V3 - SDP-23-04

	EXTERIOR MA	ATERIALS SCH	HEDULE
	(NOT ALL MATERIA	ALS IN SCHEDULE	ARE USED)
NO.	MATERIAL	MANUFACTURER	COLOR
MR-1	MEMBRANE ROOFING	DUROLAST	WHITE
C-1	PREFINISHED ALUMINUM CANOPY	MAPES LUMISHADE CANOPY	MATTE BLACK BAKED ENAMEL W REAR GUTTER CONNECTIONS
WDS-1	WOOD LOOK SIDING	NICHIHA	VINTAGE WOOD - CEDAR (AWP3030-VERTICAL INSTALLATION)
S-1	ALUMINUM STOREFRONT GLAZING	KAWNEER	451T VG - #29 BLACK FINISH
P-3	EXTERIOR HM DOORS, FRAMES, TRASH ENCLOSURE GATE, GRAVEL GUARDS, AND LIGHT POLES	SHERWIN WILLIAMS	SILVER PAINTED TRICORN BLACK SW6258
N-1	VINTAGE BRICK	NICHIHA	VINTAGE BRICK PAINTED SHERW WILLIAMS SW7006 EXTRA WHITE
ST-1	STUCCO CORNICE	SHERWIN WILLIAMS	MATCH COLOR TO PASSIVE-SW 7







VINTAGE WOOD CEDAR

WHITE SW7006

SW6258

STUDIO

TEL: 479.579.9959

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CLIENT NAME

801 EAST BLVD. CHARLOTTE, NC 28203

7-ELEVEN

0

93

<u>MEP CONSULTANT</u> BUF STUDIO

702 SE 5TH STREET, STE 30

CONTACT: ANDREW D. FINNEGAN

PROTO:9350-CST-2022-01

BENTONVILLE, AR 72712

CROSLAND SOUTHEAST

702 SE 5TH ST. SUITE 30

remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in

Contractor is responsible for confirming and correlating dimensionat job site; the Architect will not be responsible for construction

means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the project.

3200 HACKBERRY RD, IRVING, TX 75063

writing & with appropriate compensation to the Architect.

BENTONVILLE, AR 72712

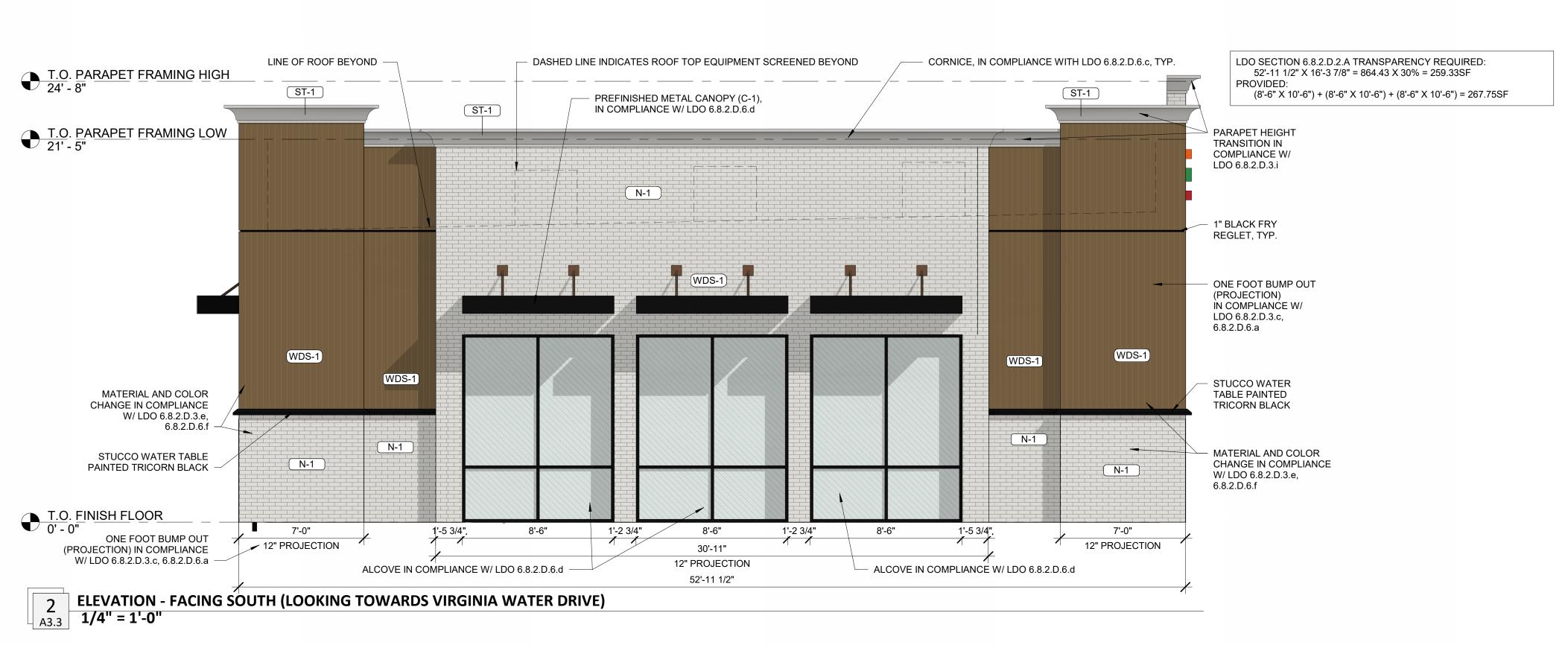
Blank wall area is regulated per LDO Section 6.8.2.C.1.

Blank wall areas have been revised. Please see updated elevations and comment responses on this sheet.

See written comment

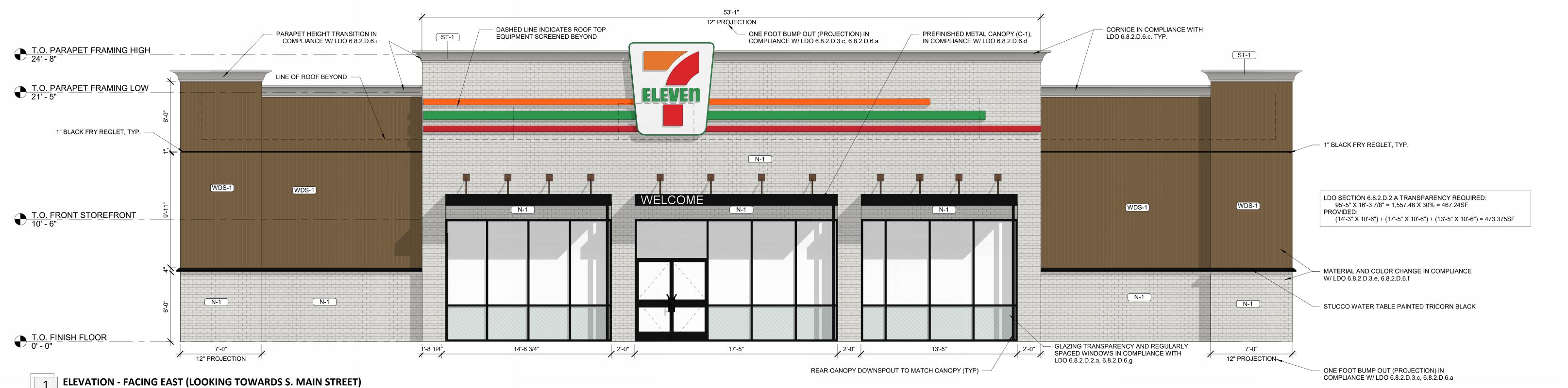
To ensure visually interesting buildings of high-quality visual design, a minimum of four (4) design items noted in LDO Section 6.8.2.D.6 shall be utilized in building design

A minimum of 4 design items have been incorporated. Please see updated elevations and comment responses on this sheet.



COMMENT #10: LDO SECTION 6.8.2.B. – APPLICABILITY – BUILDING DESIGN STANDARDS SHALL BE REQUIRED ON ALL WALLS OF A BUILDING THAT FACE A PUBLIC STREET OR RIGHT-OF-WAY. THIS SECTION THUS APPLIES TO THE WALLS OF THE PROPOSED BUILDING FACING MAIN STREET AND VIRGINIA WATER DRIVE ONLY. RESPONSE: ACKNOWLEDGED. SEE UPDATED EXTERIOR ELEVATIONS FACING MAIN STREET AND VIRGINIA WATER DRIVE. COMMENT #11: LDO SECTION 6.8.2.C.1 AND 6.8.2.D.3 – BLANK WALL AREA – DEFINED AS "BLANK WALL AREAS ARE PORTIONS OF AN EXTERIOR FAÇADE THAT DOES NOT INCLUDE WINDOWS, DOORS, COLUMNS, PILASTERS, ARCHITECTURAL FEATURES GREATER THAN ONE (1) FOOT IN DEPTH, OR A SUBSTANTIAL MATERIAL CHANGE." A. 6.8.2.D.3.A. – PAINT IS NOT CONSIDERED A SUBSTANTIAL MATERIAL CHANGE. B. 6.8.2.D.3.C – THE MAXIMUM CONTINUOUS BLANK WALL AREA FOR ANY BUILDING SHALL BE A MAXIMUM FIFTY (50) SQUARE FEET WITHOUT A BREAK BY WINDOWS, DOORS, ARCHITECTURAL FEATURES GREATER THAN ONE (1) FOOT IN DEPTH, OR A SUBSTANTIAL MATERIAL CHANGE, UNLESS EXPLICITLY STATED ELSEWHERE IN THIS LDO. C. SEE MARK-UP - REVISE DRAWING TO PROVIDE DIMENSIONS THAT SHOW/PROVE EITHER THERE ARE NO BLANK WALL AREAS, OR REVISE DRAWINGS TO BREAK UP THE TECHNICALLY BLANK WALL AREAS. D. NOTE: IF THESE BLANK WALL AREAS ARE THE INTENDED LOCATIONS OF (FUTURE) SINGS, DRAW IN 'BOXES' FOR "FUTURE SIGN HERE" AND EXPLAIN IF/THAT THOSE SIGNS WILL BE DIMENSIONAL AND MEET THE INTENTS OF THE ARCHITECTURAL MEANS TO BREAK UP A BLANK WALL AREA, BUT WITH SIGNAGE RATHER THAN ARCHITECTURE. RESPONSE: ACKNOWLEDGED. SEE UPDATED EXTERIOR ELEVATIONS FOR COMPLIANCE TO LDO SECTION 6.8.2.C.1 AND 6.8.2.D.3. ONE FOOT DEEP BUMP OUTS WERE ADDED TO ALL FOUR CORNER OF THE BUILDING TO ELIMINATE THE BLANK WALL AREAS AND ADD HORIZONTAL AND VERTICAL BREAKS. A. ACKNOWLEDGED. SEE EXTERIOR ELEVATIONS FOR COMPLIANCE WITH LDO SECTION 6.8.2.D.3.A THAT DEMONSTRATE MATERIAL B. SEE UPDATED EXTERIOR ELEVATIONS FOR COMPLIANCE OF LDO SECTION 6.8.2.D.3.C. THE FOLLOWING DESIGN ITEMS HAVE BEEN ADDED TO COMPLY WITH 6.8.2.D.6 LETTERS A, C, D, E, F, G, AND I. BUMP OUTS, CHANGES IN HEIGHT OF THE WALL, MATERIAL CHANGES, AWNINGS, CORNICES AND ALCOVES. C. SEE UPDATED EXTERIOR ELEVATIONS FOR REVISED DEPTH CHANGES AND HORIZONTAL AND VERTICAL BREAKS. DIMENSIONS HAVE BEEN PROVIDED FOR MINIMUM ONE FOOT DEPTH CHANGE. COMMENT #12: LDO SECTION 6.8.2.D.2 – REVISE SHEET A3.3 TO DEMONSTRATE COMPLIANCE; GROUND FLOOR TRANSPARENCY SHALL BE CALCULATED BASED ON THE TOTAL FAÇADE AREA LOCATED BETWEEN THE FINISH GROUND FLOOR LEVEL AND BEGINNING OF THE UPPER FLOOR. ALL GROUND FLOOR TRANSPARENCY SHALL BE A MINIMUM THIRTY (30) PERCENT, UNLESS STATED OTHERWISE IN THIS LDO. RESPONSE: SHEET A3.3 AND A3.4 HAS BEEN UPDATED TO INCLUDE TRANSPARENCY INFORMATION CONCERNING THE ELEVATION FACING MAIN STREET AND VIRGINIA WATER DRIVE, IN ACCORDANCE WITH LDO SECTION 6.8.2.D.2. THE TRANSPARENCY HAS A MINIMUM OF 30%. COMMENT #13: LDO SECTION 6.8.2.D.6 – REVISE SHEET A3.3 TO PROVIDE/SHOW MINIMUM OF FOUR (4) DESIGN ITEMS NOTED IN THIS SECTION TO ENSURE VISUALLY INTERESTING BUILDINGS OF HIGH-QUALITY VISUAL DESIGN. RESPONSE: SEE SHEET A3.3 AND A3.4 FOR CHANGES MADE IN ACCORDANCE WITH LDO SECTION 6.8.2.D.6. THE FOLLOWING DESIGN ITEMS HAVE BEEN ADDED TO COMPLY WITH 6.8.2.D.6 LETTERS A, C, D, E, F, G, AND I. BUMP OUTS,

