

3 ELECTRICAL LIGHTING PLAN - RDT PLAN 1/4" = 1'-0"

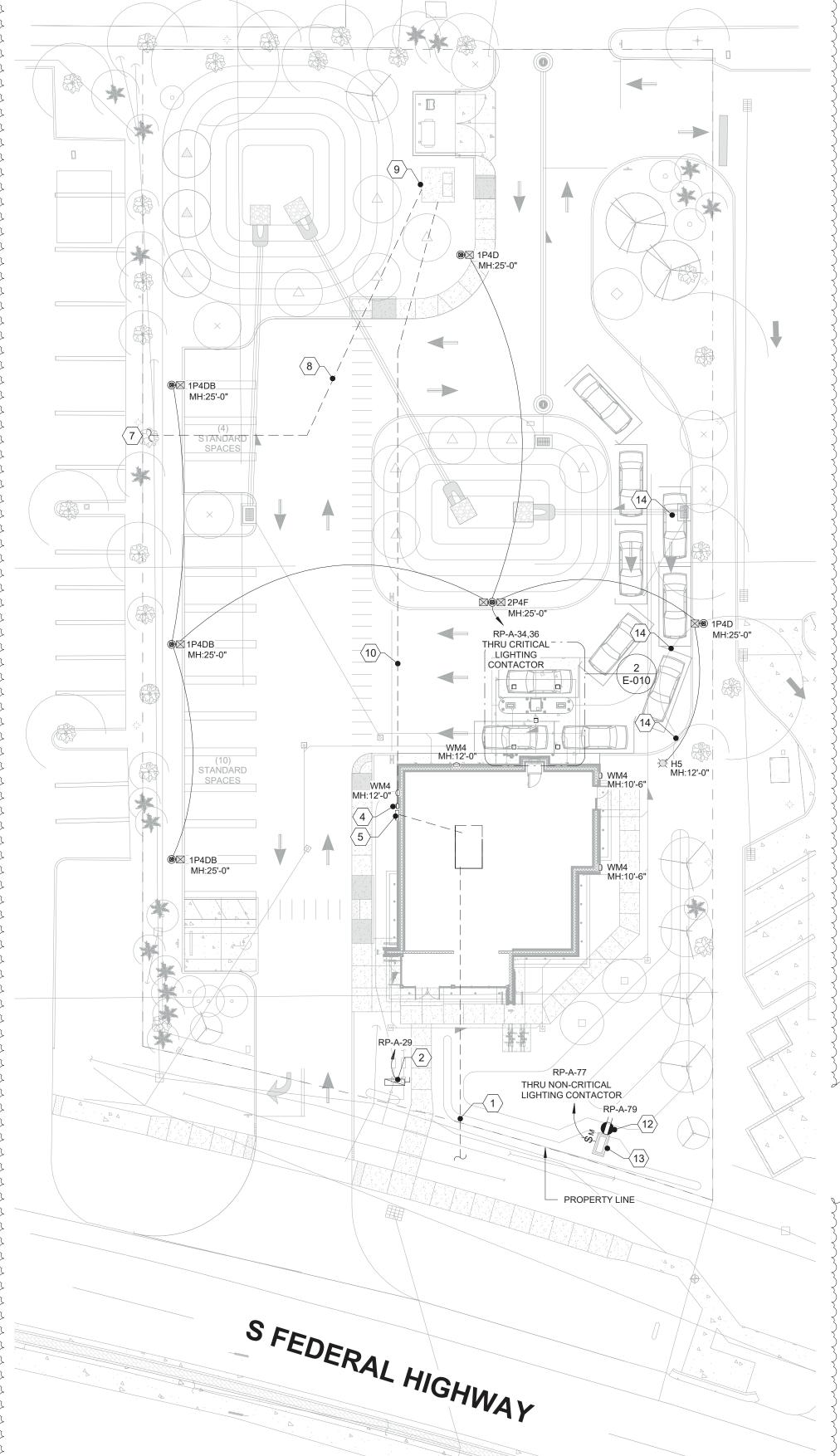
			LIQUENIO FIVELIDE O		· \				
			LIGHTING FIXTURE S	CHEDULE (S					T
, LABEL	DESCRIPTION	MFG	MODEL NUMBER	MOUNTING	QTY AND	DIMMING	_ VOLTS_	TOTAL FIXTURE WATTS	NOTES (REFER TO GENERAL AND LAMP AND BALLAST NOTES BELOW)
1P4D	LED FULL CUTOFF AREA LUMINAIRE, 10000 LUMENS, FORWARD DISTRIBUTION, ALUMINUM HOUSING, UL LISTED FOR WET LOCATION. 1-HEAD	<u> </u>		POLE MOUNT, **SEE E-012 DETAIL 1 FOR POLE HEIGHT	LED	-	208 V	70 VA	
1P4DB	LED FULL CUTOFF AREA LUMINAIRE, 10000 LUMENS, FORWARD DISTRIBUTION, ALUMINUM HOUSING, UL LISTED FOR WET LOCATION. 1-HEAD WITH BACK SHIELD	GE	EALS 03 0 D4 AF 7 40 N D D1 DKBZ SHIELD: ELS-EAL-FBL-BLCK	POLE MOUNT, **SEE E-012 DETAIL 1 FOR POLE HEIGHT	LED	-	208 V	70 VA	
2P4F	LED FULL CUTOFF AREA LUMINAIRE, 15000 LUMENS, FORWARD DISTRIBUTION, ALUMINUM HOUSING, UL LISTED FOR WET LOCATION. 2-HEAD, 180° CONFIGURATION	GE	EALS 03 0 F4 AF 7 40 N D D1 DKBZ	POLE MOUNT, **SEE E-012 DETAIL 1 FOR POLE HEIGHT	LED	-	208 V	232 VA	
	LED 12"X12" SQUARE LENSED RÉCÉSSED LUMINAIRE, TEMPERED GLASS LENS, TRIM FINISHED IN MATTE WHITE COLOR. U.L. LISTED WET LOCATION	LSI	XSFS-S-LED-SS-NW-120-GWT-DFL	RECESSED	ĹĖĎ		120 V	31 VA	
DP	DRIVE-THRU CANOPY OPEN/CLOSE LED SIGN	DIRECTIONAL SYSTEMS	5887 (TCL718GR-100/120-277VAC)	SURFACE	LED	-	120 V	5 VA	REFER TO THE ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT
DPA	DRIVE-THRU CANOPY ATM LED SIGN	DIRECTIONAL SYSTEMS	TCL718G-125-120-277VAC	SURFACE	LED	-	120 V	20 VA	REFER TO THE ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT
H5	LED FULL CUTOFF POST TOP LIGHT POLE FIXTURE, TYPE 5 DISTRIBUTION.	GE / LSI(POLE)	FIXTURE: EPTC-02-0-03-A-40-1-A-DKB	POST TOP POLE MOUNT, **SEE E-012 DETAIL 3 FOR POLE HEIGHT	LED	-	208 V	27 VA	
WM4	WALL BRACKET LED LUMINAIRE, DIE CAST ALUMINUM HOUSING, TYPE 4 DISTRIBUTION, DARK BRONZE FINISH. FULL CUTOFF	- LSI	XWM 4 LED 3L 40 UE BRZ	WALL MOUNTED	LED	-	120 V	23 VA	SÉE É-130 FOR CONNECTION

LIGHTING FIXTURE SCHEDULE NOTES:

1. MANUFACTURER CATALOG NUMBERS ARE SHOWN FOR GENERAL DESCRIPTIVE PURPOSES AND TO ESTABLISH STANDARD OF QUALITY ONLY. CONTACT CHRIS YOUNG (cyoung@southernlightingsource.com) OR ADAM MAGGIO (amaggio@southernlightingsource.com) (770-242-4000) (53lights@southernlightingsource.com) SOUTHERN LIGHTING SOURCE ON LIGHTING AND LIGHTING CONTROLS. GC/EC SHALL PROVIDE LUMINAIRES COMPLETE WITH ALL OPTIONS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. ALL PRODUCTS SHALL BE UL LISTED.

