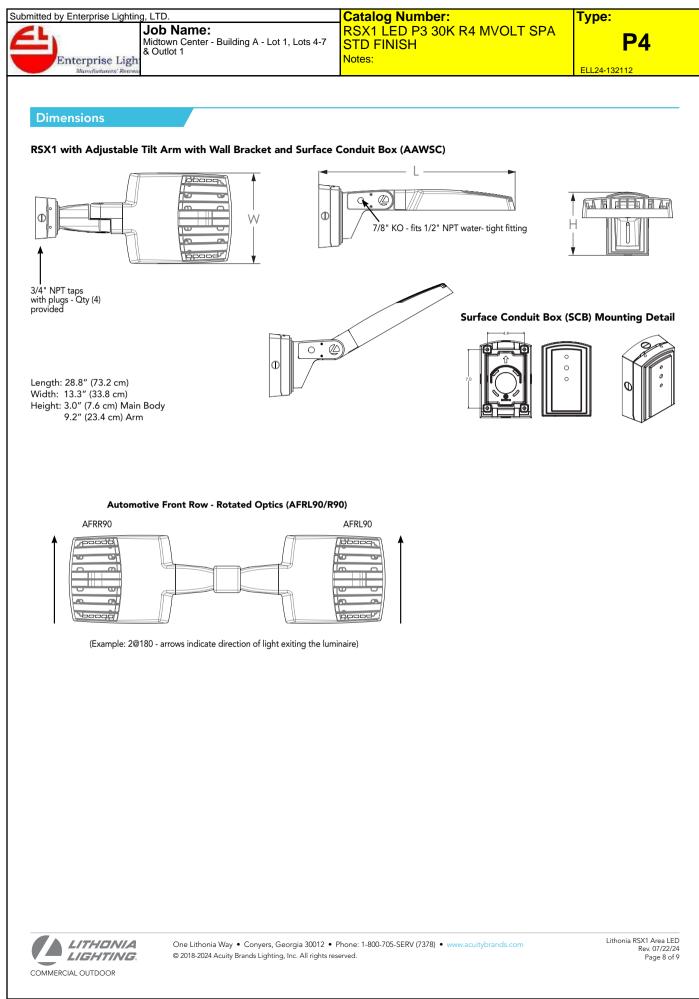
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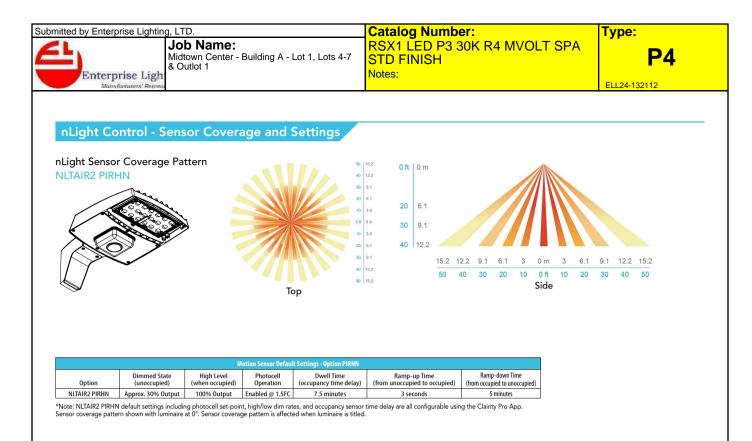






Submitted On: Sep 5, 2024





### **FEATURES & SPECIFICATIONS**

#### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

### CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows Induced the performance and occurred component matching and notating and mounting and movies the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration

#### 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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

### COASTAL CONSTRUCTION (CCE)

Optional corrosion-resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead times apply

#### OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing The light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles

### nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLARITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about Al light can be and here a information about nLight Air can be found he

### INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, Select the "SPA" option for square poles and the "KPA" option to mount to round poles. Note the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter that mounts on a 2 3/8" on be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications

### LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at <u>www.designilights.org/QPL</u> to confirm L to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882, 146S

### GOVERNMENT PROCUREMENT

BOVERNMENT PROCUREMENT BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. can for additional information Please refer to www

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

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  $^\circ$ C. Specifications subject to change without notice.



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Lithonia RSX1 Area LED Rev. 07/22/24 Page 9 of 9

Catalog

Numbe Notes

Туре

Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided

ELL24-132112

**P4** 



Midtown Center - Building A - Lot 1, Lots 4-7

Job Name:

& Outlot 1

# **FEATURES & SPECIFICATIONS**

Submitted by Enterprise Lighting, LTD

Enterprise Ligh

**INTENDED USE** — **These specifications are for USA standards only**. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

## CONSTRUCTION -

**Pole Shaft:** The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). 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".

Pole Top: Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

**Handhole:** A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

### GOVERNEMENT PROCUREMENT —

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

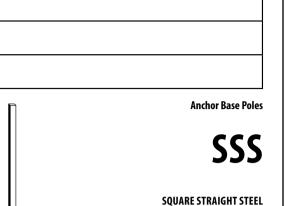
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

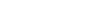
Please refer to www.acuitybrands.com/buy-american for additional information.

**INSTALLATION** — **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.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="http://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

**NOTE**: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.







OUTDOOR

Submitted by Enterprise Lighting	g, LTD.	Catalog Number:	Type:
	Job Name: Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	SSS 25 4G DM19AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P4</b>

25 = 25 Feet						
Nominal fixture mounting height	Nominal shaft base size/wall thickness <sup>1</sup>	Mounting <sup>2</sup>	Options		Finish	
Nominal fixture		Importance           Tenon mounting           PT         Open top (includes top cap)           T20         2-3/8" 0.D. (2" NPS)           T25         2-7/8" 0.D. (2" NPS)           T35         4" 0.D. (2-1/2" NPS)           T36         3-1/2" 0.D. (3" NPS)           T37         4" 0.D. (3-1/2" NPS)           KAC/KAD/KSE/KSF/KVR/KVF         Drill mounting1           DM19         1 at 90°           DM28         2 at 180°           DM28         2 at 180°           DM28         2 at 180°           DM29         2 at 90°           CSX/DSX/RSX/AERIS"/OMERO"/           KAX Drill mounting1           DM19AS         1 at 90°           DM28AS         2 at 180°           DM39         3 at 90°           DM49AS         4 at 90°           CSX/DSX/RSX/AERIS"/OMERO"/           KAX Drill mounting1           DM19AS         1 at 90°           DM28AS         2 at 180°           DM39AS         3 at 90°           DM49AS         4 at 90°           RAD drill mounting3           DM19RAD         1 at 90°           DM28RAD         2 at 90°           DM39RAD <th>Shipped installed         VD         HAxy         FDLxy         CPL12/xy         CPL34/xy         CPL12/xy         CPL34/xy         CPL1/xy         NPL12/xy         NPL12/xy         NPL14/xy         STLHHC         FBCSTL2PC         IC         L/AB         TP         NEC         UL         BAA         VM/original order#</th> <th>Vibration damper<sup>4</sup> Horizontal arm bracket (1 fixture):<sup>5,6</sup> Feston outlet less electrical<sup>5,7</sup> 1/2" coupling<sup>5</sup> 3/4" coupling<sup>5</sup> 1" coupling<sup>5</sup> 1/2" threaded nipple<sup>5</sup> 3/4" threaded nipple<sup>5</sup> 1" threaded nipple<sup>5</sup> Extra handhole cover (standard is plastic, fish is smooth)<sup>8</sup> 2 Piece steel base cover (standard is plastic)<sup>9</sup> Interior coating<sup>10</sup> Less anchor bolts (Include when anchor bolts are not needed) Tamper resistant handhole cover fasteners NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL listed with label (Includes NEC compliant cover) Buy America(n) Act Compliant<sup>11</sup> Match pole to prior order or project<sup>12</sup></th> <th>Super durable DDBXD DBLXD DNAXD DWHXD DSXD DGCCC DGCCC DGCCC DGCCC DGCCC DGCCC DGCCCC DGCCCCCCCC</th> <th>paint colors Dark bronze Black Natural aluminum White Sandstone Charcoal gray Tennis green Bright red Steel blue Textured dark bronze Textured dark bronze Textured black Textured dark bronze Textured dark bronze S year warranty extensio Use designated Lithonia Lighting nomenclature assigned through Customer Care "Custom Color Process"</th>	Shipped installed         VD         HAxy         FDLxy         CPL12/xy         CPL34/xy         CPL12/xy         CPL34/xy         CPL1/xy         NPL12/xy         NPL12/xy         NPL14/xy         STLHHC         FBCSTL2PC         IC         L/AB         TP         NEC         UL         BAA         VM/original order#	Vibration damper <sup>4</sup> Horizontal arm bracket (1 fixture): <sup>5,6</sup> Feston outlet less electrical <sup>5,7</sup> 1/2" coupling <sup>5</sup> 3/4" coupling <sup>5</sup> 1" coupling <sup>5</sup> 1/2" threaded nipple <sup>5</sup> 3/4" threaded nipple <sup>5</sup> 1" threaded nipple <sup>5</sup> Extra handhole cover (standard is plastic, fish is smooth) <sup>8</sup> 2 Piece steel base cover (standard is plastic) <sup>9</sup> Interior coating <sup>10</sup> Less anchor bolts (Include when anchor bolts are not needed) Tamper resistant handhole cover fasteners NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL listed with label (Includes NEC compliant cover) Buy America(n) Act Compliant <sup>11</sup> Match pole to prior order or project <sup>12</sup>	Super durable DDBXD DBLXD DNAXD DWHXD DSXD DGCCC DGCCC DGCCC DGCCC DGCCC DGCCC DGCCCC DGCCCCCCCC	paint colors Dark bronze Black Natural aluminum White Sandstone Charcoal gray Tennis green Bright red Steel blue Textured dark bronze Textured dark bronze Textured black Textured dark bronze Textured dark bronze S year warranty extensio Use designated Lithonia Lighting nomenclature assigned through Customer Care "Custom Color Process"