CHANGES IN HEIGHT OF MATERIAL, MATERIAL CHANGES, AWNINGS, CORNICES, AND ALCOVES.



Architect Name - RYAN FAUST Architect Number - 14521

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NO. DATE DESCRIPTION 07/07/23 ADD1

Project #: Drawing Size: 30 x 42 Drawn By: Checked By: CCMB Title:

> **EXTERIOR COLORED ELEVATIONS**

Sheet Number: A3.3

Date: 04/27/23 Store #: 42337

SOFTEN SCALE OF A BUILDING.

EXTERIOR MATERIALS SCHEDULE (NOT ALL MATERIALS IN SCHEDULE ARE USED) MATERIAL MANUFACTURER DUROLAST WHITE MR-1 MEMBRANE ROOFING MATTE BLACK BAKED ENAMEL W/ PREFINISHED ALUMINUM CANOPY MAPES LUMISHADE REAR GUTTER CONNECTIONS CANOPY WDS-1 WOOD LOOK SIDING NICHIHA VINTAGE WOOD - CEDAR (AWP3030-VERTICAL INSTALLATION) S-1 ALUMINUM STOREFRONT GLAZING KAWNEER 451T VG - #29 BLACK FINISH EXTERIOR HM DOORS, FRAMES, SHERWIN SILVER PAINTED TRICORN BLACK -P-3 TRASH ENCLOSURE GATE, GRAVEL WILLIAMS SW6258 GUARDS, AND LIGHT POLES N-1 VINTAGE BRICK VINTAGE BRICK PAINTED SHERWIN WILLIAMS SW7006 EXTRA WHITE MATCH COLOR TO PASSIVE-SW 7064 STUCCO CORNICE SHERWIN WILLIAMS





SHERWIN WILLIAMS TRICORN BLACK SW6258

PAINTED EXTRA CEDAR WHITE SW7006

STUDIO

TEL: 479.579.9959

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<u>TENANT</u> 7-ELEVEN

CLIENT NAME

801 EAST BLVD. CHARLOTTE, NC 28203

<u>MEP CONSULTANT</u> BUF STUDIO

702 SE 5TH STREET, STE 30

CONTACT: ANDREW D. FINNEGAN

BENTONVILLE, AR 72712

CROSLAND SOUTHEAST

702 SE 5TH ST. SUITE 30

BENTONVILLE, AR 72712

Prawings & Specifications as instruments of service are & shall

Contractor is responsible for confirming and correlating dimension

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means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the project.

remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in

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REVISIONS NO. DATE DESCRIPTION

07/07/23 ADD1

Project #: Drawn By: Checked By:

Title:

EXTERIOR COLORED

ELEVATIONS

Sheet Number: A3.4

Date: 04/27/23 Store #: 42337

Blank wall area is regulated per LDO Section 6.8.2.C.1. See written comment

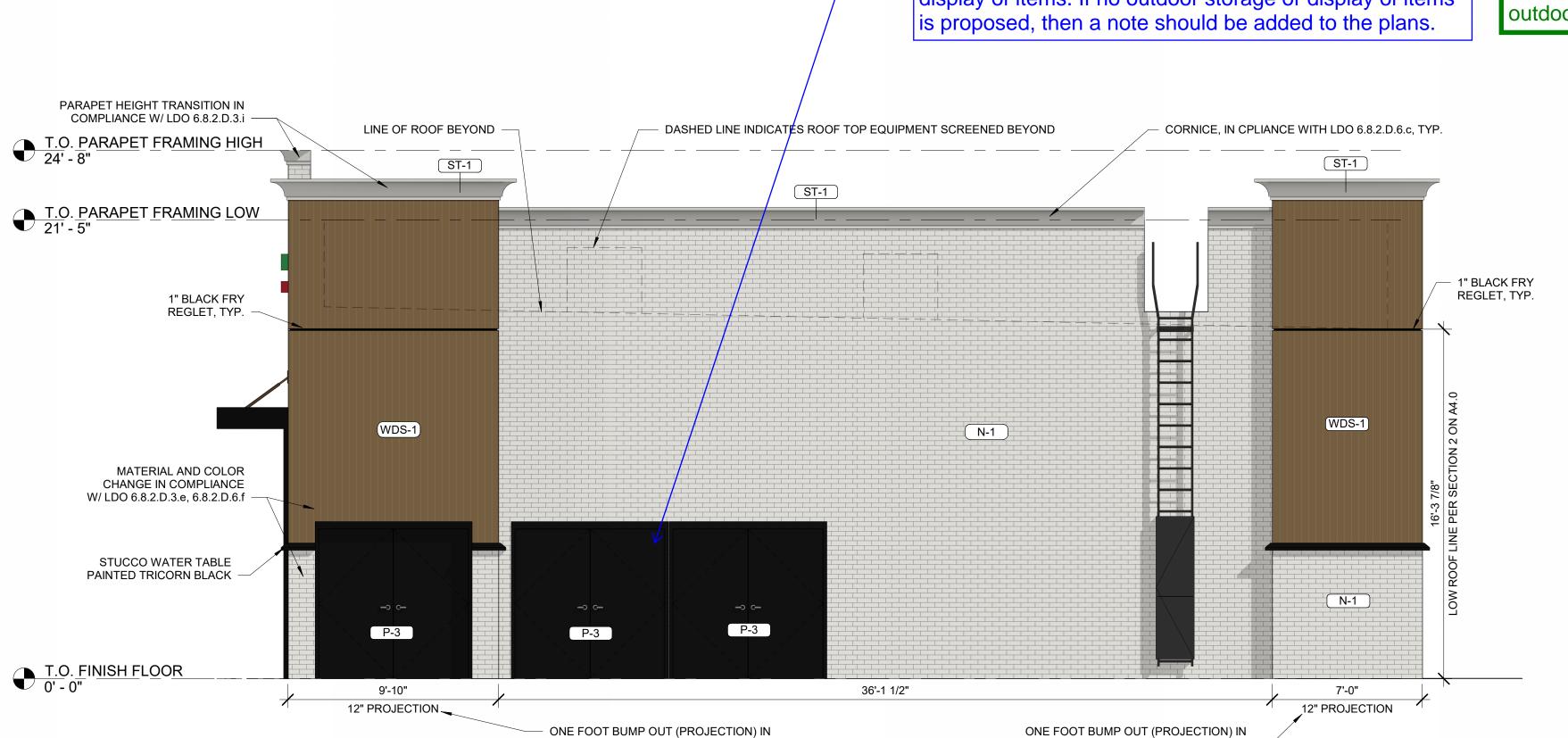
Blank wall areas have been revised. Please see updated elevations and comment responses on this sheet.

The applicant shall demonstrate compliance with the outdoor display and storage in Section 6.2.4.6.C as it appears there are ice coolers and areas for outdoor display of items. If no outdoor storage or display of items is proposed, then a note should be added to the plans.

COMPLIANCE W/ LDO 6.8.2.D.3.c, 6.8.2.D.6.a

These are doors to the electrical room, not

outdoor storage.



COMPLIANCE W/ LDO 6.8.2.D.3.c, 6.8.2.D.6.a

COMMENT #10: LDO SECTION 6.8.2.B. - APPLICABILITY - BUILDING DESIGN STANDARDS SHALL BE REQUIRED ON ALL WALLS OF A BUILDING THAT FACE A PUBLIC STREET OR RIGHT-OF-WAY. THIS SECTION THUS APPLIES TO THE WALLS OF THE PROPOSED BUILDING FACING MAIN STREET AND VIRGINIA WATER DRIVE ONLY. RESPONSE: ACKNOWLEDGED. SEE UPDATED EXTERIOR ELEVATIONS FACING MAIN STREET AND VIRGINIA WATER DRIVE.