- POLE MOUNTED LIGHT FIXTURES SHALL MATCH EXISTING DEVELOPMENT AS SPECIFIED. NO EQUALS FOR POLE MOUNTED FIXTURES.

 POLE MANUFACTURER SHALL COORDINATE WITH LUMINAIRE MANUFACTURER TO PROVIDE ADEQUATE STRENGTH TO SUPPORT THE FIXTURE. PROVIDE APPROPRIATE MOUNTING HARDWARE, ANCHOR BOLTS, BOLT/BASEPLATE COVERS AND GROUNGING LUG. MANUFACTURER SHALL FURNISH AN ANCHOR BOLT TEMPLATE TO ENSURE PROPER MOUNTING AND LUMINAIRE ORIENTATION FOR CORRECT LIGHT DISTRIBUTION. APPROVED EQUAL POLE MANUFACTURERS: DURAGUARD AND VALMONT.
- 3. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT NECESSARILY BE REFLECTED IN CATALOG NUMBER AND/OR DESCRIPTION IN THIS SCHEDULE



1 ELECTRICAL SITE PLAN
1" = 20'-0"

SHEET NOTES:

- COORDINATE ALL SITE CONDUIT ROUTINGS WITH GENERAL CONTRACTOR.
- REFER TO CIVIL PLANS FOR FINAL LOCATION AND ELECTRICAL REQUIREMENTS OF ALL SIGNAGE, UTILITY CONNECTION POINTS, AND SITE UTILITIES/EQUIPMENT SUCH AS LIFT STATIONS, IRRIGATION
- PUMPS/CONTROLLERS, HOT BOXES, ETC.

 3. ALL UNDERGROUND WIRING SHALL BE LOCATED WITHIN 12" OF BACK OF CURB IN ALL LOCATIONS.
- 4. BACKFILL, TAMP, AND RESURFACE ALL EXISTING PAVEMENT/ASPHALT AND RESTORE ALL EXISTING LANDSCAPING DISTURBED AS A RESULT OF TRENCHING AND/OR DIRECTIONAL BORING TO ITS ORIGINAL CONDITION.
- 5. ALL UTILITY SERVICE SHALL BE VERIFIED WITH THE UTILITY COMPANIES PRIOR TO BIDDING AND ALL RESULTING COSTS SHALL BE INCLUDED IN BID
- 6. ACTUAL INSTALLATION OF ALL UTILITY SERVICES SHALL BE ACCORDING TO FINAL UTILITY COMPANY PLANS.
- 7. PROVIDE PULLWIRE IN ALL EMPTY CONDUITS.

8. USE JOINT TRENCHING WHEREVER POSSIBLE.

ELECTRICAL UTILITY CONTACT: FPL - FLORIDA POWER AND LIGHT BRENDAN SWANNICK - (561)-479-4553

TELEPHONE UTILITY CONTACT:

VERIZON JUSTIN MICHAEL - (888)-789-1223

KEYED NOTES:

- ROUTE (2)-4"C TO MAIN TELEPHONE SERVICE ENTRANCE. ROUTE TO CLEAR STRUCTURAL FOOTING. CONDUITS SHALL BE STUBBED UP AND CAPPED 12" A.F.F. IN BUILDING. AS-BUILT DRAWINGS MUST SHOW CONDUIT LENGTH AND ROUTE.
- | IRRIGATION BACKFLOW. VERIFY LOCATION DISCONNECT SHALL BE NEMA 3R.
- 3 NOT USED.
- ELECTRIC UTILITY METER. PROVIDE ELECTRIC UTILITY METER PER POWER COMPANY REQUIREMENTS. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION. EXACT LOCATION TO BE DETERMINED BY UTILITY COMPANY REPRESENTATIVE IN FIELD.
- MANUAL TRANSFER SWITCH(MTS). PROPOSED ELECTRICAL SERVICE DISCONNECT MOUNTED ON BUILDING EXTERIOR. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- DRIVE-THRU ATM: PROVIDE CONDUIT AND WIRING FOR ATM. REFER TO ELECTRICAL FLOOR PLAN ON SHEET E-500 FOR ADDITIONAL INFORMATION.
- TO STUB-OUT AND TERMINATE PER UTILITY COMPANY REQUIREMENTS. VERIFY LOCATION OF HIGH VOLTAGE SERVICE POINT PRIOR TO BIDDING AND INCLUDE
- (2)-5"C FOR HIGH VOLTAGE SERVICE FROM PROPERTY LINE TO TRANSFORMER SLABS VERIFY LOCATION AND ROUTING. HIGH VOLTAGE CONDUIT SHALL BE 48" DEEP. TERMINATE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS INCLUDING TRENCHING AND BACKFILL TO 90% COMPACTION.
- TRANSFORMER SLAB-BOX WITH TRAFFIC GUARDS PER UTILITY COMPANY REQUIREMENTS. VERIFY SIZE, LOCATION AND ORIENTATION WITH UTILITY COMPANY. CONTRACTOR WILL PROVIDE TRANSFORMER SLABS INSTALLED COMPLETE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. PROVIDE ADEQUATE GUARD RAILING AROUND POWER TRANSFORMERS IN PARKING AREAS.
- SECONDARY FROM TRANSFORMER TO MAIN DISCONNECT. VERIFY ROUTING WITH UTILITY COMPANY AND ROUTE TO CLEAR STRUCTURAL FOOTING. SEE RISER DIAGRAM. TERMINATE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- DRIVE THROUGH LANE OPEN/CLOSE GANG SWITCHES. PROVIDE CONSTANT HOT & NEUTRAL. LCP SHALL NOT CONTROL OPEN/CLOSE/ATM SIGNS. SEE DETAIL 3 ON E-501. COORDINATE PLACEMENT WITH ARCHITECT PRIOR TO
- MAINTENANCE RECEPTACLE: PROVIDE 120V, 20A, GFCI WEATHER-RESISTANT DUPLEX RECEPTACLE IN WEATHERPROOF SURFACE MOUNTED BELL BOX WITH "EXTRA DUTY WHILE-IN-USE" METALLIC COVER.
- MONUMENT SIGN POWER: COORDINATE EXACT LOCATION OF SIGNAGE STUB-UP WITH SIGN VENDOR AND MAKE FINAL ELECTRICAL CONNECTIONS. PROVIDE 120V, 20A, TOGGLE SWITCH IN METALLIC BELL BOX WITH METALLIC WEATHERPROOF COVER IF DISCONNECT IS NOT FURNISHED WITH MONUMENT SIGN, COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS.
- TREE TRIMMING: VERIFY ALL LANDSCAPE WITHIN COMPLIANCE AREA (OR LANDSCAPE AFFECTING LIGHT FIXTURES WITHIN THE COMPLIANCE AREA) IS TRIMMED/PRUNED/THINNED OUT PER OWNER'S LANDSCAPE STANDARDS AND, IF POSSIBLE, A MINIMUM OF 5 FT IS MAINTAINED FROM ALL TREES TO LIGHT FIXTURE. EXISTING TREE SHALL BE PRUNED, THINNED OUT AS NEEDED TO PREVENT SHADOW EFFECTS WITHIN COMPLIANCE AREA ALLOWING OPTIMAL LIGHTING PERFORMANCE. COORDINATE WITH GENERAL CONTRACTOR FOR RESPONSIBILITIES AND SCHEDULING.