### NOTES:

Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".

2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole. Example: DM28/T20.

 Refer to the future spec sheet for the correct drilling template pattern and orientation compatibility.
 On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.

Example: Pole height is 25ft, A provision cannot be placed above 16ft. 5.

Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".

Example: Sft = 5 and 20ft 3in = 20-3 For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.

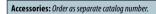
Example: 1/2" coupling at 5' 8", orientation C = CP12/5-8C
Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy. Example: HA20BD.

- FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
- Combination of tenon-top and drill mount includes extra handhole. EHH includes cover. Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be 8. 9.
- ordered as replacements.
- 10. Provides enhanced corrosion resistance. N/A with GALV.

Use when mill certifications are required. 11

12. Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders. Example: VM/010-36784

13. Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.



PL DT20 Plugs for ESX drillings

PL DT8 Plugs for DMxxAS drillings

FVD xxFT Field installed vibration damper (snake style)

# 🚺 LITHONIA LIGHTING

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Submitted by Enterprise Lightin	g, LTD.	Catalog Number:	Type:
	Job Name: Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	SSS 25 4G DM19AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P4</b>

		Pole Shaft Size					EPA (ft²) w	rith 1.3 gust			
Catalog Number	Nominal Shaft Length (ft.)*	(Base in. x Top in. x ft.)	Wall thick (in)	Gauge	80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	Approximate ship weight (lbs.)
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	75
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	100
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	115
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	125
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	140
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50			265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100			440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75			605

NOTE: EPA values are based ASCE 7-93 wind map. \* For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

	ICAL INFO			-	· · · · · · · · · · · · · · · · · · ·				1		1	-		-	1	_	1
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25			205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25			445
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).

\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

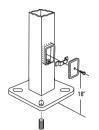
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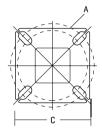
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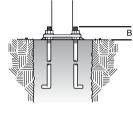
Submitted by Enterprise Lighting, LTD.	Catalog Number:	Type:
Job Name: Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	SSS 25 4G DM19AS DDBXD Notes: A durable ABS plastic two-piece full base cover, finished to match the pole is provided	<b>P4</b> ELL24-132112

# **BASE DETAIL**

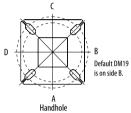


ANCHORAG	E AND TEMP	PLATE INFOR	MATION					
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Bolt size (in. x in. x in.)	Anchor bolt and template description
4"C	8" – 9"	3.25"- 3.75"	8"- 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	3/4 x 18 x 3	ABSSS-4C
4"G	8" – 9"	3.38"- 3.75"	8"- 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	3/4 x 30 x 3	ABSSS-4G
5"	10" - 12"	3.5"- 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	1 x 36 x 4	ABSSS-5
6"	11" – 13"	4"- 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	1 x 36 x 4	N/A





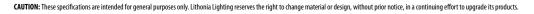
# HANDHOLE ORIENTATION



# 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.
- Bolt circles have +/- 1/2" tolerance.

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POLE-SSS

Rev. 03/27/24

& Outlot 1	<b>le:</b> Iter - Building A - Lot 1, L		P5
Enterprise Ligh Manufacturers: Recent		Notes:	ELL24-132112
🦻 cyclone			Azalea CLE17T4 oval – Specificatio
Project:			Order:
Qty: Luminaire:			Туре:
	the upper	nd fitter module: Round shape, cast A356 aluminum mor r ring welded to the base module. The base is self-leveling t fits on a tenon of 4" (10cm) outer diameter by 3" (7cm) lo	and restrained using (4) 3/8-16 UNC s
		<b>dule:</b> Made of cast A356 aluminum. The opening system /G) and to the driver module.	allows access to the connector block
. 17" .	,	odule: Made of molded A356 aluminum, round shape, it's	mechanically secured to the heat sink
	Beneficial assemble T2M, T2M The regu	Ds, increasing their longevity and efficiency. The high eff cally assembled on the heat sink. The optical lenses are P66 ingress protection rating. The lifetime of the LEDs is extrapolated with TM-21. This data is calculated when 50 ninous flux (L70). The minimum color rendering index (CF nd designed to illuminate only where needed while achiev Produce 0% uplight. The combination of two distribution me optical module. Tempered clear (FCG) or frosted (FG n frame. With the No Lens (NL) option, a white decorative ed under the optical module. The available light distribution VHS, T3, T3HS, T3M, T3MHS, T4, T4HS, T5. Class 1 (P70 to P110) or Class 2 (P10 to P60). Primary te k 20% with a high-power factor of 90%. Operating temper lator offers an output of 0-10 Volts and is ROHS complian e with 10kV/5kA or 20 kV/10kA tripolar surge protection for	cured directly on the LED board and 100,000 hours. It is based on the LM- % of the LEDs produce 70% of their RI) is 70. The optical lenses are made of ing excellent uniformity with maximum types (backward optics) is also availab F) flat glass lenses are attached to a c e acrylic protection plate is mechanical on types are T1, T1A, T1AHS, T2, T2H nsion is of 120 to 480VAC Volts, 50/60 rature is -40°F (-40°C) to 113°F (45°C nt. Assembled with pull-out connectors
	Wiring / I connection	es according to IEEE/ANSI C62.41 2002 C. Hardware: Type TEWT 14-7 AWG, 12" (30.5cm) minimum ons between the modules are provided with quick-discon accessible hardware is made of 304 stainless steel.	
	<b>Color:</b> Al coating is The finish	Il Cyclone colors are available in textured (TX) or smooth s applied and meets the AAMA 2604 requirements (5 yea h meets the ASTM G7, B117, D1654 and D2247 requiren e. <b>Cyclone recommends a textured finish for this proc</b>	rs exposure to all weather conditions). nents relative to salt spray and humidit
<b>EPA:</b> 0.73 ft <sup>2</sup> <b>Weight:</b> 36.2 lbs /		y: 5-year limited warranty. Complete warranty terms locate w.cyclonelighting.com/assets/Legal/Cyclone-Sales-Terms(	
Stamp/Approval:		Name:	Page 1 of