To ensure visually interesting

be utilized in building design.

responses on this sheet.

buildings of high-quality visual design

noted in LDO Section 6.8.2.D.6 shall

A minimum of 4 design items have

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updated elevations and comment

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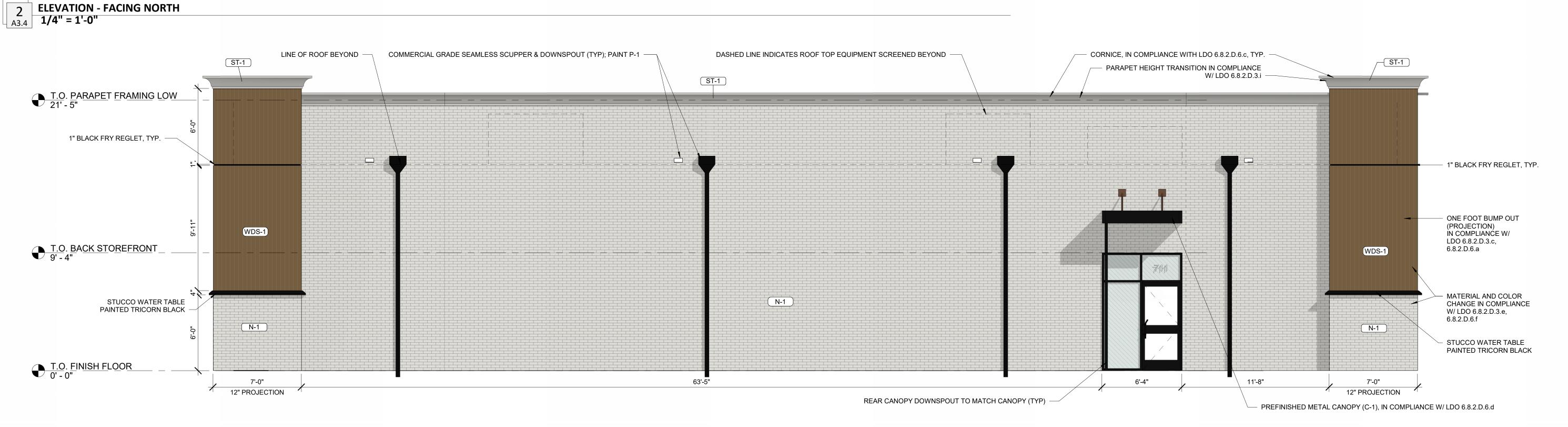
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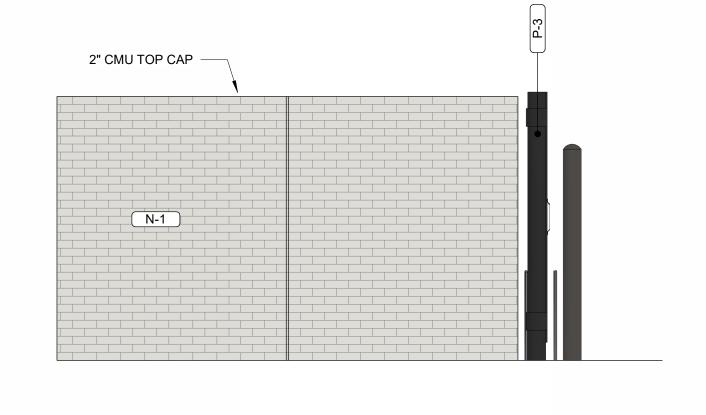
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CHANGES IN HEIGHT OF MATERIAL, MATERIAL CHANGES, AWNINGS, CORNICES, AND ALCOVES.



1 ELEVATION - FACING WEST 1/4" = 1'-0"

_ 2" CMU TOP CAP



5	SIDE TRASH ENCL. ELEVATION
A3.5	3/8" = 1'-0"

	EXTERIOR M	ATERIALS SCH	HEDULE
	(NOT ALL MATERIA	ALS IN SCHEDULE	ARE USED)
NO.	MATERIAL	MANUFACTURER	COLOR
MR-1	MEMBRANE ROOFING	DUROLAST	WHITE
C-1	PREFINISHED ALUMINUM CANOPY	MAPES LUMISHADE CANOPY	MATTE BLACK BAKED ENAMEL W/ REAR GUTTER CONNECTIONS
WDS-1	WOOD LOOK SIDING	NICHIHA	VINTAGE WOOD - CEDAR (AWP3030-VERTICAL INSTALLATION
S-1	ALUMINUM STOREFRONT GLAZING	KAWNEER	451T VG - #29 BLACK FINISH
P-3	EXTERIOR HM DOORS, FRAMES, TRASH ENCLOSURE GATE, GRAVEL GUARDS, AND LIGHT POLES	SHERWIN WILLIAMS	SILVER PAINTED TRICORN BLACK - SW6258
P-6	VINTAGE BRICK	NICHIHA	VINTAGE BRICK PAINTED SHERWIN WILLIAMS SW7006 EXTRA WHITE
CP-1	STUCCO CORNICE	SHERWIN WILLIAMS	MATCH COLOR TO PASSIVE-SW 706







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BENTONVILLE, AR 72712

STUDIO

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MEP CONSULTANT BUF STUDIO 702 SE 5TH STREET, STE 30

CONTACT:ANDREW D. FINNEGAN

PROTO:9350-CST-2022-01

9350

US 401

04/27/23 <u>Architect Name</u> - RYAN FAUST Architect Number - 14521

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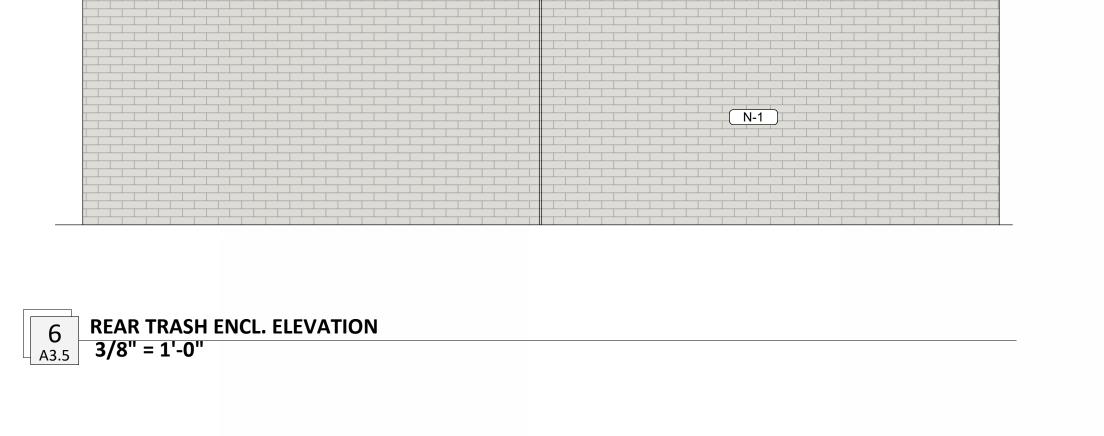
REVISIONS NO. DATE DESCRIPTION

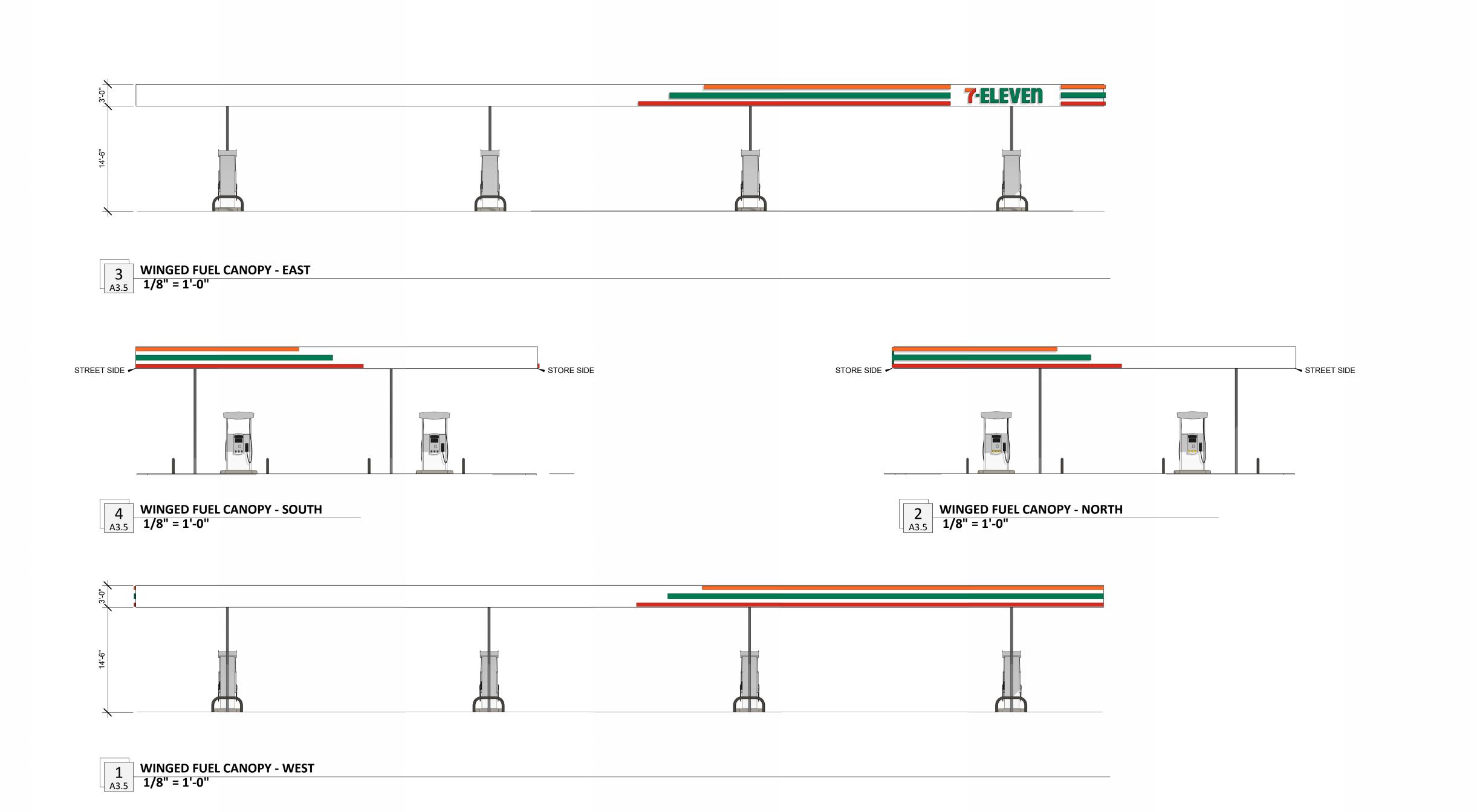
Drawing Size: Project #: 30 x 42 22050 Drawn By: Checked By:

EXTERIOR COLORED ELEVATIONS

Sheet Number: A3.5

Date: 04/27/23 Store #: 42337





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<u>TENANT</u>

7-ELEVEN 3200 HACKBERRY RD, IRVING, TX 75063

MEP CONSULTANT BUF STUDIO 702 SE 5TH STREET, STE 30 BENTONVILLE, AR 72712 CONTACT:ANDREW D. FINNEGAN

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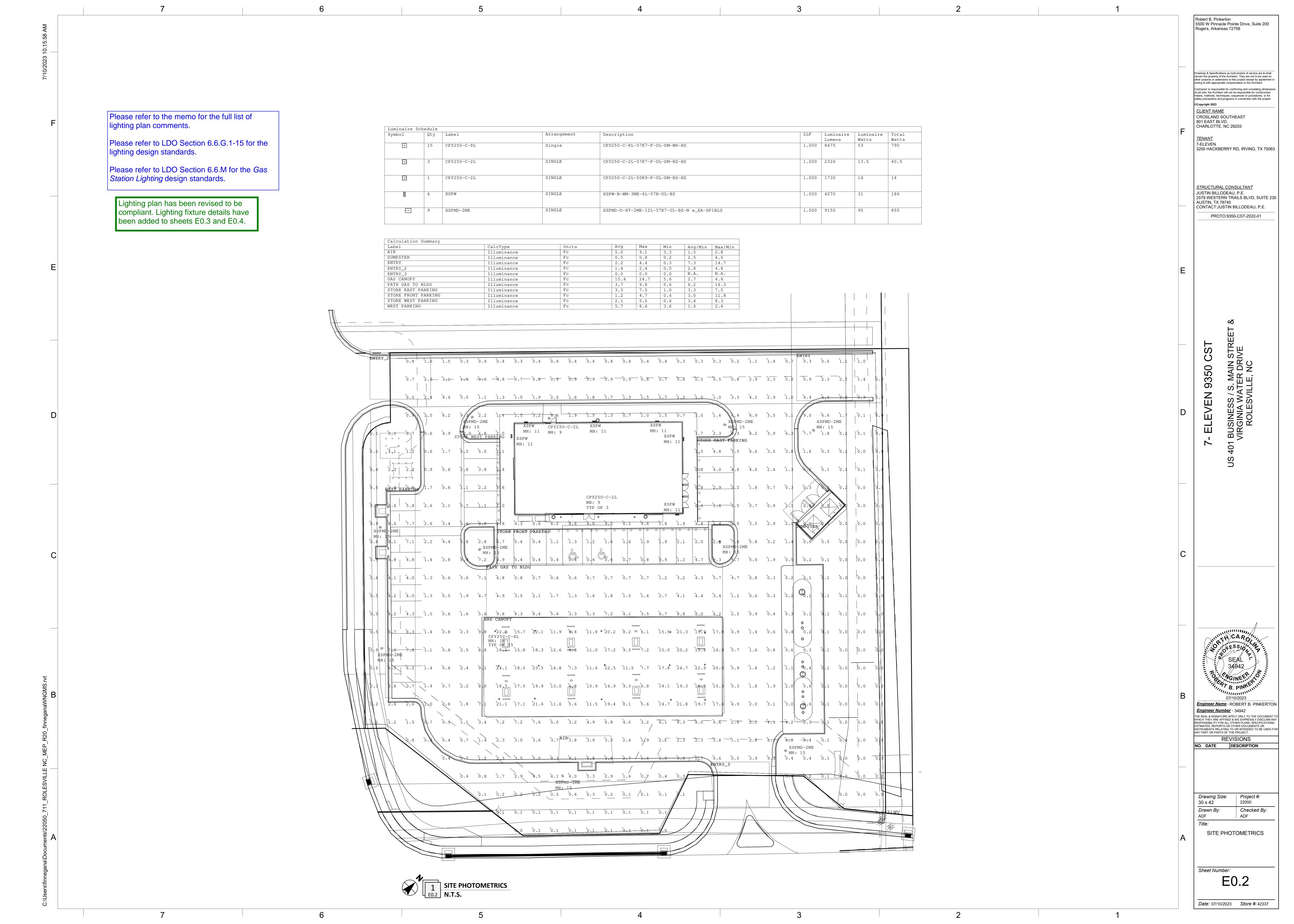
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REVISIONS NO. DATE DESCRIPTION

Drawing Size: Project #: 22050 *Drawn By:* HJW Checked By: CCMB

SHELL PLAN

Sheet Number: A3.6



XSP Series

Product Description

Performance Summary

Efficacy: Up to 125 LPW

CRI: Minimum 70 CRI

Backlight Centrel Shield

- Refer to initial delivered lumen tables

Ordering Information

Example: XSPMD-D-HT-2LG-12L-30K7-UL-5V-N

Asymmetric 12L
2LG+* 12,000
Type II Long
2ME**
Type II
Nedium
3ME**
Type III
Nedium
4ME**
Type IV
Nedium
Symmetric
Symmetric
SSH

NanoOptic® Precision Delivery Grid® optic

Initial Delivered Lumens: Up to 11,875

CCT: 3000K, 4000K, 5000K, 5700K

XSPMD LED Street/Area Luminaire - Medium

Designed from the ground up as a totally optimized LED street and area lighting system, the XSP Series

delivers incredible efficiency without sacrificing application performance. Beyond substantial energy

savings and reduced maintenance, Cree Lighting achieves greater optical control with our NanoOptic*

Precision Delivery Grid™ optic when compared to traditional cobra head luminaires. The XSP Series

is the better alternative for traditional street and area lighting with quick payback and improved

Limited Warranty': 10 years on luminaire; 10 years on Colorfast DeltaBuard® finish; up to 5 years

See http://constabiling.com/warranty for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.

CCT/CRI Voltage

* Reference IDPA and pale coefiguration suitability data on page 7

** Anallable with Backlight Shield when ordered with field-installed accessory (see table above)

*** Lumen Package cades identify approximate light sutput only. Actual Jumen output levels may vary depending on ECT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values.

| 3000K, 70 CRI | Universal | Black | Utility Labet and | 120-277V | 4000K, 70 CRI | UH | Bronze | SW | Silver | 247-830V | Silver | WH | STAND | CRI |

Utility Label/Receptacle Options

shorting cap by others! 09/08/07/04/06/04/03/02/01

Utility Label and NEMA® 7-Pin Photocell

factory connected to

Applications: Collector roads, major roads, parking lots, and general area spaces

Assembled in the USA by Cree Lighting from US and imported parts

for Synapse® accessories; 1 year on luminaire accessories

Rex. Date: V9 02/20/2023

NEMA 7-Pin Photocell Receptacle Location

Utility Label Location

DLI DALI Compatible

- Available with UL voltage only

- Not available with Q or X options

08/X7/X6/X5/X4/X3/X2/X1

CREE
LIGHTING

Small Four Bolt Mounting
- Nounts to 1.25" (32mm) IP, 1.66" (42mm) 0.D.

Large Four Balt Hounting

- Nourte to 2" [51mm] IP, 2.375" [60mm] 0.D. horizontal tenon

Field Adjustable Output

Nunt nelect 19, 08, 07, 06, 05, 04, 03, 02, or 01

Offers full range turner adjustability
Includes wortage table for setting selected
Refer to page 8 for power and lurner values

Luminaire may also be dimmed through 7-Pin receptacle with use of dimming control by ath

Locked Lumen Output
- Must select X8, X7, X5, X5, X6, X3, X2, or X1

selected
Includes wattage label for setting selected
Refer to page 8 for power and luman values
Dimming is only available through 7-Pin receptacle
with use of dimming control by others

XSPMD LED Street/Area Luminaire – Medium

Mounts on 1.25" (32mm) IP, 1.66" (42mm) 0.D. or 2" (51mm) IP, 2.375"

(60mm) O.D. horizontal tenon (minimum 8" (203mm) in length) and is

Luminaire secures with two 410 stainless steel mounting bolts; optional.

Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer

excellent resistance to corrosion, ultraviolet degradation and abrasion

Comes standard with Utility Label per ANSI C136.15-2020 and 7-pin

Integral 10kV/5kA surge suppression protection standard; 20kV/10kA

Designed with 0-10V dimming capabilities. Controls by others

Luminaires with DLI option are DALI compatible per IEC 62386

Operating Temperature Range: -40°C - +40°C [-40°F - +104°F]

 Certified to ANSI C136.31-2001, 3G bridge and overpass vibration ANSI C136.2 10kV/5kA (standard) and 20kV/10kA (optional) surge protection, tested in accordance with IEEE/ANSI C62.41.2

. Luminaire and finish endurance tested to withstand 5,000 hours of

 Dark Sky Friendly, IDA Approved when ordered with 30K7 CCT. Please refer to https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/ for most current information

Meets Buy American requirements within ARRA

RoHS compliant. Consult factory for additional details

CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.pi5wernings.ca.gor

US: creelighting.com (800) 236-6800

Canada: creelighting-canada.com (800) 473-1234

XSPMD LED Street/Area Luminaire - Medium

Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated

elevated ambient salt fog conditions as defined in ASTM Standard B 117 Assembled in the USA by Cree Lighting from US and imported parts

. When code dictates fusing, a slow blow fuse or type C/D breaker should

NEMA® Photocell Receptacle per ANSI C136.41

Input Voltage: 120-277V or 347-480V, 50/60Hz

Total Harmonic Distortion: < 20% at full load

surge suppression protection optional

REGULATORY & VOLUNTARY QUALIFICATIONS

with an ultra-durable black, bronze or silver powder topcoat, providing

adjustable +/- 5" to allow for fixture leveling lincludes two axis T-level to

Product Specifications

CONSTRUCTION & MATERIALS

Die cast aluminum housing

four point mounting available

Weight: 14.2 lbs. |6.4kgl

Power Factor: > 0.9 at full load

be used to address inrush

10V Source Current: 0.15mA

cULus Listed

Suitable for wet locations

ELECTRICAL SYSTEM

Tool-less entry

aid in leveling

Product Specifications

SYNAPSE* SIMPLYSNAP INTELLIGENT CONTROL

FOR NON-STREET LIGHTING APPLICATIONS ONLY

from networking requirements for street lighting applications.