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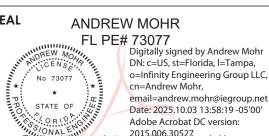
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SOUTH FEDERAL HIGHWAY

AY BEACH, FLORIDA 33483

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CONFLICTS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION, SCHEDULING AND CONFORMANCE OF ITS WORK AND ALL WORK PERFORMED BY SUBCONTRACTORS OR OTHER TRADES WITH THE DESIGN DOCUMENTS.



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10/01/2025

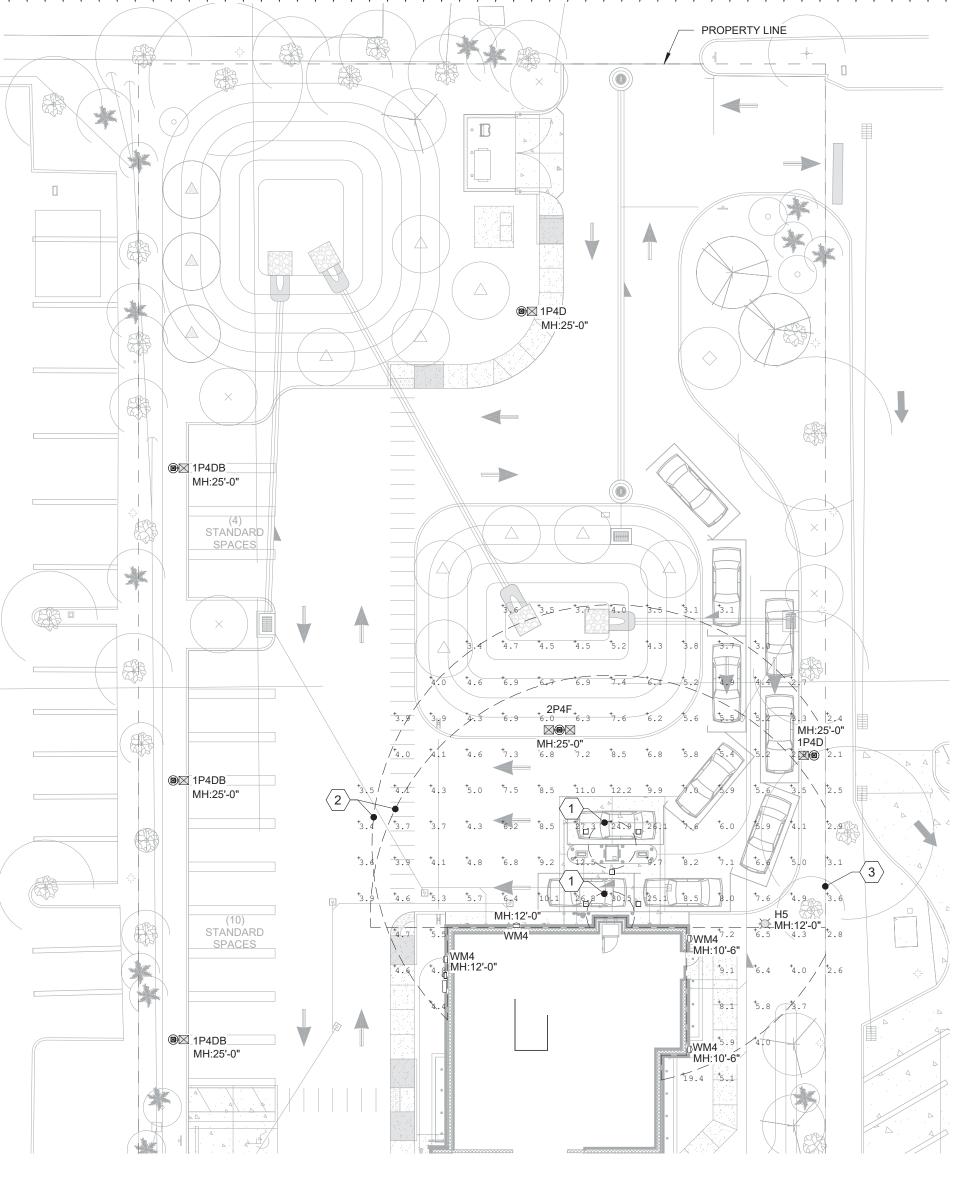
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ELECTRICAL SITE PLAN AND REMOTE DRIVE

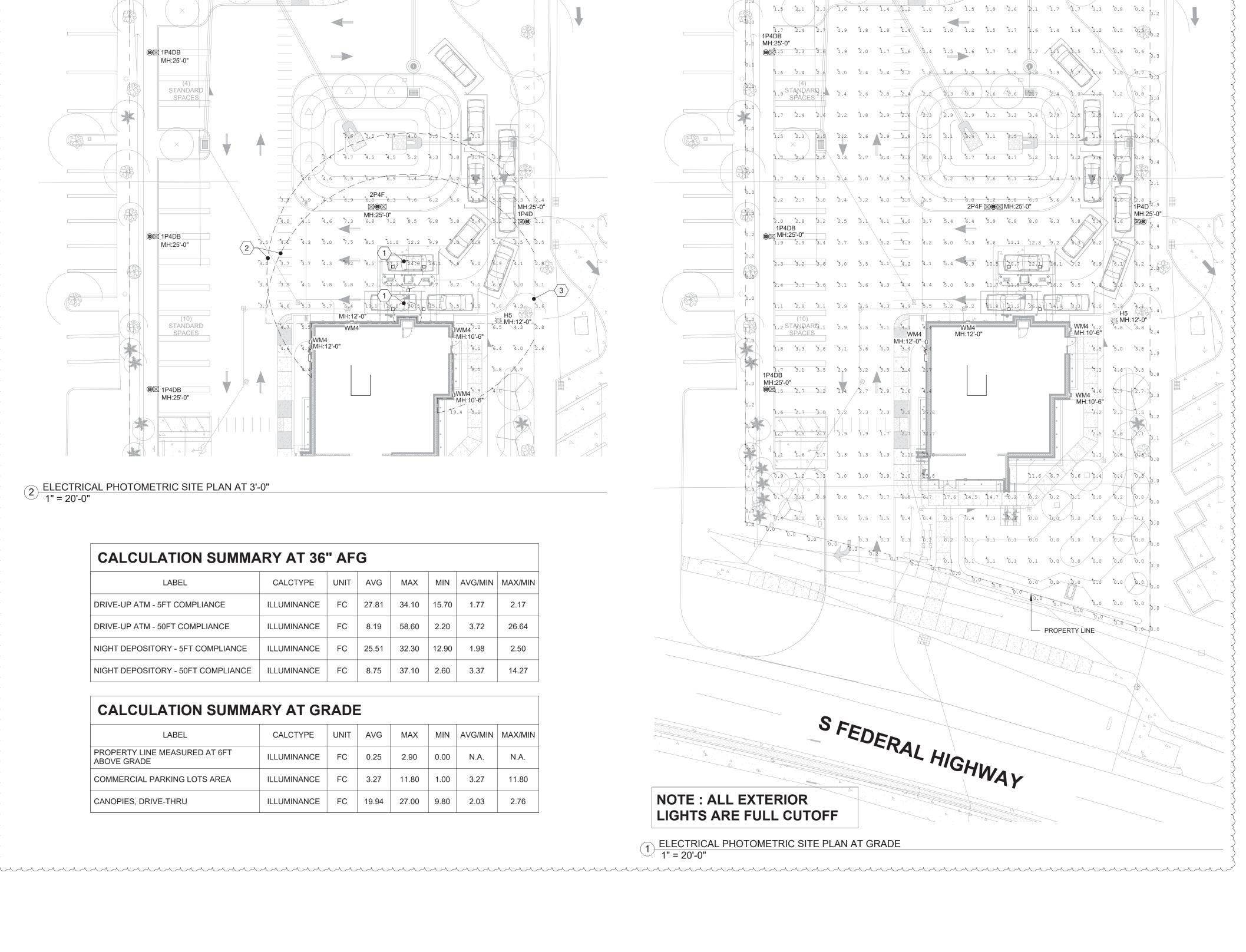
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2 ELECTRICAL PHOTOMETRIC SITE PLAN AT 3'-0" 1" = 20'-0"