Project:	'CLON					Арр		- Spe	E17T4.
Qty:	Luminai	re:						Туре:	
Ordering Cod	e Lens	Distrib	ution	Performance p	oackage	ССТ	Vc	olts	Surge protect
CLE17T4D	FGC Flat Glass FGF Flat Glass NL No Lens	Frosted         T1A         Type 1           T1AHS         Type 1           T2         Type 2           T2HS         Type 2           T2M         Type 2           T2M         Type 2           T2M         Type 2           T2M         Type 2           T3MHS         Type 3           T3MHS         Type 3           T3MHS         Type 3           T4         Type 4	A A with HS M M with HS with HS M M with HS with HS	P10         (2900lm)           P20         (4200lm)           P30         (5400lm)           P40         (6600lm)           P50         (7500lm)           P60         (10100lm)           P70         (13100lm)           P80         (14800lm)	]	30K 3000K 40K 4000K		10-277VAC	10KV 10kV/5k4 20KV 20kV/10k
Reducer		Photocell	Dim	ming		Color		Texture	Pre-finish
<ul> <li>-</li> <li>Fits Ø 4" (10cm) X 3" (7 long tenon</li> <li>R28 Reducer Ø 4" (1 to 2 7/8" (7cm) Ø 3" (7.5cm) long t</li> <li>R30 Reducer Ø 4" (1 to 3" (7.5cm) Ø ) 3" (7.5cm) long t</li> </ul>	0cm) Ø PX 3 x enon PTL 0cm) Ø c PTDR enon PTDRE DMBK	Photocell W/7-PIN receptacle (ANSI C136.41) Shorting CAP W/7-PIN receptacle (ANSI C136.41) Long life photocell W/7-PIN receptacle (ANSI C136.41) 7-PIN receptacle (ANSI C136.41) 7-PIN receptacle, fixed on top of the fitter (ANSI C136.41) Receptacle cap for PTDR Black only	PND506 Prog 6 hoi PND508 Prog 8 hoi SD Field 10%	volts wire for nal controls ram 50% for urs (9PM to 5AM) ram 50% for urs (11PM to 5AM) adjustable increment step- ning switch	DG         D           MA         M           SI         M           BZ         D           BG         B           GM         M           PG         P           WH         W           BKH*         B           GHH*         G           GHH*         G           SLH*         SI           WHH*         W	lack RAL9005 ark green RAL6012 larine blue RAL5013 letallic silver RAL9004 ark bronze RAL8019 urgundy RAL3005 loss green RAL6005 ale grey RAL7040 /hite RAL9003 lack Holophane ark bronze Holophane iraphite Holophane iraphite Holophane iver Holophane olors are only available in 1	9	TX Textured SM Smooth	
simple mat a bike path	ter to combine two distribu	orientable optics that can be customized tion types in a single light engine, simulta Contact factory for more information.		and value:	s, measured unde	ay differ as a result of end, er laboratory conditions at late product information ar	25 °C. Specification		
- 17" - (43 cm)	.sc [fu 68] .sc EPA	: 0.73 ft <sup>2</sup> Weight: 36.2 lt	os / 16.4 kg						Page 2 o

ELL24-132112

Type:

# ኝ сусіопе



**P5** 

# **Photometric Data Tables**

Azalea - CLE17T4D-NL (No Lens)

				30K					40K					LLD	@ 25C									
Performance Package	Watts System	Optic	Lumen Output	Efficacy (LM/W)	в	U	G	Lumen Output	Efficacy (LM/W)	в	U	G	25K Hours	50K Hours	75K Hours	100H Hour								
		T1	2805	123	1	0	1	2945	129	1	0	1												
		T1A	2704	119	1	0	1	2839	125	1	0	1												
		T2 T2M	2619 2643	115 116	1	0	1	2750 2775	121 122	1	0	1 1												
P10	22.8	T3	2689	118	1	0	1	2823	122	1	0	1	0.98	0.98	0.97	0.97								
		T3M	2678	117	1	0	1	2812	123	1	0	1												
		T4	2705	119	1	0	1	2840	125	1	0	1												
		T5	2848	125	2	0	1	2990	131	2	0	1												
		T1	4010	120	2	0	1	4211	126	2	0	1												
		T1A	3866	116	1	0	1	4059	122	1	0	1												
		T2 T2M	3744 3779	112 113	1	0	1	3931 3968	118 119	1	0	1												
P20	33.4	T3	3844	115	1	0	1	4036	121	1	0	1	0.98	0.98	0.97	0.97								
		T3M	3829	115	1	0	1	4020	120	1	0	1												
		T4	3867	116	1	0	1	4060	122	1	0	1												
		T5	4071	122	2	0	1	4275	128	2	0	1												
		T1	5172	118	2	0	2	5431	124	2	0	2												
		T1A	4985	114	2	0	1	5234	120	2	0	1												
		T2 T2M	4829 4874	110 111	1	0	1 1	5070 5118	116 117	1	0	1												
P30	43.8	T3	4874	113	1	0	1	5205	117	1	0	1	0.98	0.98	0.97	0.97								
		T3M	4938	113	1	0	1	5185	118	1	0	1												
		T4	4987	114	1	0	2	5236	120	1	0	2												
		T5	5251	120	3	0	1	5514	126	3	0	1												
		T1	6290	114	2	0	2	6605	120	2	0	2												
		T1A	6063	110	2	0	2	6366	116	2	0	2												
		T2	5873	107	1	0	1	6167	112	1	0	1												
P40	55.1	T2M T3	5927 6029	108 109	1	0	1 1	6223 6330	113 115	1	0	1	0.98	0.98	0.97	0.97								
		T3M	6006	109	1	0	1	6306	115	1	0		1											
		T4	6065	110	1	0	2	6368	116	1	0	2												
		T5	6386	116	3	0	1	6705	122	3	0	1												
		T1	7174	113	2	0	2	7533	119	2	0	2												
		T1A	6915	109	2	0	2	7261	114	2	0	2												
		T2	6699	105	1	0	1	7034	111	1	0	1												
P50	63.5	T2M	6761	106	2	0	1	7099	112	2	0	1	0.98	0.98	0.97	0.97								
		T3 T3M	6877 6850	108 108	1	0	2 2	7221 7193	114 113	1	0	2												
		T4	6918	108	2	0	2	7193	113	2			) 2	2			0 2 0 2	0 2						
		T5	7283	115	3	0	1	7647	120	3	0	1												
		T1	9578	112	3	0	3	10057	118	3	0	3												
		T1A	9233	108	2	0	2	9695	114	2	0	2												
		T2	8944	105	1	0	1	9391	110	1	0	1												
P60	85.3	T2M	9027	106	2	0	2	9478	111	2	0	2	0.98	0.98	0.97	0.97								
		T3 T3M	9182 9146	108 107	1	0	2 2	9641 9603	113 113	1	0	2 2												
		T4	9140	107	2	0	2	9698	113	2	0	2												
		T5	9725	114	3	0	2	10211	120	3	0	2												
		T1	12468	112	3	0	3	13091	118	3	0	3												
		T1A	12019	108	3	0	3	12620	114	3	0	3												
		T2	11643	105	2	0	2	12225	110	2	0	2												
P70	110.9	T2M	11750	106	2	0	2	12338	111	2	0	2	0.98	0.98	0.97	0.97								
	-	T3	11952	108	2	0	2	12550	113	2	0	2												
		T3M T4	11906 12023	107 108	2	0	2	12501 12624	113 114	2	0	2												
		T5	12659	114	4	0	2	13292	120	4	0	2												
			14108	109	3	0	3	14813	114	3	0	3												
		T1A	13600	105	3	0	3	14280	110	3	0	3												
		T2	13174	102	2	0	2	13833	107	2	0	2												
P80	129.7	T2M	13296	103	2	0	2	13961	108	2	0	2	0.98	0.98	0.97	0.97								
		T3	13524	104	2	0	2	14200	109	2	0	2	2.00	5.00	2.01	0.01								
		T3M	13472	104	2	0	2	14146	109	2	0	2												
		T4 T5	13604 14323	105 110	2	0	3 2	14284 15039	110 116	2	0	3 2												
	,								110	-				Harry 1 007										
Note: Actual per														ifferent CCT										
All values are de Specifications su				aboratory con	dition	s at 2	25°C.	F	0.6	2200K 0.75	ί.		<b>00K 3</b> .95	0.95	<b>4000K</b> 1.00	<b>50001</b> 1.00								
vclone Lighti	ing: 2175 D	es Entrepris	es Blvd, Terre	bonne (QC)	Cana	ida J	6Y 1V		yclonelight	ina co					R	ev. 2024								

ELL24-132112

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# **Photometric Data Tables**

Azalea - CLE17T4D-FGC (Flat Glass Clear)