Dimming Receptacle

- Provides On/Off switching, dimming, power metering, digital sensor input, and status monitoring of luminaire

Suitable for 120-680Y (UL and UH) voltage

metering, digital sensor input, and status

- Includes On-Site Controller ISS450-002) and

- Refer to <u>CBSSW-450-000</u> spec sheet for details

XSP Series (XSPMD) Ambient Adjusted Lumen Maintenance¹

5-button switch - Indoor and Dutsloor rated

Electrical Data*

Requires NEMA/ANSI C136.41 7-Pin Dimming

es On/Off switching, dimming, power

Refer to TL7-B2 spec sheet for details
Twist-Lock Lighting Controller

The XSP Series is competible with the Synapse® SimplySNAP platform. A highly intuitive connected

lighting solution for Site and Area applications only. The system features a reliable and robust self-

healing mesh network with a browser-based interface that runs on smartphones, tablets, and PCs.

code compliance and a better light experience for non-street lighting installations. SimplySNAP is

Synapse Wireless Control Accessories (for Non-Street Lighting Applications only)

Using a Twist-Lock Lighting Controller and Site Controller, SimplySnap provides: energy productivity,

optimized to create and manage networks for campus wide Area and Site applications which differs

Synapse Wireless Sensor WSN-DPM

- Motion and light sensor

Refer to WSN-DPM spec sheet for details SimplySNAP On-Site Controller

(Optional, for increased range, 8dB gain)

Hit includes antenna, 20' cable and bracket

- Hit includes antenna, 50' cable and bracket

- Kit includes antenna, 30' cable and bracket KIT-ANT600

Refer to <u>Buildoor antenna spec sheet</u> for details.

CT/ Natis 120-480V Wattage** 120V 200V 240V 277V 347V 480V

Asymmetric 1.03 1.02 1.00 0.98° 0.96° Symmetric 1.03 1.02 1.02 1.02° 1.02° 1.02° 1.02° 1.02° 1.02° 1.02° 1.02° 1.02° 1.02° 1.02° 1.01° 1.0

Asymmetric 1.01 1.00 0.58 0.56' Symmetric 1.01 1.01 1.00 1.00'

Asymmetric 1.00 0.59 0.57 0.55

Symmetric 1.00 0.59 0.59 0.99

drooms. accordance with IES TM-21, Reparted values represent interpolated values based on time durations that are to fix the tested duration in the IES LM-80 report for the LED. dimated values are calculated and represent time durations that exceed the fix test duration of the LED.

ner maintenance values at 25°C (17°F) are calculated per IESTM-21 based on IES LM-80 report data for the LED age and in-situ (aminaine testing, Luminaine ambient temperature factors (LATF) have been applied to all (umen s factors. Please refer to the <u>Temperature Zone Reference Document</u> for autidoor everage nightkinse ambie

CREE
LIGHTING

Designed for indoor applications

- Reguired for BACnet integratio

XSPMD LED Street/Area Luminaire - Medium

RESTL Test Report #: PL12765-0079

Type II Long Distribution

RESTL Test Report #1 PL12745-0088 XSPL8-D-**-2LS-24L-40K7-UL-**-N w/X4-SP28LS

Type II Long w/BLS Distribution

US: creelighting.com [800] 236-6800

Canada: creelighting-canada.com (800) 473-1234

Initial Delivered Lumens: 17,373

http://creelighting.com/products/outdoor/street-and-roadway/xsp-series

Mounting Height: 25' (T.Sm) A.F.G. Initial Delivered Lumens: 11,800 Initial FC at grade

Initial delivered lumens at 25°C (77°F). Actual production pield may sary behaven -10 and +10% of initial delivered lamens.
** Per more information on the ECS 800 (Blocklight-Uptight-Gland) Rating visit: https://www.ics.org/aps-content/uptopts/2007/00/TM.15-11810816

XSPMD-O=""-ZLG-12L-48KT-UL=""-N w/XA-SP18LS Maunting Height: 27 (7.6m) A.F.G. leital Delwared Lumens: 8,725 leital FC at grade

Initial delivered humans at 25°C (17°F). Actual production pield may vary between -10 and +10% of initial delivered lumens. ** For more information on the IES 8UO (Backlight-Uplight-Glare) Rating visit: https://www.ies.org.beg-content/uploads/7007

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:

BUG Initial BUG Initial BUG Ratings** Delivered Per TM-15-11 Lumens* Per TM-15-11 Lumens* Per TM-15-11 Lumens* BUG Ratings** Delivered Ratings** Per TM-15-11 Lumens* Per TM-15-11

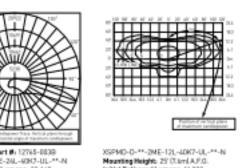
| BUG | Initial | BUG | Initial | BUG | Initial | BUG | Batings** | Delivered | Ratings** | Delivered | Per TM-15-11 | Lumens* | Per TM-15-11 | Bz uo gz | 8,725 | Bz uo gz | 8,800 | Bz uo gz | 8,800 | Bz uo gz |

83 U0 63 11,875

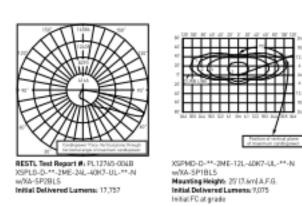
CREE

LIGHTING

CREE
LIGHTING



Type II Me	edium Distribu	tion						
	3000K		4000K	5000K			5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-1
12L	11,475	B2 U0 G2	11,800	B2 U0 G2	11,875	82 00 62	11,875	B2 U0 G2



Type II Me	edium w/BLS Di	stribution						
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15
12L	8,825	B1 U0 G2	9,075	B1 U0 62	9,150	B1 U0 G2	9,150	B1 U0 G2

US: creelighting.com (800) 236-6800

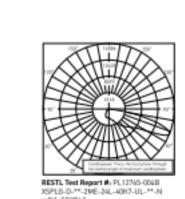
Canada: creelighting-canada.com (800) 473-1234

XSPMD LED Street/Area Luminaire - Medium

Field Adjustable Output (Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1) Option Description:

XSPMD LED Street/Area Luminaire - Medium

Type II Me	edium Distribu	ition						
	3000K		4000K	4000K			5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings Per TM
12L	11,475	B2 U0 G2	11,900	B2 U0 G2	11,875	82 00 62	11,875	B2 U0 G2



v/XA-SP29LS nitial Deliver	SP29LS Mounting Height: 27 (7.6m) A.F.G. Delivered Lumens: 17,757 Initial PC at grade							
Type II Me	edium w/BLS Di	stribution						
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Rating Per TN
12L	8,825	B1 U0 G2	9,075	B1 U0 G2	9,150	B1 U0 G2	9,150	B1 U0

Type II M	edium w/BLS D	istribution						
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15
12L	8,825	B1 U0 G2	9,075	B1 U0 G2	9,150	B1 U0 G2	9,150	B1 U0 G2

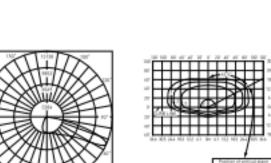
XSPMD LED Street/Area Luminaire – Medium

US: creelighting.com [800] 236-6800

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:



	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11						
12L	11,475	B2 U0 G2	11,800	82 U0 G2	11,875	82 U0 62	11,875	B2 U0 G2



XSPMD-D-**-3ME-12L-40K7-UL-**-N

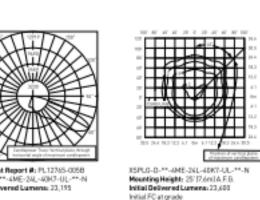
Type III M	ledium w/BLS	Distribution						
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-1
12L	8,150	B1 U0 G2	8,375	B1 U0 G2	8,425	B1 U0 G2	8,425	B1 U0 G2

	MAD DAY MAD GO AND GO AND
Gentlemen Nam Verland der Empf- son 1900 in 19	ESPMD-D-**-496-13L-60K7-UL-**-8 w(6A-SP18LS Mounting Height: 2517-6m1A F.B. Initial Delivered Lumena: 8,635 Initial FC at grade

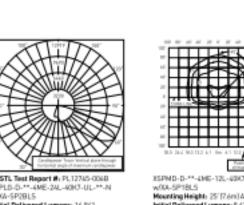
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-1
12L	8,375	B1 U0 G2	8,625	B1 U0 G2	8,675	B1 U0 G2	8,675	B1 U0 G2

XSPMD LED Street/Area Luminaire - Medium

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:

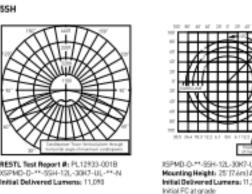


	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11						
12L	11,475	B2 U0 G2	11,800	B2 U0 G2	11,875	82 00 62	11,875	B2 U0 G2



Type IV M	edium w/BLS	Distribution						
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-1
12L	8,375	B1 U0 G2	8,625	B1 U0 G2	8,675	B1 U0 G2	8,675	B1 U0 G2

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:



Type V S	hort Distributi	on						
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUB Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUB Ratings** Per TM-15-11
12L	11,325	B4 U0 62	11,875	B4 U0 02	11,875	B4 U0 G2	11,875	84 U0 82

Horizontal Tenon Mount - Weigh	ft: 14.2 lbs. (6.4kg)			
Single	2@90"	2 @ 180"	3 8 90"	4890"
Tenon Configuration If used with	Cree Lighting tenons, please add t	enon EPA with luminaire EPA		
-■	-	■・■	7	
PD-1H4; PT-1H	PO-2H4[90]; PT-2H(90)	PD-2H4(180); PT-2H(180)	PD-3H4(90); PT-3H(90)	PD-4H4(90); PT-4H(90)
1.71	1.02	1.43	1.74	2.04

Tenon EPA		
Part Number	EPA	Tenons and Brackets' (must specify color)
PD Series Tenans	0.07	Square Internal Mount Horizontal Tenona (Aluminum) Round External Mount Horizontal Tenona (Aluminum)
PT Series Tenors	0.10	Mounts to 4" I102mml square aluminum or steel poles Mounts to 2:375"-3" (60-76mml 0.0), round aluminum or steel. PD-1H4 - Single
WM-2L	0.13	PD-244(90) - 90" Twin PD-444(90) - 90" Quad - Mounts to 3" (76mm), 4" (102mm), 5" (127mm), or 6" (152mm) PD-244(180) - 180" Twin square pole with PB-14" tenon
XA-TMDAB	0.19	Wall Mount Brackets PT-9H901 = 90" Triple PT-9H901 = 90" Triple PT-9H901 = 90" Twin PT-4H901 = 90" Quad
		- Mounts to wall or roof PT-2H(180) - 180* Twin WN-2L - Extended Harizontal.
		Direct Arm Pole Adaptor Bracket - Nounts to 3-6" (26-152mm) round or square aluminum or steel poles XA-TMDAR
		* Refer to the <u>Boardest and Tensors sizes sheet</u> for more details. "Specify pale size: 3 0"1, 4 (4"), 5 5"1, or 6 6") for single, double or triple luminaire orientation or 4 (4"), 5 65") or 6 60") for quad luminaire orientation.