CALCULATION SUMMARY AT 36" AFG							
LABEL	CALCTYPE	UNIT	AVG	MAX	MIN	AVG/MIN	MAX/MIN
DRIVE-UP ATM - 5FT COMPLIANCE	ILLUMINANCE	FC	27.81	34.10	15.70	1.77	2.17
DRIVE-UP ATM - 50FT COMPLIANCE	ILLUMINANCE	FC	8.19	58.60	2.20	3.72	26.64
NIGHT DEPOSITORY - 5FT COMPLIANCE	ILLUMINANCE	FC	25.51	32.30	12.90	1.98	2.50
NIGHT DEPOSITORY - 50FT COMPLIANCE	ILLUMINANCE	FC	8.75	37.10	2.60	3.37	14.27

CALCULATION SUMMA	ARY AT GF	RADE	•				
LABEL	CALCTYPE	UNIT	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PROPERTY LINE MEASURED AT 6FT ABOVE GRADE	ILLUMINANCE	FC	0.25	2.90	0.00	N.A.	N.A.
COMMERCIAL PARKING LOTS AREA	ILLUMINANCE	FC	3.27	11.80	1.00	3.27	11.80
CANOPIES, DRIVE-THRU	ILLUMINANCE	FC	19.94	27.00	9.80	2.03	2.76



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1.0 1.4 0.1 0.0 0.1 1.1 0.9 0.9 1.2 1.8 2.2 2.9 2.4 1.8 1.8 1.8 1.3 0.7 0.4 1.0

SHEET NOTES:

PHOTOMETRY CALCULATION: PHOTOMETRIC VALUES SHOWN HEREIN ARE INTENDED FOR DESIGN AND EVALUATION PURPOSES ONLY. THE CALCULATED POINT-BY-POINT VALUES SHOWN ON THIS SHEET ARE BASED ON A COMPUTER LIGHTING PROGRAM WITH APPROXIMATED PARAMETERS. AS A RESULT, PHOTOMETRIC VALUES MAY VARY FROM ACTUAL FIELD MEASUREMENTS.

LIGHTING STANDARDS:

MINIMUM STANDARD

REGULATED STATES: ALABAMA, CALIFORNIA, CONNECTICUT, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, ILLINOIS, KANSAS, KENTUCKY, LOUISIANA, MARYLAND, MASSACHUSETTS, MISSOURI, MONTANA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, OREGON, RHODE ISLAND, TEXAS, VIRGINIA, WASHINGTON, VIRGINIA**.

- BANKING CENTERS IN VIRGINIA MUST COMPLY WITH ALL HOME STATE LAWS AND IS CONSIDERED REGULATED IF THE BANK HEADQUARTERS ARE LOCATED IN A REGULATED STATE.
- A MINIMUM OF TEN (10) FOOT CANDLE POWER AT THE FACE OF THE ATM OR AFTER-HOUR DEPÓSITORY EXTENDING OUTWARD FIVE (5) FEET IN ALL UNOBSTRUCTED DIRECTIONS.
- A MINIMUM OF TWO (2) FOOT CANDLE POWER EXTENDING OUTWARDS IN ALL UNOBSTRUCTED DIRECTIONS FIFTY (50) FEET FROM THE FACE OF THE ATM AND AFTER-HOUR DEPOSITORY.
- A MINIMUM OF TWO (2) FOOT CANDLE POWER IN DEFINED PARKING AREAS WITHIN SIXTY (60) FEET OF THE ATM AND AFTER-HOUR DEPOSITORY. IN THE EVENT THE ATM OR AFTER-HOUR DEPOSITORY IS LOCATED WITHIN TEN (10) FEET OF THE CORNER OF THE BUILDING AND IS GENERALLY ACCESSIBLE FROM THE ADJACENT SIDE, THERE SHALL BE A MINIMUM OF TWO (2) FOOT CANDLE POWER ALONG THE FIRST FORTY (40) UNOBSTRUCTED FEET OF THE ADJACENT SIDE OF THE BUILDING.
- IF THE ATM OR AFTER-HOUR DEPOSITORY IS LOCATED INSIDE A ACCESSIBLE VESTIBULE DURING ANY HOURS OF DARKNESS, A MINIMUM OF 10 FOOT CANDLE POWER AT THE FACE OF THE ATM OR AFTER-HOUR DEPOSITORY EXTENDING OUTWARD FIVE (5) FEET IN ALL UNOBSTRUCTED DIRECTIONS. THERE WILL BE A MINIMUM OF TWO (2) FOOT CANDLE POWER AT THE INSIDE OF THE VESTIBULE ENTRY/EXIT DOOR(S). A MINIMUM OF TWO (2) FOOT CANDLE POWER EXTENDING THE VESTIBULE ENTRY/EXIT DOOR. A MINIMUM OF TWO (2) FOOT CANDLE POWER IN DEFINED PARKING AREAS WITHIN SIXTY (60) FEET OF THE VESTIBULE ENTRY/EXIT DOOR. IN THE EVENT THE VESTIBULE ENTRY/EXIT DOOR IS LOCATED WITHIN TEN (10) FEET OF THE CORNER OF THE BUILDING AND IS GENERALLY ACCESSIBLE FROM THE ADJACENT SIDE, THERE SHALL BE A MINIMUM OF TWO (2) FOOT CANDLE POWER ALONG THE FIRST FORTY (40) UNOBSTRUCTED FEET OF THE ADJACENT SIDE OF THE BUILDING. IN URBAN SETTINGS FOR WHICH THERE IS NO DEFINED BANK PARKING AND THE ONLY ACCESS AREA IS A PUBLIC SIDEWALK, A MINIMUM 2 FOOT CANDLE POWER SHALL BE FOR THE FIRST 5 UNOBSTRUCTED FEET FROM THE DOOR. THE MINIMUM FOOT CANDLE READING WILL ALSO BE LIMITED TO BANK CONTROLLED
- A MINIMUM OF TWO (2) FOOT CANDLE POWER IN THE IMMEDIATE AREA OF THE DESIGNATED ASSOCIATE ENTRANCE/EXIT TO THE FACILITY. ALL LIGHTING MEASUREMENTS ARE TO BE TAKEN AT 36 INCHES ABOVE

THE GROUND ON A HORIZONTAL PLANE, **UNLESS OTHERWISE SPECIFIED**

BY STATE LAW OR REGULATION (3/07). THE MINIMUM STANDARD SHALL APPLY UNLESS A GREATER STANDARD IS REQUIRED BY AN APPLICABLE LAW FOR A PARTICULAR FACILITY LOCATION.