				30K					40K					LLD	@ 25C	
erformance Package	Watts System	Optic	Lumen Output	Efficacy (LM/W)	в	U	G	Lumen Output	Efficacy (LM/W)	в	U	G	25K Hours	50K Hours	75K Hours	100 Hou
		T1	2481	109	1	0	1	2605	114	1	0	1				
		T1A T2	2432 2343	107 103	1	0	1 0	2554 2460	112 108	1 1	0	1 0				
		T2M	2343	103	1	0	1	2400	108	1	0	1				
P10	22.8	Т3	2320	102	1	0	1	2436	107	1	0	1	0.98	0.98	0.97	0.97
		T3M	2389	105	1	0	1	2508	110	1	0	1				
		T4	2219	97	1	0	1	2330	102	1	0	1				
		T5	2404	105	1	0	1	2524	111	1	0	1				
		T1	3547	106	1	0	1	3724	112	1	0	1				
		T1A T2	3477 3350	104 100	1	0	1	3651	109 105	1	0	1				
		T2M	3312	99	1	0	1	3518 3478	103	1	0	1				
P20	33.4	Т3	3316	99	1	0	1	3482	104	1	0	1	0.98	0.98	0.97	0.9
		T3M	3415	102	1	0	1	3586	107	1	0	1				
		T4	3172	95	1	0	1	3331	100	1	0	1				
		T5	3436	103	2	0	1	3608	108	2	0	1				
		T1	4575	104	2	0	1	4804	110	2	0	1				
		T1A	4484	102	2	0	1	4708	107	2	0	1				
		T2 T2M	4320	99	1	0	1	4536	104	1	0	1				
P30	43.8	T2M T3	4271 4277	98 98	1	0	1	4485 4491	102 103	1	0	1	0.98	0.98	0.97	0.9
		T3M	4404	101	1	0	1	4624	105	1	0	1				
		Τ4	4091	93	1	0	1	4296	98	1	0	1				
		T5	4432	101	2	0	1	4654	106	2	0	1				
		T1	5564	101	2	0	2	5842	106	2	0	2				
		T1A	5453	99	2	0	1	5726	104	2	0	1				
		T2	5254	95	1	0	1	5517	100	1	0	1				
P40	55.1	T2M	5195	94	1	0	1	5455	99	1	0	1	0.98	0.98	0.97	0.9
		T3 T3M	5201 5356	94 97	1	0	1	5461 5624	99 102	1	0	1				
		T4	4975	97	1	0	1	5224	95	1	0	1				
		Τ5	5390	98	2	0	1	5660	103	2	0	1				
		T1	6346	100	2	0	2	6663	105	2	0	2				
		T1A	6220	98	2	0	1	6531	103	2	0	1				
		T2	5992	94	1	0	1	6292	99	1	0	1				
P50	63.5	T2M	5925	93	2	0	1	6221	98	2	0	1	0.98	0.98	0.97	0.9
		T3 T3M	5932	93 96	1	0	1	6229 6414	98 101	1 2	0	1				
		T4	6109 5675	96 89	2	0	1 2	5959	94	2	0	1 2				
		T5	6148	97	3	0	1	6455	102	3	0	1				
			8473	99	2	0	2	8897	104	2	0	2				
		T1A	8304	97	2	0	2	8719	102	2	0	2				
		T2	8001	94	1	0	1	8401	98	1	0	1				
P60	85.3	T2M	7911	93	2	0	1	8307	97	2	0	1	0.98	0.98	0.97	0.9
		T3	7921	93	1	0	2	8317	98	1	0	2				
		T3M T4	8157 7577	96 89	2	0	2 2	8565 7956	100 93	2	0	2 2				
		T5	8208	96	3	0	1	8618	101	3	0	1				
			11030	99	3	0	3	11582	101	3	0	3			_	
		T1A	10810	97	3	0	2	11351	102	3	0	2				
		T2	10415	94	2	0	1	10936	99	2	0	1				
P70	110.9	T2M	10298	93	2	0	2	10813	98	2	0	2	0.98	0.98	0.97	0.9
		T3	10311	93	2	0	2	10827	98	2	0	2	0.00	5.00	0.07	0.0
		T3M T4	10618	96	2	0	2 2	11149	101	2 2	0	2 2				
		14 T5	9863 10685	89 96	2	0	2	10356 11219	93 101	2	0	2				
			12480	96	3	0	3	13104	101	3	0	3			_	
		T1A	12232	94	3	0	2	12844	99	3	0	2				
		T2	11784	91	2	0	2	12373	95	2	0	2				
P80	129.7	T2M	11652	90	2	0	2	12235	94	2	0	2	0.98	0.98	0.97	0.9
100	123.1	Т3	11667	90	2	0	2	12250	94	2	0	2	0.90	0.90	0.97	0.9
		T3M	12015	93	2	0	2	12616	97	2	0	2				
		T4	11160	86	2	0	2	11718	90	2	0	2				
		T5	12090	93	3	0	2	12695	98	3	0	2				
ote: Actual per								_						different CCT		
Il values are de pecifications si				aboratory con	dition	s at 2	25°C.	I	PC Amber 0.6	2200K 0.75			<b>00K</b> .95	<b>3000K</b> 0.95	<b>4000K</b> 1.00	<b>5000</b> 1.0



**P5** 

ELL24-132112

# 🔋 cyclone

# **Photometric Data Tables**

Azalea - CLE17T4D-FGF (Flat Glass Frosted)

				30K	_				40K					LLD	@ 25C		
erformance Package	Watts System	Optic	Lumen Output	Efficacy (LM/W)	в	U	G	Lumen Output	Efficacy (LM/W)	в	U	G	25K Hours	50K Hours	75K Hours	100I Houi	
		T1	2438	107	1	0	1	2560	112	1	0	1					
		T1A T2	2401 2263	105 99	1	0	1	2521 2376	111 104	1	0	1					
<b>D</b> 40	00.0	T2M	2339	103	1	0	1	2456	108	1	0	1	0.00	0.00	0.07	0.01	
P10	22.8	Т3	2224	98	1	0	1	2335	102	1	0	1	0.98	0.98	0.97	0.97	
		T3M	2208	97	1	0	1	2318	102	1	0	1					
		T4 T5	2183 2260	96 99	1	0	1	2292 2373	101 104	1	0	1					
			3485	104	1	0	1	3659	110	1	0	1					
		T1A	3433	103	1	0	1	3605	108	1	0	1					
		T2	3235	97	1	0	1	3397	102	1	0	1					
P20	33.4	T2M	3344	100	1	0	1	3511	105	1	0	1	0.98	0.98	0.97	0.9	
. 20	00.1	T3	3179	95	1	0	1	3338	100	1	0	1	0.00	0.00	0.01	0.0	
		T3M T4	3156 3120	94 93	1	0	1	3314 3276	99 98	1	0	1					
		T5	3230	97	1	0	1	3392	102	1	0	1					
		T1	4494	103	2	0	1	4719	108	2	0	1					
		T1A	4427	101	1	0	1	4648	106	1	0	1					
		T2	4172	95	1	0	1	4381	100	1	0	1					
P30	43.8	T2M	4313	98	1	0	1	4529	103	1	0	1	0.98	0.98	0.97	0.9	
		T3 T3M	4100	94	1	0	1	4305	98	1	0	1					
		T3M T4	4070 4024	93 92	1	0	1	4274 4225	98 96	1	0	1					
		T5	4166	95	2	0	1	4374	100	2	0	1					
		T1	5466	99	2	0	2	5739	104	2	0	2					
		T1A	5384	98	2	0	1	5653	103	2	0	1					
		T2	5074	92	1	0	1	5328	97	1	0	1					
P40	55.1	T2M	5245	95	2	0	1	5507	100	2	0	1	0.98	0.98	0.97	0.9	
		T3	4987	91	2	0	1	5236	95	1	0	1					
		T3M T4	4950 4894	90 89	1	0	1	5198 5139	94 93	2	0	1					
		T5	5067	92	2	0	1	5320	97	2	0	1					
		T1	6234	98	2	0	2	6546	103	2	0	2					
		T1A	6141	97	2	0	1	6448	102	2	0	1					
		T2	5787	91	2	0	1	6076	96	2	0	1					
P50	63.5	T2M T3	5983	94 90	2	0	1	6282 5972	99	2 2	0	1	0.98	0.98	0.97	0.9	
		T3M	5688 5646	90 89	2	0	1	5972	94 93		0 1	2 0 1	1				
		T4	5582	88	2	0	1	5861	92	2	0	D 1					
		T5	5779	91	2	0	1	6068	96	2	0	1					
		T1	8324	98	2	0	2	8740	102	2	0	2					
		T1A	8200	96	2	0	2	8610	101	2	0	2					
		T2 T2M	7727	91	2	0	2 2	8113	95	2	0	2					
P60	85.3	T2M T3	7988 7594	94 89	2	0	2	8387 7974	98 93	2	0	2 2	0.98	0.98	0.97	0.9	
		T3M	7538	88	2	0	2	7915	93	2	0	2					
		Τ4	7453	87	2	0	2	7826	92	2	0	2					
		T5	7716	90	3	0	2	8102	95	3	0	2			_		
		T1	10835	98	3	0	3	11377	103	3	0	3					
		T1A	10674	96	3	0	2	11208	101	3	0	2					
		T2 T2M	10058 10398	91 94	2	0	2 2	10561 10918	95 98	2	0	2					
P70	110.9	T3	9885	94 89	2	0	2	10918	98	2	0	2	0.98	0.98	0.97	0.9	
		T3M	9813	88	2	0	2	10304	93	2	0	2					
		Τ4	9702	87	2	0	2	10187	92	2	0	2					
		T5	10044	91	3	0	2	10546	95	3	0	2					
		T1	12260	95	3	0	3	12873	99	3	0	3					
		T1A	12078	93	3	0	2	12682	98	3	0	2					
		T2 T2M	11381 11766	88 91	2	0	2	11950 12354	92 95	2	0	2 2					
P80	129.7	T3	11185	86	2	0	2	12334	95	2	0	2	0.98	0.98	0.97	0.9	
		T3M	11103	86	2	0	2	11658	90	2	0	2					
		T4	10978	85	2	0	2	11527	89	2	0	2					
		T5	11365	88	3	0	2	11933	92	3	0	2					
ote: Actual per	formance may	differ as a r	esult of end-us	er environme	nt an	d app	licatio	n.				Lume	n ratio for	different CCT			
Il values are de pecifications si	sign or typica	l values, mea	asured under l						PC Amber 0.6	<b>2200k</b> 0.75	(		<b>700K</b> 0.95	<b>3000K</b> 0.95	<b>4000K</b> 1.00	<b>5000</b> 1.0	