US: creetighting.com (800) 236-6800 Canada: creelighting-canada.com (800) 473-1234 nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle. Locked Lumen Output (X8/X7/X6/X5/X4/X3/X2/X1) Option Description: The Locked Lumen Output option on this page permanently locks the lumen output on the XSP Series street and area luminaire to the setting selected. When ordered with the X option, the luminaire will be shipped from the factory at the lumen output setting selected, and will include a utility label that indicates the wattage, lumen output, and CCT of the setting selected. When this option is selected, the luminaire output is not able to be adjusted in the field except if a dimming control (by others) is used in the 7-Pin receptacle. Q & X Option Power & Lumen Data - 12L

The Field Adjustable Output option enables the street and area luminaire within the XSP Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to

			System Watts*			Luman	Volum'				Utility Label	
Q Option	XOption	CCT/CRI	System waste			LEIDAI	No.				Label Lum	orm
Setting	Setting		130-498V	SME/AME STOUSMEN	59H	2L6 w/BL5	2ME w/BLS	3ME w/BLS	4ME w/BLS	Label Wattage	STO/SWE/SWE/SWE/SWE	554
		3047		11,475	11,325	8,900	8,825	8,190	8,375		11000 L	11000
Q#	N/A/Fe/II	4097	*5	11,800	11,875	8.725	9,075	8.375	8.625	100		
ω.	Powerl	5097	"	11,875	11,875	8,800	9,150	8,425	8,675	100	12000 L	1200
		57K7		11,875	11,875	8,800	9,150	8,625	8,675			
		3097		11,125	10,975	8,225	8,575	7,900	8,125		11000 L	111
	100	4097	_	11,425	11,700	8,450	8,800	8,100	8,390		11000 L	121
Q8	305	5087	70	11,500	11,425	8,900	8,850	8,175	8,400	70		111
		5787]	11,500	11,425	8,500	8,850	8,175	8,400		12000 L	'"
		3097		10,650	10,500	7,875	8,200	7,550	7,775			
Q7		4897	85	10,990	11,225	8,100	8,425	7,775	8,000			,,
w	Х7	58K7	100	11,025	10,990	8,150	8,900	7,825	8,090	90	11000 L	"
		5787]	11,025	10,990	8,150	8,900	7,825	8,050			
		3097		10,325	10,290	7,650	7,950	7,325	7,525	80	10000 L	10
	G6 X6	4897	81	10,625	10,875	7,875	8,175	7,550	7,750			11800 L
G6	Xe	58K7		10,790	10,625	7,925	8,250	7,600	7,800		11000 L 1100	
		57K7	1	10,790	10,625	7,925	8,250	7,600	7,800			
		3887		9,525	9,375	7,050	7,325	6,775	6,950			9
	LOT.	4897]	9,775	10,025	7,225	7,525	6,950	7,125	20.	10000 L	
Q5	X5	5887	74	7,850	9,775	7,300	7,575	7,000	7,200	70		10000 L
		5797	1	9,850	9,775	7,300	7,575	7,000	7,200			
		38K7		8,925	8,825	6,600	6,875	6,325	6,525			
		48H7	67	9,175	9,400	6,900	7,075	4,525	6,700			١.
G/i	334	5087] "	9,250	9,200	6,950	7,125	6,575	6,750	70	9000 L	91
		579.7		9,250	9,200	6,850	7,125	6,575	6,750			
		3047		8,100	7,975	6,000	6,225	5,750	5,925			80
ш	ю	48K7		8,325	8,525	6,150	6,400	5,900	6,075	AD	8000 L	90
43		5087] ~	8,375	8,325	6,200	6,450	5,950	6,125		8000	a
		579.7		8,375	8,325	6,200	6,450	5,950	4,125			_ ~
		3047		7,350	7,250	5,450	5,650	5,225	5,375		7000 L	70
az	12	40117	54	7,550	7,750	5,575	5,825	5,350	5,500	50		
ue	72	50H7] "	7,625	7,575	5,650	5,875	5,425	5,575	560	8000 L	80
		97H7		7,825	7,575	5,650	5,875	5,425	5,575			
		3047		A,700	A.A25	4.940	5.150	4.760	4,990			

6,950 6,900 5,150 5,350 4,930 5,075 * Electrical and lumen data at 25°C (77°F). Actual waitage and lumen output may differ by +/-10% when operating between 128-277V or 367-988V +/-10% © 2023 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change

US: creelighting.com (800) 236-6800

Engineer Number - 34942 THE SEAL & SIGNATURE APPLY ONLY TO THE DOCUMENT T WHICH THEY ARE AFFIXED & WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS,

0.	DATE	DESCRIPTION

rawn By:	Checked By:
DF	ADF
itle:	
LIGHTING	FIXTURE
DETA	AILS

Sheet Number:

US: creelighting.com (800) 236-6800 Canada: creelighting-canada.com (800) 473-1234

Initial Delivered Lumens: 16,503

CREE
LIGHTING

US: creelighting.com (800) 236-6800

Canada: creelighting-canada.com (800) 473-1234

CREE
LIGHTING

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6,950 6,900 5,150 5,350 4,930 5,075

Engineer Name - ROBERT B. PINKERTON

Robert B. Pinkerton

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<u>TENANT</u>

7-ELEVEN

CLIENT NAME

801 EAST BLVD.

CROSLAND SOUTHEAST

CHARLOTTE, NC 28203

STRUCTURAL CONSULTANT

JUSTIN BILLODEAU, P.E.

AUSTIN, TX 78745

3

Rogers, Arkansas 72758

5500 W Pinnacle Pointe Drive, Suite 200

remain the property of the Architect. They are not to be used on

other projects or extensions to this project except by agreement in writing & with appropriate compensation to the Architect.

Contractor is responsible for confirming and correlating dimensions

3200 HACKBERRY RD, IRVING, TX 75063

2579 WESTERN TRAILS BLVD, SUITE 230

PROTO:9350-CST-2022-01

CONTACT:JUSTIN BILLODEAU, P.E.

at job site; the Architect will not be responsible for construction

means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the project.

		REV	ISIONS	
NO.	DATE		ESCRIPT	ION

Drawing Size: 30 x 42	Project #:
Drawn By:	Checked By:
ADF	ADF
Title:	

Electrical data at 25°C 177°F1. Actual waitage may differ by 4/- 10% when operating between 120-277V or 347-480V 4/- 10% 121. not are itable in 347-480V.

Initial Reported Reported Reported Reported LMF LMF

1.02 0.99 0.93 0.88 0.83

1.02 0.98 0.93 0.87 0.82

1.01 0.98 0.92 0.87 0.82

1.01 0.97 0.92 0.86 0.81

1.00 0.97 0.91 0.86 0.81

0.99 0.96 0.90 0.85 0.80

0.99 0.95 0.90 0.85 0.80

0.99 0.94 0.87 0.82 0.76

0.98 0.95 0.89 0.84 0.79

0.98 0.94 0.89 0.84 0.79

0.97 0.92 0.87 0.81 0.76

ames maintenance values at 25°C 177°FI are calculated per IES TN-21 based on IES LM-80 report data for the LED

aintenance factors. Please refer to the <u>Taraporature Zano Reference Document</u> for outdoor average night time ambiest

MOTE: Standard luminaires are UL rated at 40°C, and hazardous location luminaires are UL rated at

WARNING: Exceeding maximum operating temperature may result in thermal foldback

ardance with IES TM-31, Reported values represent interpolated values based on time durations that are up to fix ad duration in the IES LM-80 report for the LED.

CPY Series (Version C) Ambient Adjusted Lumen Maintenance¹

2L-21L Plywood/

2L-21L Metal -21L Plywood/

-13L Plywood/

2L-21L Metal

2L-13L Metal

2L-4L Metal.

Operating Temperature Range

Electrical Data*

10°C (50°F) 1.03

15°C (59°F) 1.02

35°C (95°F) 0.98

Direct Mount to Direct Mount to Sheet

Package Plywood Metal/Suspended

-60°C to +45°C -60°C to +50°C

-40°C to +45°C -40°C to +50°C

-40°C to +40°C -40°C to +45°C

-40°C to +40°C -40°C to +45°C

-40°C to +35°C -40°C to +40°C

25°C, but will operate in the ambients listed above

XSPW Series Ambient Adjusted Lumen Maintenance Factors1

Reported² Reported² Estimated³ LMF LMF LMF

rs. Please refer to the <u>Tereporature Jano Reference Document</u> for outdoor average night time ambi

nce with IES TM-31, Reported values represent interpolated values based on time durations that are tested duration in the IES LM-68 report for the LED.

CPY250® LED Canopy/Soffit Luminaire - Version C

All published luminaire photometric testing performed to IES LM-79 standards.

To obtain an IES file specific to your project consult: https://www.creelighting.com/products/outdoor/canopy-and-soffit/cpv250-series

CPY250-C-13L-57KT-0-UL-**-**-** Mounting Height: 15' [A.Smi] A.F.G. Initial Delivered Lumens: 13,790

CPY250-C-13L-57K7-F-UL-**.***
Mounting Height: 15' [A.Sm] A.F.G.
Initial Delivered Lumens: 14,015
Initial FC at grade

Drop Lens Distribution

Flat Lens Distribution

Photometry

RESTL Test Report #: PL16573-001A CPY250-C-13L-57K7-D-UL-**-**-** Initial Delivered Lumens: 13.260

RESTL Test Report #: PL16548-0055 CPY250-C-13L-57K7-F-UL-**-** Initial Delivered Lumens: 14,015

FLAT LENS

Robert B. Pinkerton

Rogers, Arkansas 72758

5500 W Pinnacle Pointe Drive, Suite 200

remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in

Contractor is responsible for confirming and correlating dimension

at job site; the Architect will not be responsible for construction

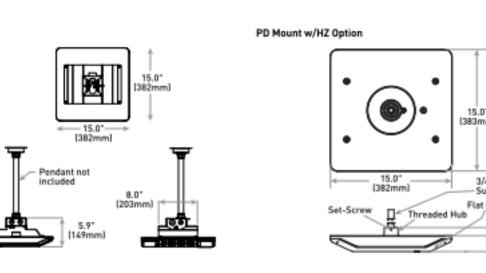
means, methods, techniques, sequences or procedures, or for

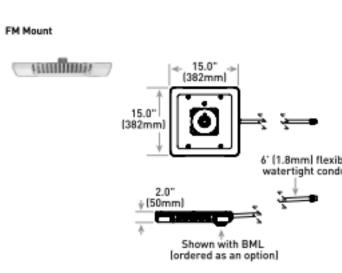
safety precautions and programs in connection with the project.

writing & with appropriate compensation to the Architect.