KEYED NOTES:

- ATM/AFTER-HOUR DEPOSITORY FIVE FOOT COMPLIANCE AREA: A MINIMUM OF TEN (10) FOOT CANDLE POWER AT THE FACE OF THE ATM/AFTER-HOUR DEPOSITORY EXTENDING OUTWARD FIVE (5) FEET IN ALL UNOBSTRUCTED
- ATM/AFTER-HOUR DEPOSITORY FIFTY FOOT COMPLIANCE AREA: A MINIMUM OF TWO (2) FOOT CANDLE POWER EXTENDING OUTWARD IN ALL UNOBSTRUCTED DIRECTIONS FIFTY (50) FEET FROM THE FACE OF THE ATM AND AFTER-HOUR DEPOSITORY.
- BANK CONTROLLED PROPERTY LINES: THE MINIMUM FOOT CANDLE READING WILL BE LIMITED TO BANK CONTROLLED PROPERTY LINES.



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FIFTH THIRD

SOUTH AY BEA

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> ANDREW MOHR FL PE# 73077

CONFLICTS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION, SCHEDULING AND CONFORMANCE OF ITS WORK AND ALL WORK PERFORMED B' SUBCONTRACTORS OR OTHER TRADES WITH THE DESIGN DOCUMENTS.

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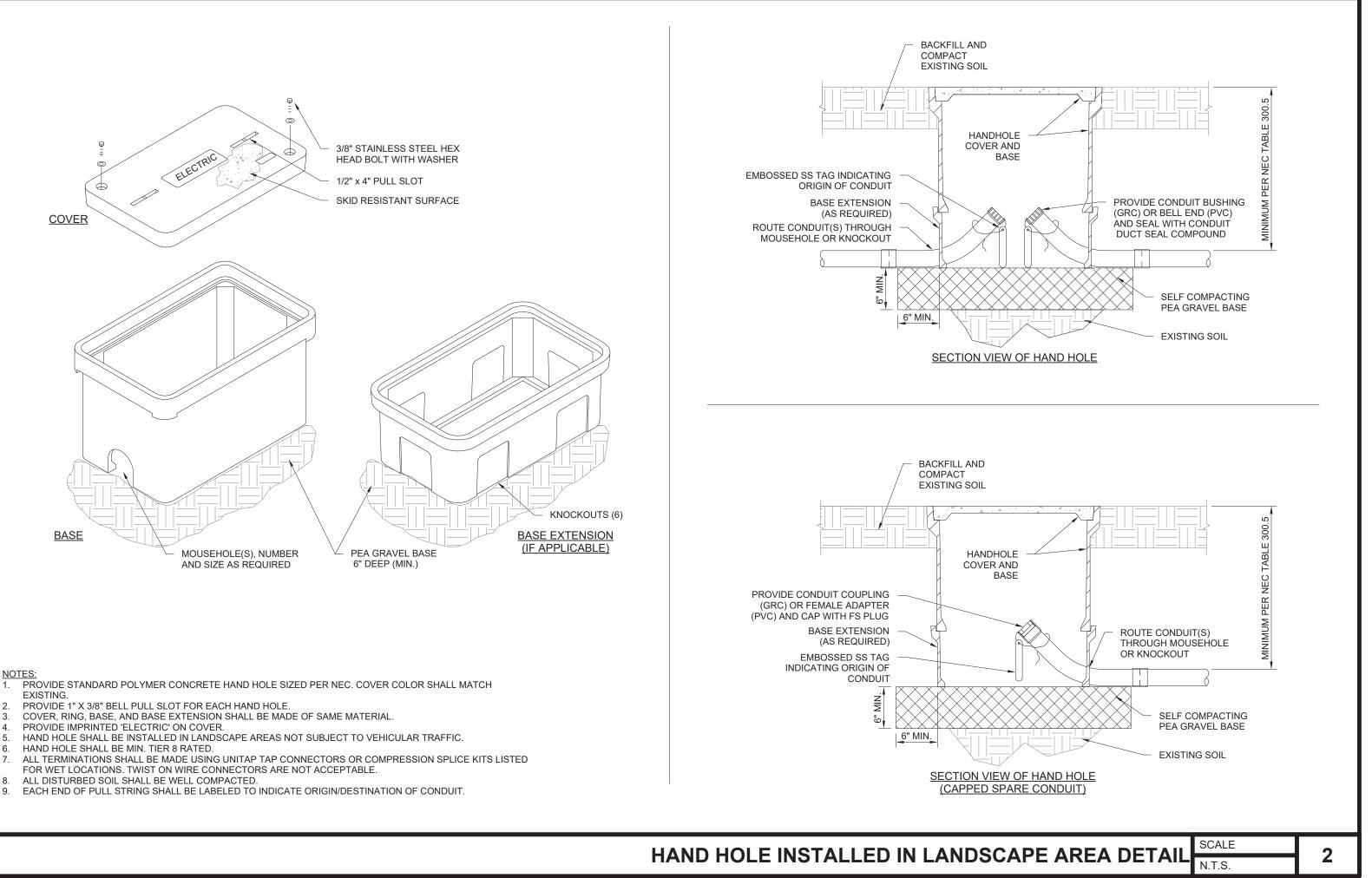
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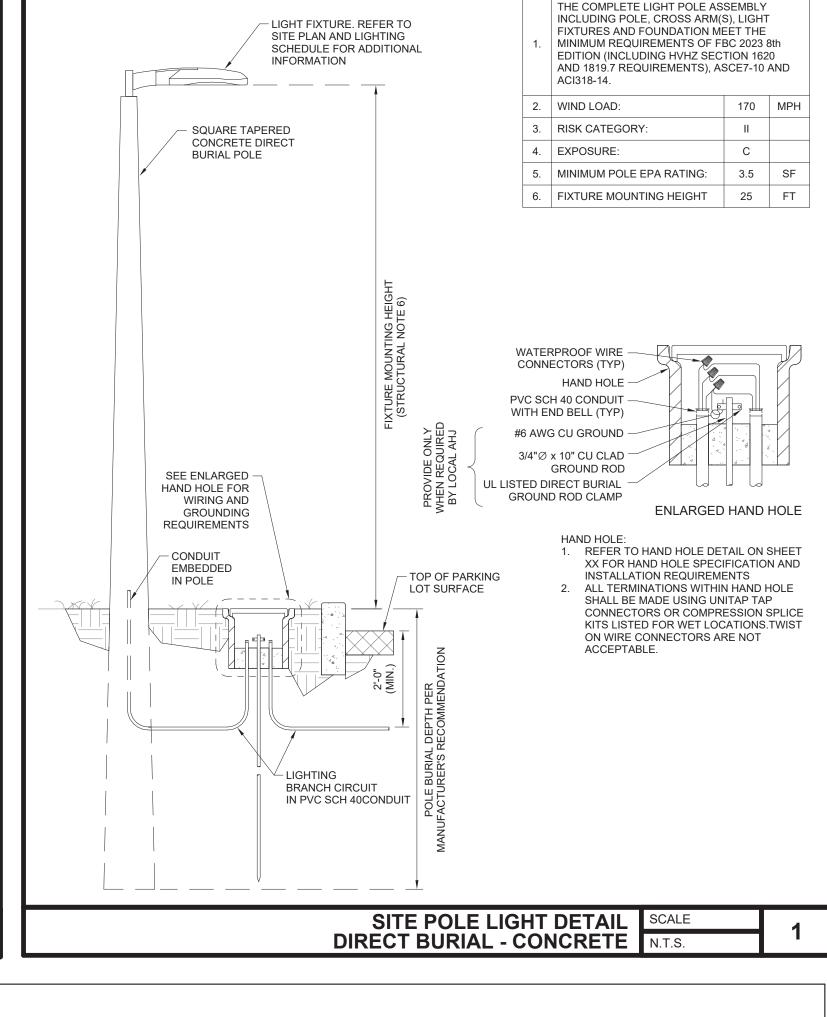
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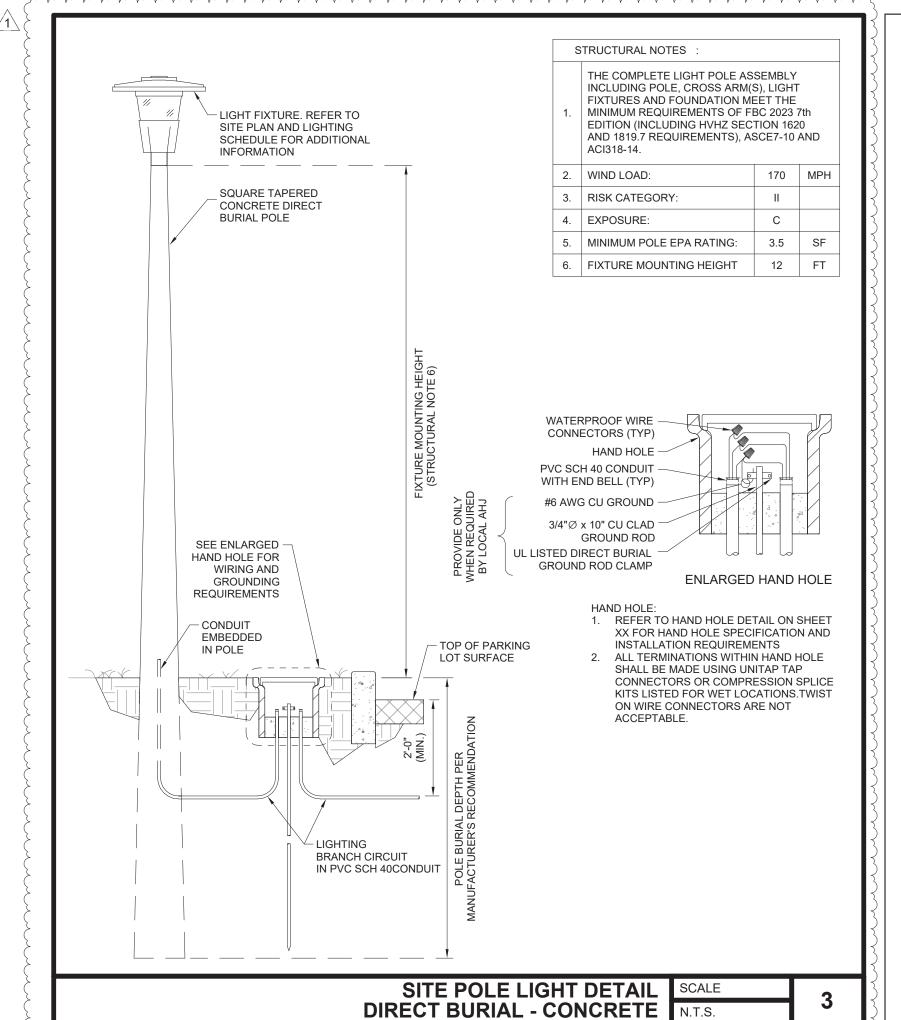
ELECTRICAL PHOTOMETRIC SITE PLAN