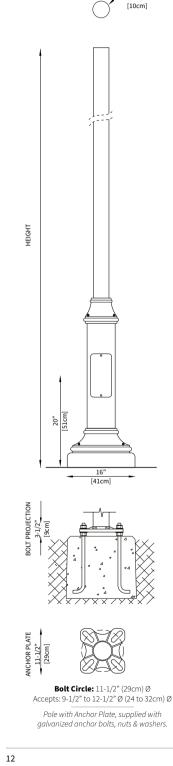


**P5** 

# cyclone

4" Ø

# PM40 / PM42 - 4 "Ø MUFFLER POLE, ALUMINUM



	12				E	BANNER PROV	ISION HOLES	i*	STD = Specify		
SERIES	HEIGHT <sup>(1)</sup>	MOUNTING	ADAPTOR	OPTIONS**	Configuration	Banner position from ground (4)	Top Banner Height <sup>(5)</sup>	Orientation	COLOR***	FINISH	MG
PM40 ····	····8' to 18'		-	-	-	Starting at 96"	24	-	BG	TX	-
PM42	····8' to 20'	INS	APC <sup>(6)</sup>	DU	BHS <sup>(2)</sup>		30	A (0°)	BK	SM	MG
		TN32		GFI	BHD <sup>(3)</sup>		36	B (90°)	BZ		
		TN33		GFIC1			42	C (180°)	DG		
				GFIC2			48	D (270°)	GM		
				FU1					MA		
				FU2					PG		
				TP					SI		
									WH		

Only necessary with banner(s)
 For multiple options selection, please contact factory.
 Holophane colors also available. Please contact factory.

Available in 0.5' increments
 Area the second of t

### POLE

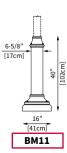
Round, 4" (10cm) Ø, 6061-T6 aluminum shaft, welded to a 6-5/8" (17cm) Ø base. The assembly is welded to both the top and bottom of a cast aluminum reinforced anchor plate. Handhole 4" x 9" (10cm x 23cm) with weatherproof cover and copper ground lug.

SERIES	HE	IGHT	WAI THICKI		WEI	GHT			EPA RAT	ING (sq.ft)			ANCHOR BOLTS
	ft	m	in	mm	lbs	kg	80mph	90mph	100mph	110mph	120mph	150mph	in
PM40	8	2.44	0.125	3.2	19.13	8.68	9.75	7.70	6.25	5.13	4.33	2.81	3/4-20
PM42	8	2.44	0.226	5.7	26.46	12.00	15.03	12.01	9.62	8.00	6.75	4.27	3/4-20
PM40	10	3.05	0.125	3.2	22.86	10.37	7.81	6.08	4.94	4.05	3.37	2.13	3/4-20
PM42	10	3.05	0.226	5.7	33.03	14.98	12.17	9.62	7.70	6.32	5.33	3.37	3/4-20
PM40	12	3.66	0.125	3.2	26.59	12.06	6.32	4.87	3.90	3.16	2.56	1.60	3/4-20
PM42	12	3.66	0.226	5.7	39.60	17.96	10.13	7.81	6.32	5.13	4.21	2.66	3/4-20
PM40	13	3.96	0.125	3.2	28.45	12.90	5.70	4.39	3.42	2.74	2.25	1.35	3/4-20
PM42	13	3.96	0.226	5.7	42.89	19.45	9.13	7.11	5.62	4.56	3.75	2.37	3/4-20
PM40	14	4.27	0.125	3.2	30.32	13.75	5.20	4.00	3.08	2.40	1.92	1.15	3/4-20
PM42	14	4.27	0.226	5.7	46.17	20.94	8.55	6.59	5.20	4.21	3.37	2.10	3/4-20
PM40	15	4.57	0.125	3.2	32.19	14.60	3.85	2.66	1.87	1.25	-	-	3/4-20
PM42	15	4.57	0.226	5.7	49.46	22.43	6.94	5.13	3.80	2.88	2.25	1.25	3/4-20
PM40	16	4.88	0.125	3.2	34.05	15.44	3.29	2.25	1.50	-	-	-	3/4-20
PM42	16	4.88	0.226	5.7	52.74	23.92	6.17	4.50	3.29	2.40	1.77	-	3/4-20
PM40	18	5.49	0.125	3.2	37.78	17.14	2.37	1.40	-	-	-	-	1-36
PM42	18	5.49	0.226	5.7	59.31	26.90	4.81	3.37	2.37	1.58	1.05	-	1-36
PM42	20	6.10	0.226	5.7	65.88	29.88	3.75	2.40	1.50	-	-	-	1-36

EPAs values calculated following AASHTO 2013 Standard. EPA ratings refer to POST TOP applications only. For other configurations consult factory. EPA ratings for aluminium poles do not include added EPA strength modifying treatments. For added T6-Heat treated aluminium pole results consult factory. \* Do not erect pole without the intended loading attached to avoid wind-induced vibration. Luminaires must be attached to pole when installed.

## BASE COVERS

BM11 is shown with the pole. For all models available, see "Base Cover" section on page 31.



Orientation 180 Pole access door at 0

cyclonelighting.com

Submitted by Enterprise Lighting, LTD.	Catalog Number:	Type:
Job Name: Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	FCSL2040-UNV-3K-CRI85-5L-STD FINISH Notes:	S1
Manufacturers' Review		ELL24-132112

<u>()</u>



**FCSL2040** 



Date:	Approved:
Туре:	
Luminaire:	
Project:	

**FCSL2040** 13" exterior die-cast aluminum step light with heavy walled die-cast faceplate, for masonry or drywall construction. IP68 rated for damp, dry or wet locations. Up to 128 lumens per Watt.

# SPECIFICATIONS

PHYSICAL	
dimensions	13" W x 4.5" H x 3.9" D
weight	5 lbs
housing	Marine grade, corrosion resistant, heavy walled, high pressure, die-cast aluminum with snap-in Screwless faceplate standard. Optional captive recessed stainless steel tamper resistant screws (TRS option). Back Box is high strength, black Polycarbonate with UV protection (UL 746C rated f1) and flame rated (UL94 5VA).
lens	Clear, low iron tempered glass lens. Diffused internal reflector
mounting	Concrete pour, masonry, solid composite, special construction, and drywall construction mounting kit included. Hanger bar mounting optional.
ingress protection	Optical / driver unit is IP68 rated dry, damp or wet locations. All seals are injection molded silicone.
faceplate finish	Die cast aluminum faceplate. Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm minimum thickness, 5,000 hour salt spray test (ASTM B117) compliant with Florida, AAMA 2604 specification.
PERFORMANCE	
color	2700K, 3000K, 3500K, 4000K, 5000K, Amber, Red, Blue
lifetime	L70 > 70,000 hours
color consistency	3 SDCM, 85 CRI (White Light)
operating temperature	-13°F to 104°F (-30°C to 40°C)
warranty	5-Year limited warranty (refer to website for details)
ELECTRICAL	
input voltage	Universal 120 - 277 VAC
power supply	Integral, electronic high-power factor $> 94\%$ @ 120V, THD of $\le 20\%$
standards	cETLus
power consumption	14W (1037 lm), 6W (785 lm), 4W (466 lm)
dimming	optional: TRIAC dimming (120V only), 0-10V dimming (1% minimum)

Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.