 \mathcal{C}

Flat Glass Lens





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All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:

Initial Delivered BUG Ratings**

Per TM-15-11

B1 U0 91

B1 U0 G2

B1 U0 B2

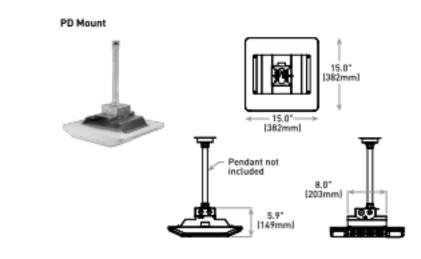
Mounting Height: 15' [4.6m] A.F.I. Initial Delivered Lumens: 8.475

8,475

nens at 25°C (77°F). Actual production yield may sary between -10 and +10% of initial delivered lamens tice on the RS 8UG (Blacklight-Uplight-Glare) Rating visit: <u>https://www.ins.org.kep-content/uploads/2017/03/TM-15-110UGHatings/delendum.pdf</u>

CREE
LIGHTING A COMPANY OF IDEAL INDUSTRIES, INC.

CPY250® LED Canopy/Soffit Luminaire - Version C



H6 Mount

US: creelighting.com T (800) 236-6800 Canada: creelighting-canada.com T (800) 473-1234

XSPW™ LED Wall Mount Luminaire

Photometry

XSPW-B-**-4ME-8L-40K-UL

Type IV Medium Distribution

umen Package Initial Delivered BUG Ratings**
Lumens* Per TM-15-11

B1 U0 62

B1 U0 62

CPY Series - Version C CPY250® LED Canopy/Soffit Luminaire Rex. Date: V705/18/2023 DM Mount / DM Mount with HZ Option Product Description The CPY250° LED Canopy/Soffit Luminaire has an extremely thin profile constructed of rugged cast aluminum. It can be surface mounted easily from below the canopy deck and can be pendant mounted. Direct imaging of the LEDs is eliminated with a highly efficient patterned flat or 0.91" [23mm] drop glass lens. Applications: Petroleum canopies, CNG fueling stations, soffits Performance Summary Assembled in the USA by Cree Lighting from US and imported parts Initial Delivered Lumens: Up to 21,000 Efficacy: Up to 165 LPW CRI: Minimum 70 CRI [40K, 50K, 57K]; 80 CRI (30K); 90 CRI [40K, 50K] CCT: 3000K, 4000K, 5000K, 5700K Limited Warranty*: 10 years for luminaire/10 years for Colorfast DeltaGuard* finish/5 years for BML sensor/up to 5 years for Synapse® accessories/1 year for field-installed accessories Pendant Mount Luminaires Pendant Mount Kits

Field-Installed Direct Mount Luminaires Canppy Upgrade Kits [18 ga. steel, except where noted] CPY-AP304* - for use with Cree Lighting CAN-304 luminaires, 16 ga. 5052 XA-BXCCM+ - for use with Jet-Philips, 21.60" [549mm] square XA-PS22KIT* - 15" (381mm) pendant Includes two conduit fittings and 3/4-14 NPT pipe threaded on two XA-BXCCQ+ - for use with Whiteway Riviera or Rig-A-Lite, 20.60" [523mm] Synapse® SimplySnap 10V Interface XA-BXCCR+ - for use with Elsco Merrit, 18.06" [499mm] square - Requires other Synapse components t Direct Hount Junction Box/Stem Kit complete system XA-BXCCJB0X - 6.0" [152mm] H x 3/4" (19mm) NPT Stem Refer to DIM 10-220E spec sheet for Direct Mount Beauty Plates XA-BXCCBP+ - 26.17" |665mm| Beauty Plate Only [18 ga. steet] XA-BXXCBPB12+ - 25.15" [565mm] Beauty Plate [18 gs. steet] vs/12" [305mm] Backer Plate [16 gs. steet]

*Must specify color: BK Black I, BZ | Brenzel, SV | Severi or WH | White • Must specify color: T | Black I, Z | Bronzel, S | Severi or W | White)

Canada: creelighting-canada.com T (800) 473-1234

XSPW™ LED Wall Mount Luminaire featuring Cree TrueWhite® Technology

The XSPW™ LED wall mount luminaire has a slim, low profile design intended for outdoor wall

mounted applications. The rugged lightweight aluminum housing and mounting box are designed

for installation over standard single gang J-Boxes and mud ring single gang J-Boxes. The luminaire

allows for through-wired or conduit entry from the top, bottom, sides and rear. The housing design is

management. Optic design features industry-leading NanoOptic® Precision Delivery Grid™ system in

intended specifically for LED technology including a weathertight LED driver compartment and thermal.

Limited Warranty*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish/up to 5 years for

CREE
LIGHTING

CPY250® LED Canopy/Soffit Luminaire - Version C

Product Specifications CONSTRUCTION & MATERIALS

 Slim, low profile design Easy mounting and servicing from below the deck Luminaire housing is constructed of rugged cast aluminum with integral heat sink specifically designed for LED Flat lens is 0.125" tempered Solite" glass

 Drop lens is 0.157" molded borositicate glass Direct mount is suitable for use in single or double skin canopies with a minimum 4.0" (102mm) wide panels and a minimum 22 gauge, 0.030" (0.7mm) canopy thickness

 Direct mount luminaire mounts directly to the canopy deck with the drilling of a single 2" to 4" [51mm to 102mm] round hole, is secured in place with elf-sealing screws that provide a weathertight seal and includes 3/4" (19mm) . Hook and cord mount includes a 3' [0.91m] cord out of the luminaire and is

intended to hang from the single hook Standard pendant mount includes a mounting bracket and a J-Box for customer wiring and is intended to be mounted by 3/4 IP pendant (by others).

. Hazardous location pendant mount has a threaded hub which accepts 3/4" NPT conduit (by others) and secures with a 1/4"-20 set screw . H6 mount includes cable gland with 3' [0.91m] cord out of the luminaire and is intended to hang from the single hook Flush mount includes perimeter gasket, watertight cable gland and 6" [1.8m] flexible watertight conduit out of luminaire Flush mount attaches to ceiling with (4) self-drilling screws.

 Exclusive Cotorfast DeltaGuard* finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are Weight: 12.5 lbs. [5.7kg] ELECTRICAL SYSTEM

 Input Voltage: 120-277V or 347-480V, 50/60Hz Power Factor: > 0.9 at full load Total Harmonic Distortion: < 20% at full load Integral 6kW/3kA surge suppression protection standard; 10kW/5kA surge When code dictates fusing, a slow blow fuse or type C/D breaker should be

 10V option provides continuous dimming to 10% with 0-10V DC control. Maximum 10V Source Current: 1mA Use only lighting controls with neutral connection or controls intended for use with LED fotures

used to address inrush current

 Reference <u>LED Dimming spec sheet</u> for additional dimming information REGULATORY & VOLUNTARY QUALIFICATIONS dULus Listed

 Suitable for wet locations when ordered with DM, DM mount w/HZ option, PD mount w/HZ option, FM and H6 mounts. Covered ceiling required only when not used with cULus Listed, wet location junction box or XA-BXCCJBOX Suitable for damp locations when ordered with HC and PD mounts. Designed for indoor use only Enclosure meets IP66 requirements per IEC 60529 when ordered with DM, FM

 ANSI C136.2 6kV/3kA (standard) and 10kV/5kA (optional) surge protection tested in accordance with IEEE/ANSI C62.41.2. BML option includes 10kV . Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated

 Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117 Assembled in the USA by Cree Lighting from US and imported parts Meets Buy American requirements within ARRA · RoHS compliant. Consult factory for additional details

 Class I, Division 2 Hazardous Location rated when ordered with the DM or PD mount and the HZ option. Not available with K or BML options. Rated for Groups A, B, C & D. Bears a T3C [160°C] temperature classification within a NSF Certified when ordered with DM mount and K option. Not available with HZ or BML options. Refer to http://info.nsf.org/Certified/Food/ for additional Dank Sky Friendly, IDA Approved when ordered with 30K CCT and Flat Lens

IFI. Please refer to https://www.darksky.org/our-work/lighting/lighting-for-industry/tsa/fsa-products/ for most current information DLC Premium qualified for Fuel Pump Canopies. DLC Standard qualified for High-Bay/Low Boy Luminaires when ordered with 8L and 30K9, 40K9 and 50K9 CCTs, 13L or 21L lumen packages with all CCTs. Please refer to https://discourses/lease-refer to <a href="https A CA RESIDENTS WARNING: Cancer and Reproductive Harm -

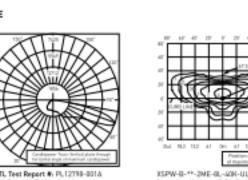
USe creelighting.com T [800] 236-6800 Canada: creelighting-canada.com T (800) 473-1234

Direct Mount to Direct Mount to Shee

Plywood Metal/Suspended

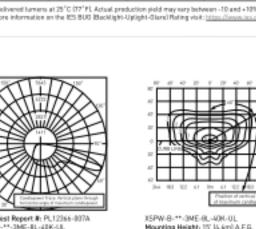
XSPW™ LED Wall Mount Luminaire

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:



		ISPW-0-**-2ME-0L-s0H-UL Mounting Height: 15' [A.6] A.F.O. Initial Delivered Lumens: 8,475 Initial PC at grade
264 N.2 152 d.1 Se d.1 U.2 place 2 mg	one through	Initial Delivered Lumens: 8,475
of Did NO 112 41 On 41 112 PMS 204 The through places of the final place of majority conditions.	Profitor of or final place or fragment of manimum condeposers	
20 20 10.2 11.2 41 On 41 32 16.3 204 Professional of the final of the	Prefixer of writed plane of maintenance of maintenance of the second control of the seco	Print PC or grade
10 20 20 20 20 20 20 20	Position of on final plans plans ISPW-B-**-2ME-BL-50H-UL Mounting Height: 15' [A.S. A.F.O.] Initial Delivered Lumens: \$4.75	

SESTIL Test Report # 1 CSPW-B-**-2MC-8L-4 Initial Delivered Lumer	IK-UL	XSPW-B-**-ZME- Mounting Height: Initial Delivered L Initial PC at grade	15' [4.6] A.F.O. umens: 8,475					
Type II Medium I	Distribution							
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
21.	2,490	B1 U0 G1	2,490	B1 U0 G1	2,490	B1 U0 G1	2,490	B1 U0 G1
4L	4,270	B1 U0 G1	4,270	B1 U0 91	4,270	B1 U0 61	4,270	B1 U0 G1
éL.	6,100	B1 U0 62	6,100	B1 U0 G2	6,100	B1 U0 G2	6,100	B1 U0 02
E4	4.776	R21ID.02	0.075	B210 B2	A 975	D1 101 G2	9.475	P2 UB G2