SHEET NUMBER





STRUCTURAL NOTES



The following lines are excerpts from the Florida Statutes and are shown on this drawing for informational purposes only:

FLORIDA STATUTES

2019 FLORIDA STATUTES TITLE XXXVIII. BANKS AND BANKING CHAPTER 655. FINANCIAL INSTITUTIONS GENERALLY

655.960 Definitions; ss. 655.960-655.965. --

As used in this section and ss. <u>655.961</u>-<u>655.965</u>, unless the context otherwise requires:

"Access area" means any paved walkway or sidewalk which is within 50 feet of any automated teller machine. The term does not include any street or highway open to the use of the public, as defined in s. 316.003(83)(a) or (b), including any adjacent sidewalk, as defined in s.

"Access device" has the same meaning as set forth in Federal Reserve Board Regulation E, 12 C.F.R. part 205, promulgated pursuant to the Electronic Fund Transfer Act, 15 U.S.C. ss. 1601 et seq.

"Automated teller machine" means any electronic information processing device located in this state which accepts or dispenses cash in connection with a credit, deposit, checking, or convenience account. The term does not include devices used solely to facilitate check guarantees or check authorizations or which are used in connection with the acceptance or dispensing of cash on a person-to-person basis,

"Candlefoot power" means the light intensity of candles on a horizontal plane at 36 inches above ground level and 5 feet in front of the area to be measured. "Control," with respect to an access area or defined parking area, means to have the present legal authority to determine how, when, and by

whom such area is to be used, and how such area is to be maintained, lighted, and landscaped. If an operator leases an access area or defined parking area as lessee, such lessee shall not be considered to have control for the purposes of ss. 655.960-655.965. "Customer" means a natural person to whom an access device has been issued for personal, family, or household use. "Defined parking area" means that portion of any parking area open for customer parking which is contiguous to an access area with respect to an automated teller machine, is regularly, principally, and lawfully used for parking by users of the automated teller machine while

conducting automated teller machine transactions during the hours of darkness, and is owned or leased by the operator of the automated teller machine or owned or controlled by the party leasing the automated teller machine site to the operator. The term does not include any parking area which is not open or regularly used for parking by users of the automated teller machine who are conducting automated teller machine transactions during the hours of darkness. A parking area is not open if it is physically closed to access or if conspicuous signs indicate that it is closed. If a multiple level parking area satisfies the conditions of this subsection and would therefore otherwise be a defined parking area, only the single parking level deemed by the operator of the automated teller machine to be the most directly accessible to the users of the automated teller machine shall be considered a parking area.