US Commercial Lighting Manufacturer Since 1982

© FC Lighting

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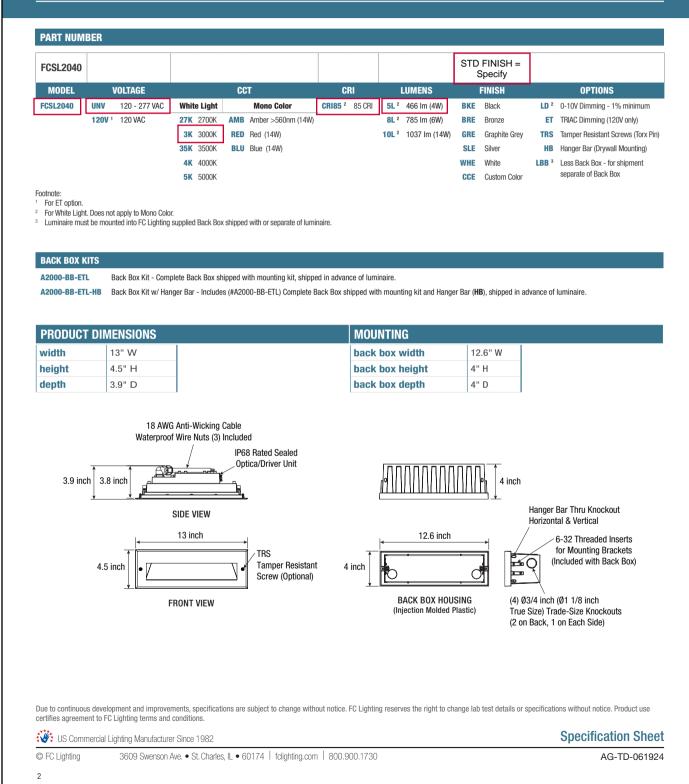
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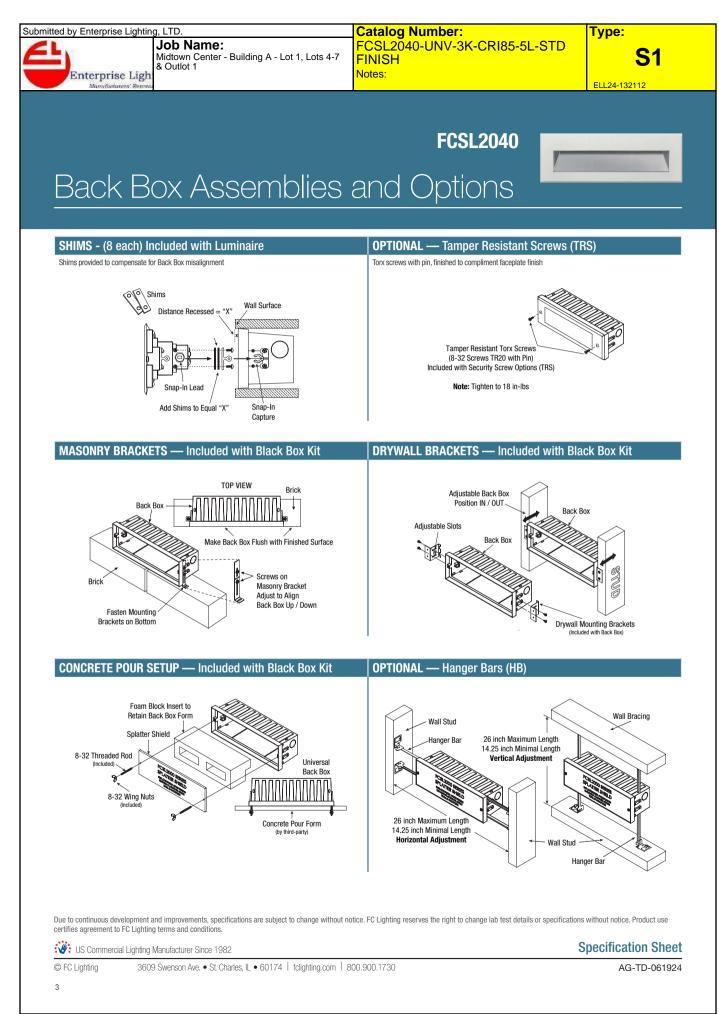
Submitted by Enterprise Lightin	g, LTD.	Catalog Number:	Type:
	Job Name: Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	FCSL2040-UNV-3K-CRI85-5L-STD FINISH Notes:	<b>S1</b>

# **FCSL2040**



# Ordering Information





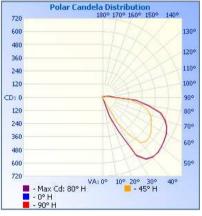
Submitted by Enterprise Lighting, LTD.	Catalog Number:	Type:
Job Name: Midtown Center - Build & Outlot 1	- Lot 1, Lots 4-7 FINISH Notes:	<b>S1</b> ELL24-132112

# FCSL2040



# Photometry

lumen output	1037 lm	785 lm	466 lm
power consumption	14W	6W	4W



**itl** illuminations testing laboratory : Report #3751, #3752, #3753

Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.

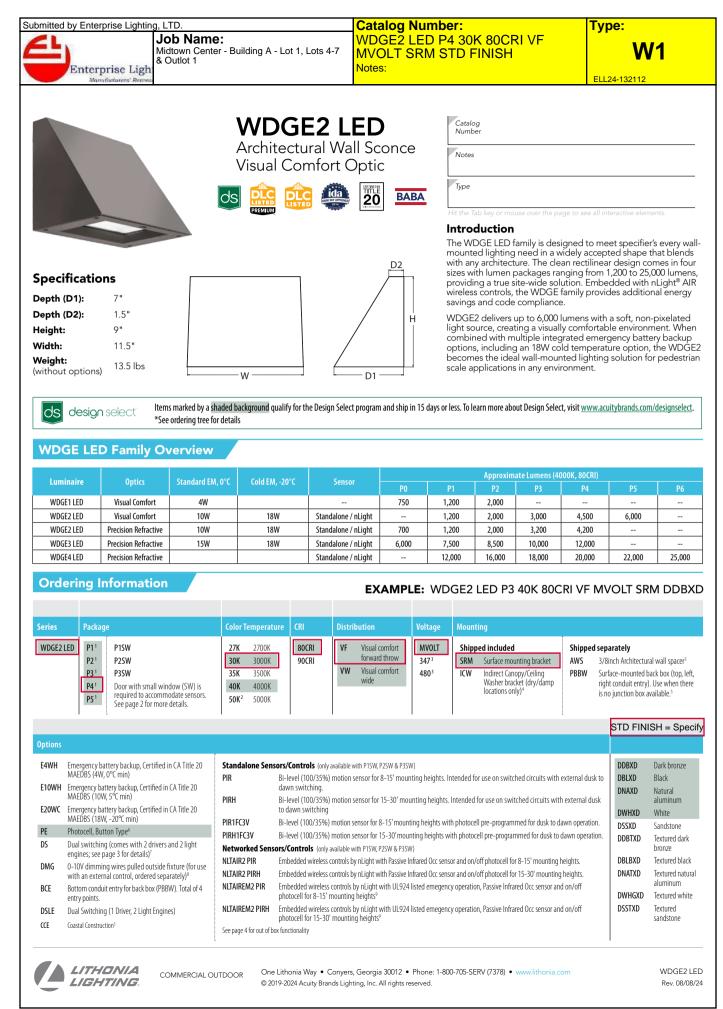
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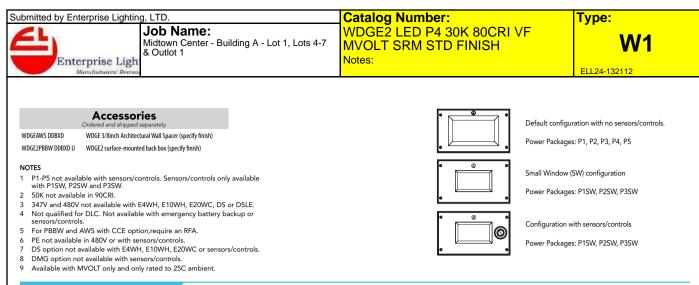
US Commercial Lighting Manufacturer Since 1982

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AG-TD-061924

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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.