Type III Medium	Distribution								
	3000K	4000K			5000K	100K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings* Per TM-15-11	
2L	2,490	B1 U0 G1	2,490	B1 U0 91	2,490	B1 U0 61	2,490	B1 U0 G1	
4L	4,270	B1 U0 G1	4,270	B1 U0 61	4,270	B1 U0 B1	4,270	B1 U0 G1	
64.	6,100	B1 U0 G2	6,100	B1 U0 G2	6,100	B1 U0 G2	6,100	B1 U0 G2	
BL	8,475	B2 U0 62	8,475	82 U0 82	6,925	B1 U0 02	8,475	B2 U0 G2	

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CREE

LIGHTING

Initial Delivered BUG Ratings** Lumens* Per TM-15-11

B1 U0 61

B1 U0 G2

B1 U0 62

Engineer Number - 34942 THE SEAL & SIGNATURE APPLY ONLY TO THE DOCUMENT T WHICH THEY ARE AFFIXED & WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES. REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT. REVISIONS NO. DATE DESCRIPTION

> Project #: Drawing Size:

Engineer Name - ROBERT B. PINKERTON

LIGHTING FIXTURE **DETAILS**

E0.4

Sheet Number:

Drawn By:

Checked By:

IP66 Rated [select models only] Class I, Division 2 Hazardous Location for select models *See http://coelighting.com/sacrasts for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms. Accessories

 For use in canagies where fleck opening is larger than what is required for mounting the CPY/250 luminaire. Maximum fleck opening 10,75" x 15" XA-BXXC8PB16+ - 26.17" [665mm] Beauty Plate [18 ga. steel] w/16" [406mm] Backer Plate (16 go. steel)

- For use in canapies where deck opening is larger than what is required for recursing the CPY250 luminaire. Maximum deck opening 12" x 15" [305mm x 375mm]

up to 4.25" (108mm) — 11.0"—⇒ Supplied Self-Sealing Sheet Metal Screws

Ordering Information Example: CPY250-C-13L-57K7-D-UL-DM-SV

10KV 10kV/5kA Surge Suppression Not for use with BML as BML option Class I, Div. 2 Hazardous Location Lumens 4000H, 90 CRI BL 50K7 8,000 5000K, 70 CRI Lumens 50K9 13L 5000H, 90 CRI 13,000 57K7 Lumens 5700K, 70 CRI 21L 4L-21L lumen Hook & Cord White Multi-Level Sensor Not available with BML control or K option
 NSF 2 Certification Available only with UL voltage Suitable for DM mount only
 Not available with BML control or HZ option Refer to IIML spec sheet for details
 8-20' sensor lens installed on luminaire; 20-40' sensor lens and aiste shreud Not available with other controls

XSP Series

Product Description

multiple distributions.

Beauty Plate

Performance Summary

Applications: General area and security lighting

NanoOptic® Precision Delivery Grid™ optic

Synapse® accessories/1 year on accessories

Initial Delivered Lumens: Up to 8,475

CCT₁ 3000K, 4000K, 5000K, 5700K

*See http://medighting.com/somosty for warranty terms

WM-PLT14** - 14" [356mm] Square

Synapse* SimplySnap 10V Interface

- Covers holes left by incumbent wall packs

- Refer to $\underline{\text{DIM}\,10\text{--}220\text{E}}$ spec sheet for details

USe creelighting.com [800] 236-6800 Canada: creelighting-canada.com [800] 473-1234

- Requires other Synapse companents to complete

Assembled in the USA by Cree Lighting from US and imported parts

CRI: Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)

16 Car B. Car B. Car B. Car.

Rev. Date: VersionB V6 08/03/2022

XSPW™ LED Wall Mount Luminaire

Product Specifications

ELECTRICAL SYSTEM

cULus Listed

ANSI C62.41.2

Suitable for wet locations

CREE TRUEWHITE® TECHNOLOGY A revolutionary way to generate high-quality white light, Cree TrueWhite® Fechnology is a patented approach that delivers an exclusive combination. of 90+ CRI, beautiful light characteristics and lifelong color consistency, all while maintaining high luminous efficacy – a true no compromise solution. CONSTRUCTION & MATERIALS

 Slim, low profile design Luminaire housing specifically designed for LED applications with advanced LED thermal management and driver Luminaire mounting box designed for installation over standard single

gang J-Boxes and mud ring single gang J-Boxes Luminaire can also be direct mounted to a wall and surface wired Secures to wall with four 3/16" [5mm] screws (by others) Conduit entry from top, bottom, sides, and rear

 Exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Silver, black, white and bronze are available Weight: 2L, 4L, 6L - 11.0 lbs. (5.0kg); 8L - 11.8 lbs. (5.4kg)

 Power Factor: > 0.9 at full load Total Harmonic Distortion: < 20% at full load Integral 10kV/5kA surge suppression protection standard . When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current

ANSI C136.2 10kV/5kA surge protection, tested in accordance with IEEE/

Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated

 Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117 Assembled in the USA by Cree Lighting from US and imported parts

. Dark Sky Friendly, IDA Approved when ordered with 30K CCT. Please

https://gpl.designlights.org/solid-state-lighting for most current

 DLC Luna qualified when ordered with 4L-8L lumen packages and 30K CCT. Please refer to https://qpl.designlights.org/solid-state-lighting for

refer to https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/ for most current information DLC and DLC Premium qualified versions available. Please refer to

 Designed with 0-10V dimming capabilities. Controls by others 10V Source Current: 0.15 mA Refer to <u>Dimming spec sheet</u> for details Operating Temperature Range: -40°C - +50°C (-40°F - +122°F) REGULATORY & VOLUNTARY QUALIFICATIONS

Designed for downlight applications only

Meets Buy American requirements within ARRA

RoHS compliant. Consult factory for additional details

• A CA RESIDENTS WARNING: Cancer and Reproductive Harm -

Enclosure rated IP66 per IEC 60598

Input Voltage: 120-277V or 347-480V, 50/60Hz

[ordered as an option]

11.0 lbs. [5.0kg]

								8L			11.8 lbs. [5.4kg]
	Informa PW-B-WM	ation -2ME-2L-30K	-UL-BK								
	В	WM									
t	Version	Mounting	Optic	Lumen Package*	сст	Voltage	Col	or Options	Options		
		WM Well	2ME Type II Medium 3ME Type III Medium	2L 2,490 lumens 4L 4.770 lumens	30K 3000K - 70 CRI	UL Universal 120-2777 UH Universal 247-5907	BK Bla BZ Bro		ML p		(L spec sheet for detail with UL voltage only

multi-level aption, a minimum of one hand-held remote is required

XSPW	В	WM						
Product	Version	Mounting	Optic	Lumen Package*	сст	Voltage	Color Options	Options
(SPW	•	WM Well	ZME Type II Medium SME Type III Medium AME Type IV Medium	24. 2,490 lumens 44. 4,270 lumens 64. 6,100 lumens 84. 8,475 lumens	30K 300K - 30 CRI 40K 40K - 30 CRI 50K - 30 CRI 57K 570K - 30 CRI	UL Universal 120-277V UH Universal 347-490V 36 347V For use with Pleption only	BK Black BZ Bronze SV Silver WH White	ML Multi-Level - Refer to ML space sheet for details - Assilable with UL voltage only P Sutten Photocell - Not assilable with ML or PML options - Assilable with UL and 34 rollages only PML Programmable Multi-Level - Refer to PML spec sheet far details - Assilable with UL voltage only

* Lumen Package selection codes identify approximate Light output enly. Actual lumen sutput levels may vary depending on CCT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values

For mane information on the IES BUD (Bucklight-Uplight-Glare) Rating visit. https://www.ies.arg/wp-cantent/uplands/2017/03/TM-15-11BUGFatingsAddendum.pdf

90 CRI

Lumens' TM-15-20 Lumens' TM-15-20 Lumens' TM-15-20

2,100 B1 U0 B0 1,730 B1 U0 B0 2,310 B1 U0 B0

4,160 82 08 61 3,440 82 08 61 4,590 82 08 61

7,675 83 00 81 6,325 82 00 81 8,475 83 00 81

12,490 83 00 61 10,225 83 00 61 13,750 83 00 61

19,200 B4 U0 B1 15,700 B3 U0 B1 21,300 B4 U0 B1

70 CRI

2,100 81 U1 G1 1,730 81 U1 G1 2,310 81 U1 G1

4,160 B2 U1 B1 3,440 B2 U1 B1 4,590 B2 U2 B1

7,675 80 U2 G1 6,325 82 U2 G1 8,475 83 U2 G1

12,450 B3 U2 B1 10,225 B3 U2 B1 13,750 B3 U2 B1

19,200 84 U2 G2 15,700 83 U2 G2 21,300 84 U2 G2

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Photometry

	204 M3 112 41 On 41 03 P03 2
port # PL12798-001A	HSPW-B-**-2ME-BL-40K-UL
E-8L-48K-UL	Mounting Height: 15 (A.6) A.F.O.

tion	
01A	RSPW-B-**-2ME-BL-MON-UL Mounting Height: 15' Js.8l A.F.G. Initial Delivered Lumens: 8.475 Initial PC at grade
	07 13.3 13.2 4.1 0es 4.1 13.2 16.3 264 264 264 265 265 265 265 265 265 265 265 265 265

	Lumens*	Per TM-15-11	Lumens*	Per TM-15-11	Lumens*	Per TM-15-11	Lumens			
	2,490	B1 U0 G1	2,490	81 U0 61	2,490	B1 U0 G1	2,490			
	4,270	B1 U0 G1	4,270	81 U0 91	4,270	81 00 61	4,270			
	6,100	B1 U0 62	6,100	B1 U0 G2	6,100	B1 U0 G2	6,100			
	8,475	B2 U0 G2	8,475	B2 U0 B2	6,925	B1 U0 02	8,475			
ol delivered lumero at 25°C (17°F). Actual, production yield may sary between -10 and +10% of initial delivered lumero enore information on the ES 800 Blocklight-Uptight-Oteral Nating visit;										

nitial Delivered Lumen		Initial Delivered Li Initial PC at grade	umens: 8,475					
Type III Medium	Distribution							
	3000K		4000K		5000K		5700K	
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Rating: Per TM-15-1
2L	2,490	B1 U0 G1	2,490	B1 U0 91	2,490	B1 U0 61	2,490	B1 U0 G1
4L	4,270	B1 U0 G1	4,270	B1 U0 61	4,270	B1 U0 01	4,270	B1 U0 G1
64.	6,100	B1 U0 G2	6,100	B1 U0 G2	6,100	B1 U0 G2	6,100	B1 U0 G2
BL	8,475	B2 U0 62	8,475	82 U0 82	6,925	81 00 02	8,475	B2 U0 G2

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