"Financial institution office" means a main office or principal office, as defined in s. 655.005, and a branch or branch office as defined in s.

"Hours of darkness" means the period that commences 30 minutes after sunset and ends 30 minutes before sunrise. "Operator" means any financial institution, as defined in s. 655.005, other business entity, or any person who controls the use or operation by a customer or other member of the general public of an automated teller machine. An operator controls the use or operation of an automated teller machine for the purposes of ss. 655.960-655.965 if such person or entity has the present legal authority to determine when and by whom the automated teller machine may be used or operated and how it is to be maintained in compliance with the provisions of ss. 655.960-655.965. An operator does not include any person or entity which is not a financial institution, if the primary function of such person or entity is to provide data processing services for automated teller machine transactions or to provide for the exchange, transfer, or dissemination of electronic funds transfer data.

Terms which are defined in the financial institution codes, unless the context otherwise requires, have the meanings ascribed to them therein for purposes of ss. 655.960-655.965.

655.962 Lighting; mirrors; landscaping. --Each operator, or other person responsible for an automated teller machine pursuant to ss. 655.960-655.965, shall provide lighting during the hours of darkness with respect to an open and operating automated teller machine and any defined parking area, access area, and the exterior of an enclosed automated teller machine installation, as follows:

There shall be a minimum of 10 candlefoot power at the face of the automated teller machine and extending in an unobstructed direction There shall be a minimum of 2 candlefoot power within 50 feet in all unobstructed directions from the face of the automated teller machine. If the automated teller machine is located within 10 feet of the corner of the building and the automated teller machine is

generally accessible from the adjacent side, there shall be a minimum of 2 candlefoot power along the first 40 unobstructed feet of

There shall be a minimum of 2 candlefoot power in that portion of the defined parking area within 60 feet of the automated teller The operator shall provide reflective mirrors or surfaces at each automated teller machine which provide the customer with a rear

view while the customer is engaged in using the automated teller machine. The operator, or other person responsible pursuant to ss. 655.960-655.965 for an automated teller machine, shall ensure that the height of any landscaping, vegetation, or other physical obstructions in the area required to be lighted pursuant to subsection (1) for any open and operating automated teller machine shall not exceed 3 feet, except that trees trimmed to a height of 10 feet and whose diameters are less than 2 feet and manmade physical obstructions required by statute, law, code, ordinance, or other governmental regulation shall not be affected by this subsection.

655.964 Application .--The provisions of ss. 655.961 and 655.962 do not apply to any automated teller machine which is: Located inside of a building, unless it is a freestanding installation which exists for the sole purpose of providing an enclosure for

the adjacent side of the building

the automated teller machine. Located inside a building, except to the extent a transaction can be conducted from outside the building. Located in any area, including any access area, building, enclosed space, or parking area which is not controlled by the operator. The provisions of ss. 655.960-655.965 shall not be construed to create any duty, responsibility, or obligation for any person or entity whose

primary function is to provide for the exchange, transfer, or dissemination of electronic funds transfer data and is not otherwise a financial

institution, as defined in s. 655.005, or an operator. Except as expressly provided, the provisions of this section and ss. 655.960-655.964 supersede and preempt all rules, regulations, codes, or ordinances of any city, county, municipality, or other political subdivision of this state, and of any local agency regarding customer safety at automated teller machines located in this state.



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> ANDREW MOHR FL PE# 73077

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ISSUE	BY	DATE	DESCRIPTION
	K,V	05/15/25	PERMIT SET
1	K,V	10/01/25	CRL 1

PROJECT INFORMATION BLOCK

JOB# 240661/15-386.00 DATE: 10/01/2025 DRAWN BY: CHECKED BY: AM

SHEET TITLE

ELECTRICAL SITE DETAILS

SHEET NUMBER



CUSTOMER NAME PROJECT NAME _ CATALOG NUMBER _

EALS Series

LED Outdoor Area Light

The EALS Area Light luminaire offers a wide range of optical patterns, color temperatures, lumen packages and mounting configurations to optimize area light applications, as well as provide versatility in lighting design within the same formfactor. They are ideal for commercial property site-lighting applications such as retail and commercial exteriors.

Construction **Lumen Maintenance**

Housing:	Aluminum die cast enclosure. Integral heat sink for maximum heat transfer
Lens:	Impact resistant tempered glass
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze Gray, White (RAL & custom colors available) Optional = Coastal Finish
Weight:	27 lbs

Optical System

	7,000 - 30,300 Type II, III, IV & V
Efficacy:	126 - 160 LPW 3000K, 4000K, 5000K
CRI:	≥70
Upward Light Output Ration (ULOR):	0 Horizontal Orientation

Input Voltage:	120-277V, 277-480V & 347-480V
Input Frequency:	50/60 Hz
Power Factor (PH):	> 90% at rated watts
Total Harmonic	< 20% at rated watts

Surge Protection

6kV/3kA*	10kV/5kA*	20kV/10kA
----------	-----------	-----------

OPTICS	LXX(10K) @ HOURS					
OFFICS	25,000 HR	50,000 HR	60,000 HR			
C2, C3, C4, C5, D2, D3, D4, D5	L96	L92	L91			
F5, H2, H3, H4, H5	L95	L93	L92			
F2, F3, F4, J3, J3, J4, J5	L95	L93	L92			
K2, K3, K4, K5	L95	L93	L92			

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (*C)	INITIAL PLOX PACTO
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00		

Luminaire Ambient Temperature Factor

Ratings

Operating Temperature:	-40° C to 40° C
	3G per ANSI C136.31-2010 Testing in accordance with IESNA Standards

Controls

Dimming:	Standard - 0-10V Optional - DALI (Option U)
Sensors:	Photo Electric Sensors (PE) available LightGrid and Daintree Compatible

Warranty



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Current @ (Rev 06/26/23)

OLP3111_R04

EVOLVE

LED Outdoor Area Light

Ordering Information

EALS Series

EALS 03

without notice. All values are design or typical values when measured under laboratory conditions.

CUSTOMER NAME

CATALOG NUMBER

D = ANSI C136.417-Pin Receptacle with

for round or

St^{4, 6} = Knuckle Slipfitter: For 2.3 in. -3.0 in OD Tenon

V1^{4,6} = Knuckle Wall Mount

E³ = ANSI K1⁴.6 =
C136.41 Knuckle
7-pin with Slipfitter:
NonDimming 2.3 in
PE Control OD Tenon

- -- --- ---

Dark (Sensor Switch)

WHTE = H2 = Daintree enabled White motion sensor^{14, 16}

J = cUL/Canada

L = Tool-Less Entry

R = Enhanced Surge

S112 = Rotated Left

S2¹² = Rotated Right

T = Extreme Surge Protection

U 7 = DALI Programmable

Y10 = Coastal Finish

XXX = Special Options

V = 3 Position Terminal Block

(10kV/5kA)

PROJECT NAME

DATE ___

__ __ _

High Angle

RODUCT ID GENERATION VOLTAGE OPTICAL CODE DISTRIBUTION CRI CCT

E¹⁹ = 277-480V Fx = 15000 lm SH =

Hx = 20000 lm AF =

Kx = 30000 lm AW =

3 = 240V

4 =277V

D = 347V

5 = 480V

¹ Not Available with Fusing, Must Choose a Discrete Voltage with "F" Option Code

Required for Cx optical codes only, not available for other optic codes

Compatible with LightGrid Wireless Control Nodes, Not Compatible with Motion Sensor Control

Recommended for installations within 750 feet from coast. Lead time varies, check with factory.