Performance	System	Dict Tuno	27	K (2700K	, 80 C	RI)		30	K (3000K	, 80 CI	RI)		35	K (3500K	, 80 C	RI)		40	K (4000K	, 80 C	RI)		50	K (5000K	, 80 C	RI)	
Package	Ŵatts	Dist. Type	Lumens	LPW	В	U		Lumens	LPW	В		G	Lumens	LPW	В	U	G	Lumens	LPW		U	G	Lumens	LPW	В	U	G
D1 / D1CW	1014	VF	1,166	119	0	0	0	1,209	123	0	0	0	1,251	128	0	0	0	1,256	128	0	0	0	1,254	128	0	0	0
P1 / P1SW	10W	VW	1,197	122	0	0	0	1,241	126	0	0	0	1,284	131	0	0	0	1,289	131	0	0	0	1,286	131	0	0	0
P2 / P2SW	15W	VF	1,878	129	1	0	0	1,947	134	1	0	0	2,015	139	1	0	0	2,023	139	1	0	0	2,019	139	1	0	0
PZ/PZ3W	1244	VW	1,927	133	1	0	0	1,997	137	1	0	0	2,067	142	1	0	0	2,075	143	1	0	0	2,071	143	1	0	0
P3 / P3SW	23W	VF	2,908	129	1	0	0	3,015	134	1	0	0	3,119	138	1	0	0	3,132	139	1	0	0	3,126	139	1	0	0
F3/F33W	23 W	VW	2,983	132	1	0	0	3,093	137	1	0	0	3,200	142	1	0	0	3,213	143	1	0	0	3,206	142	1	0	0
P4	35W	VF	4,096	117	1	0	1	4,247	121	1	0	1	4,394	126	1	0	1	4,412	126	1	0	1	4,403	126	1	0	1
F4	3344	VW	4,202	120	1	0	0	4,357	125	1	0	1	4,508	129	1	0	1	4,526	129	1	0	1	4,517	129	1	0	1
P5	48W	VF	5,567	115	1	0	1	5,772	119	1	0	1	5,972	123	1	0	1	5,996	124	1	0	1	5,984	124	1	0	1
C1	40 W	vw	5,711	118	1	0	1	5,921	122	1	0	1	6,127	126	1	0	1	6,151	127	1	0	1	6,139	127	1	0	1

## **Electrical Load**

Performance	Custom Watte			Curre	nt (A)		
Package	System Watts	120V	208V	240V	277V	347V	
P1 / P1SW	10W	0.082	0.049	0.043	0.038		
ri/risw	13W					0.046	0.033
P2 / P2SW	15W	0.132	0.081	0.072	0.064		-
r2/r25W	18W					0.056	0.041
P3 / P3SW	23W	0.195	0.114	0.100	0.088		-
r3/r33W	26W					0.079	0.058
D4	35W	0.302	0.175	0.152	0.134		-
P4	38W					0.115	0.086
P5	48W	0.434	0.241	0.211	0.184		
c1	52W					0.157	0.119

### Lumen Multiplier for 90CRI

ССТ	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

### Lumen Output in Emergency Mode (4000K, 80 CRI)

Dist. Type	Lumens				
VF	646				
VW	647				
VF	1,658				
VW	1,701				
VF	2,840				
VW	2,913				
	VF VW VF VW VF				

# Lumen Ambient Temperature (LAT) Multipliers

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

Am	bient	Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

### **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).

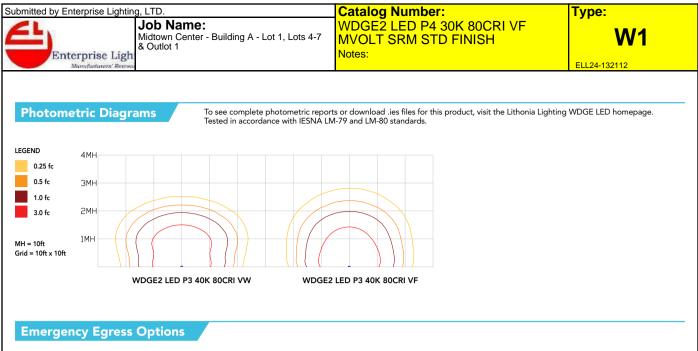
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91



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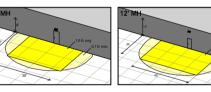
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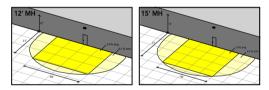
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E10WH or E20WC and VF distribution.

 $Grid = 10ft \times 10ft$ 



WDGE2 LED xx 40K 80CRI VF MVOLT E10WH

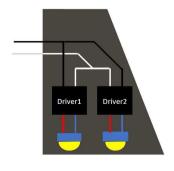


WDGE2 LED xx 40K 80CRI VF MVOLT E20WC

### **Dual Switching (DS) Option**

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark.

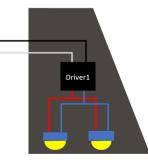
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



## **Dual Switching Light Engine (DSLE) Option**

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Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



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Submitted by Enterprise Lighting	g, LTD.	Catalog Number:	Type:
	Midtown Center - Building A - Lot 1, Lots 4-7 & Outlot 1	WDGE2 LED P4 30K 80CRI VF MVOLT SRM STD FINISH Notes:	W1
Manufacturers' Represe			ELL24-132112

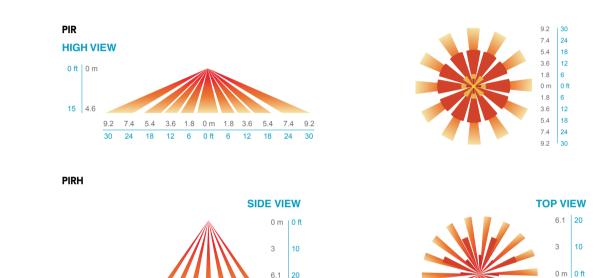
# Control / Sensor Options

### Motion/Ambient Sensor (PIR\_, PIRH\_)

Motion/Ambeint sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

### Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY<sup>™</sup> Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.



9.1 **30** 12.2 **40** 

Option	Dim Level	High Level (when triggered	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

6.1

20

0 m

0 ft

20

## UL 924 Response - nLight AIR Devices with EM Option

- NLTAIREM2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-powersensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.

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3 10

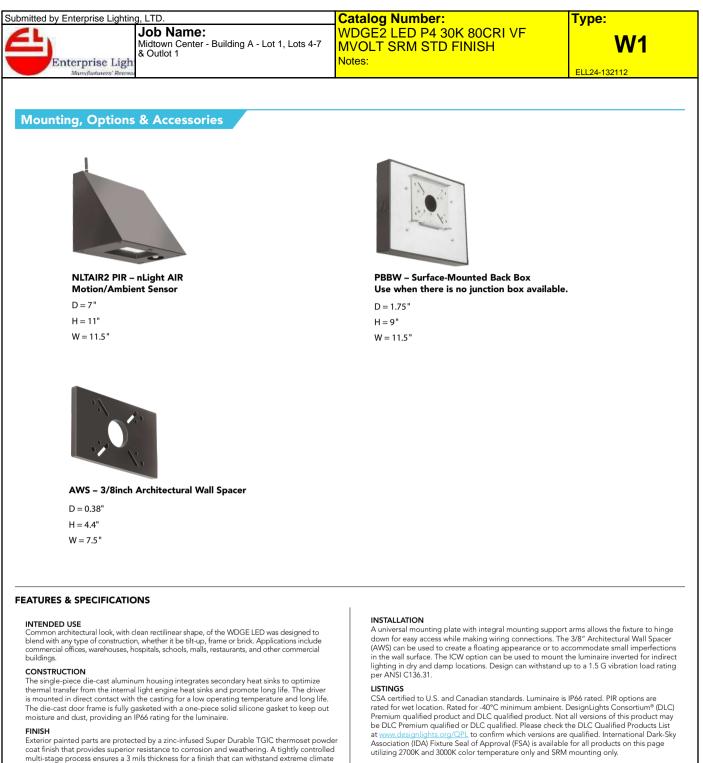
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Submitted On: Sep 5, 2024

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### GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

**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.

# wasteful uplight.

finishes

OPTICS

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating

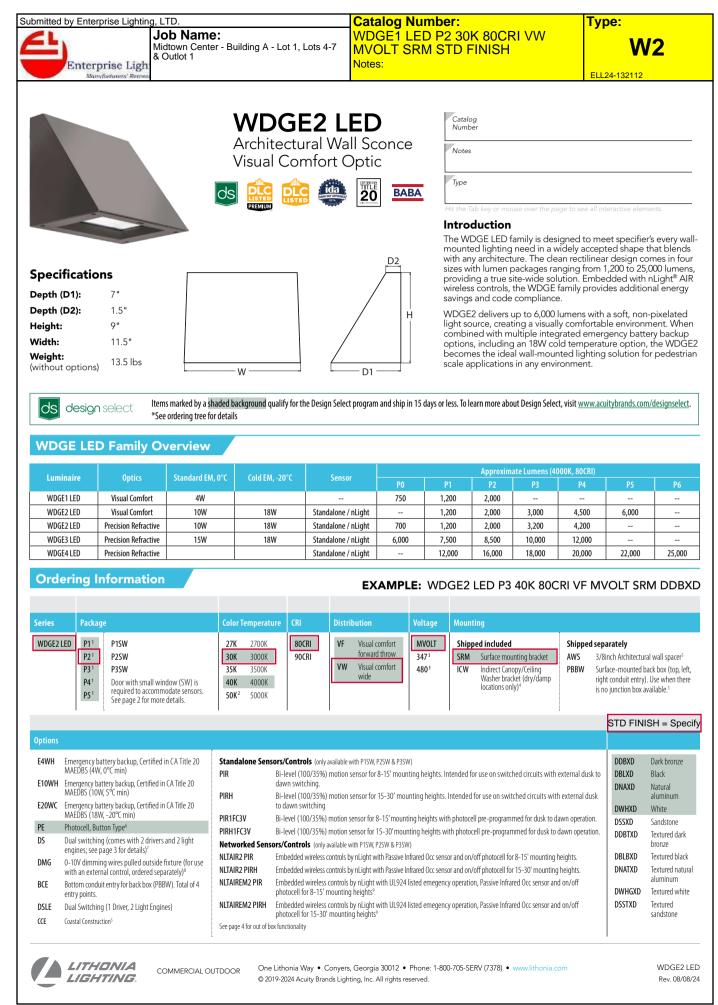
changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured

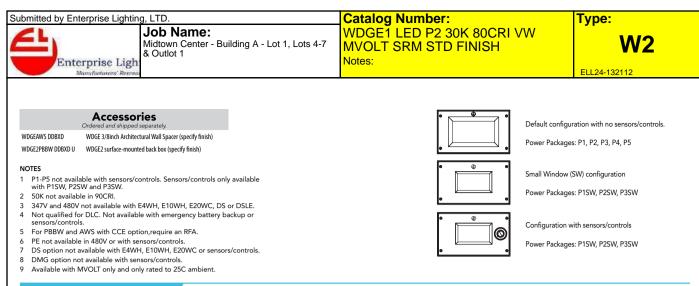
Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount

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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.

Performance	System	D' L T	27	K (2700K	, 80 Cl	RI)		30	K (3000K	, 80 CI	RI)		35	K (3500K	, 80 C	RI)		40	K (4000K	, 80 C	RI)		50	)K (5000K	, 80 C	RI)	
Package	Ŵatts	Dist. Type	Lumens	LPW	В	U	G	Lumens	LPW	В	U	G	Lumens	LPW	В	U	G	Lumens	LPW	В	U	G	Lumens	LPW	В	U	G
P1/P1SW	10W	VF	1,166	119	0	0	0	1,209	123	0	0	0	1,251	128	0	0	0	1,256	128	0	0	0	1,254	128	0	0	0
PT/PISW	1000	VW	1,197	122	0	0	0	1,241	126	0	0	0	1,284	131	0	0	0	1,289	131	0	0	0	1,286	131	0	0	0
P2 / P2SW	15W	VF	1,878	129	1	0	0	1,947	134	1	0	0	2,015	139	1	0	0	2,023	139	1	0	0	2,019	139	1	0	0
PZ/PZ5W	1244	VW	1,927	133	1	0	0	1,997	137	1	0	0	2,067	142	1	0	0	2,075	143	1	0	0	2,071	143	1	0	0
P3 / P3SW	23W	VF	2,908	129	1	0	0	3,015	134	1	0	0	3,119	138	1	0	0	3,132	139	1	0	0	3,126	139	1	0	0
F3/F33W	23 W	VW	2,983	132	1	0	0	3,093	137	1	0	0	3,200	142	1	0	0	3,213	143	1	0	0	3,206	142	1	0	0
P4	35W	VF	4,096	117	1	0	1	4,247	121	1	0	1	4,394	126	1	0	1	4,412	126	1	0	1	4,403	126	1	0	1
F#	3344	VW	4,202	120	1	0	0	4,357	125	1	0	1	4,508	129	1	0	1	4,526	129	1	0	1	4,517	129	1	0	1
P5	48W	VF	5,567	115	1	0	1	5,772	119	1	0	1	5,972	123	1	0	1	5,996	124	1	0	1	5,984	124	1	0	1
C I	40 W	vw	5,711	118	1	0	1	5,921	122	1	0	1	6,127	126	1	0	1	6,151	127	1	0	1	6,139	127	1	0	1

## **Electrical Load**

Performance	Custom Watte			Curre	nt (A)		
Package	System Watts	120V	208V	240V	277V	347V	
P1 / P1SW	10W	0.082	0.049	0.043	0.038		
ri/risw	13W					0.046	0.033
P2 / P2SW	15W	0.132	0.081	0.072	0.064		-
F2/F25W	18W					0.056	0.041
P3 / P3SW	23W	0.195	0.114	0.100	0.088		-
r3/r33W	26W					0.079	0.058
D4	35W	0.302	0.175	0.152	0.134		-
P4	38W					0.115	0.086
P5	48W	0.434	0.241	0.211	0.184		
c1	52W					0.157	0.119

### Lumen Multiplier for 90CRI

ССТ	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898
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### Lumen Output in Emergency Mode (4000K, 80 CRI)

Dist. Type	Lumens
VF	646
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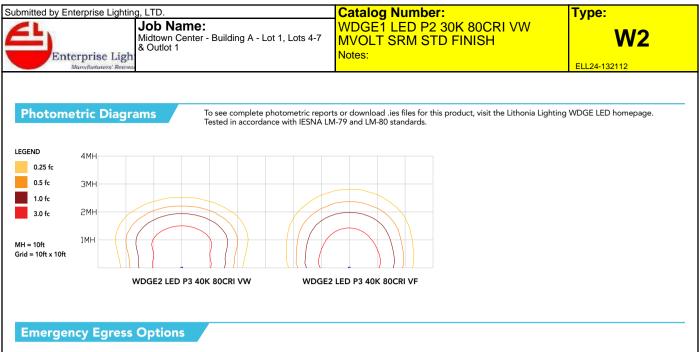
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Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91



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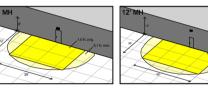
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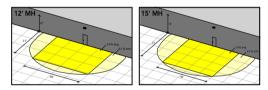
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Grid = 10ft x 10ft



WDGE2 LED xx 40K 80CRI VF MVOLT E10WH

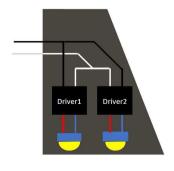


WDGE2 LED xx 40K 80CRI VF MVOLT E20WC

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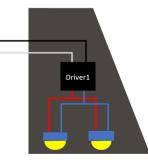
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		Type:
	WDGE1 LED P2 30K 80CRI VW MVOLT SRM STD FINISH Notes:	W2
Manufacturets' Repres		ELL24-132112

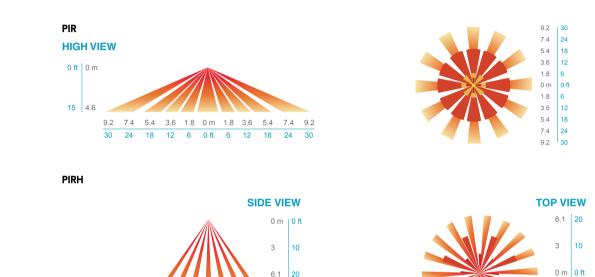
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9.1 **30** 12.2 **40** 

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6.1

20

0 m

0 ft

20

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3 10

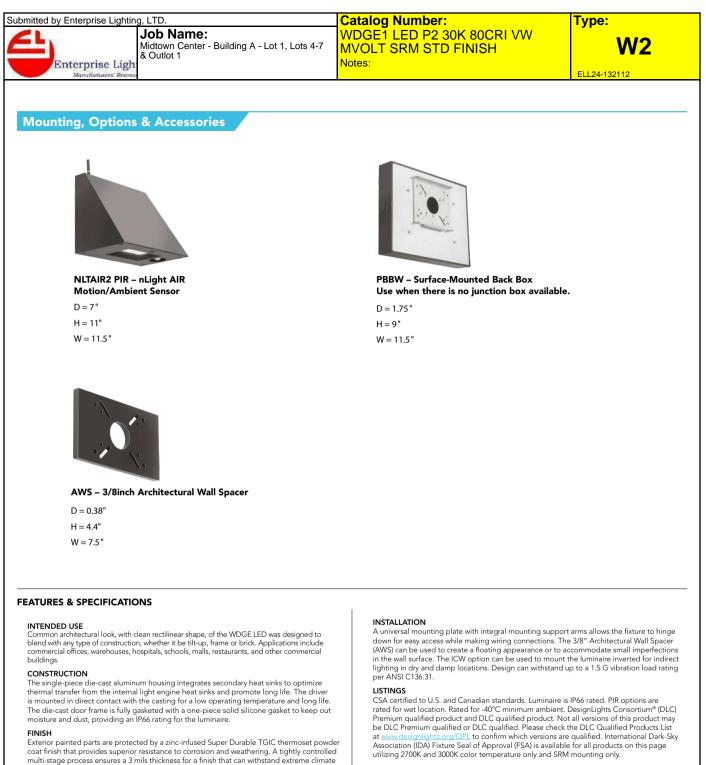
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### GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to <u>www.acuitybrands.cor</u> uy-american for additional information

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OPTICS

. wasteful uplight.

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