¹² For aimed left of right light distribution orientation, as assembled in manufacturing. Not applicable for Symmetric Distributions

² Note Standard Dimming is 0-10V ³ Not available in 277-480V

9 Only available with F,H,J,K optics

⁸ Not available in 347V, 480V or 347-480V

¹¹ Select 3000K CCT for IDA approved fixtures.

¹⁵ DALI option not available with 347V, 480V, or 347-480V

Supplied with 3ft leads

14 Not available with DALI

5 Supplied with 16/3 ft Cable 6 Restricted Aiming Angle of 0-45°

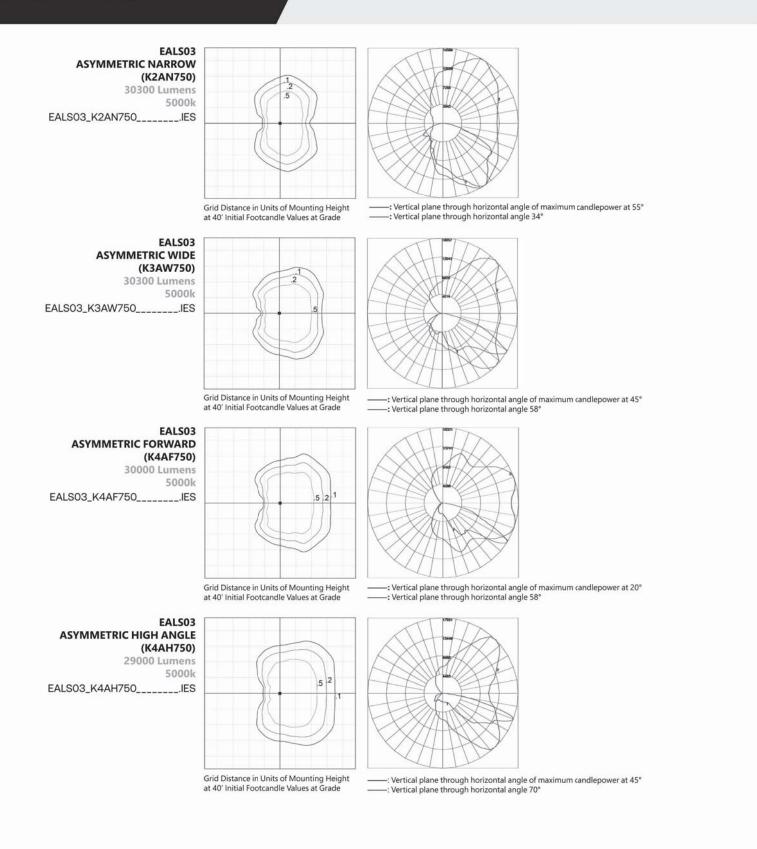
> (Rev 06/26/23) OLP3111_R04

EVOLVE

EALS Series LED Outdoor Area Light

CUSTOMER NAME PROJECT NAME DATE ____

CATALOG NUMBER





25,000 HR 50,000 HR 60,000 HR 03 - 09 A, B L97 L96 L95 Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to Paint: powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze **Luminaire Ambient Temperature Factor Weight:** 29.8 lbs. (13.5 kgs.) – 30.8 lbs. (14.0 kgs.) pient Temp (°C) Initial Flux Factor Ambient Temp (°C) Initial Flux Factor 10 1.02 30 0.99 20 1.01 40 0.98 25 1.00 50 0.97 Ratings Operating -40°C to 50°C Temperature: Vibration: 2G per Per ANSI C136.31-2010 LM-79: Testing in accordance with IES Standards Controls Input Voltage: 120-277V and 347-480V Dimming: Standard - 0-10V Optional - DALI (Option U) Sensors: Photo Electric Sensors (PE) available

LightGrid Compatible

Surge Protection				
STANDARD	OPTIONAL			
6kV/3kA	10kV/5kA			

*Per ANSI C136.2-2015

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without notice. All values are design or typical values when measured under laboratory conditions.

Corrosion resistant polyester

RAL & custom colors available

Optical System

Lumens: 2,900 - 9,500

Distribution: Symmetric Type V

Efficacy: 103 - 118 LPW

Electrical

Power Factor: ≥ 90% at rated watts

Total Harmonic Distortion: ≤ 20% at rated watts

LED.com

CRI (Min): ≥70

Input Frequency: 50/60Hz

Current @

CCT: 3000K, 4000K

Asymmetric Type III



Warranty





OLP2091EvolveEPTCLEDTwinSupportTownAndCountry_R05



Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualifications.

Page 1 of 4

(Rev 05/12/23)

EVOLVE

Current @

EPTC Twin Support Contemporary LED Post Top Light Catalog Logic & Spec Tables

Ordering Information

EPTC 02

____ ____ PROD. ID GEN VOLTAGE LUMENS DISTRIBUTION CCT TOP TYPE COLOR P = Post Top 04 = 4000 lm | B = Asymmetric | 40 = 4000K | A = 7-Pin PE Receptacle | B = Tiered Cone Type III 05 = 5000 lm D = 7-Pin PE Receptacle XXX = Special Options w/ Shorting Cap 06 = 6000 lm E = 7-Pin PE Receptacle w/ non Dimming PE 07 = 7000 lm 08 = 8000 lm 09 = 9000 lm

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without notice. All values are design or typical values when measured under laboratory conditions.

¹ Not available for 03 thru 06 lumen codes ² Not available for 347-480V 3 Not available with DALI

Current @

OPTICAL DIST CODE	DIST CODE	TYPICAL INITIAL LUMEN OUTPUT		TYPICAL SYSTEM WATTAGE		BUG RATINGS	
	DIST CODE	4000K	3000K	120-277V	347-480V	4000K	3000K
03		3100	2900	27	N/A	B2-U0-G1	B2-U0-G1
04		4100	3800	35	N/A	B2-U0-G1	B2-U0-G1
05		5100	4800	43	N/A	B3-U0-G1	B3-U0-G1
06	Symmetric Type V	6400	6000	54	N/A	B3-U0-G1	B3-U0-G1
07		7300	6900	6	55	B3-U0-G1	B3-U0-G1
08		8400	7900	7	' 4	B3-U0-G2	B3-U0-G2
09		9500	8800	8	35	B3-U0-G2	B3-U0-G2
03		3100	2900	27	N/A	B1-U0-G1	B0-U0-G1
04		4100	3800	35	N/A	B1-U0-G2	B1-U0-G1
05		5100	4800	43	N/A	B1-U0-G2	B1-U0-G2
06	Asymmetric Type III	6400	6000	54		B1-U0-G2	B1-U0-G2
07		7300	6900	6	55	B1-U0-G2	B1-U0-G2
08		8400	7900	7	'4	B1-U0-G2	B1-U0-G2
09		9500	8800	8	35	B1-U0-G2	B1-U0-G2

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For additional information on EPTC IES files, please refer to LED.com

DIC
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Page 2 of 4

OLP2091EvolveEPTCLEDTwinSupportTownAndCountry_R05

(Rev 05/12/23)

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H R

Page 4 of 9

(Rev 06/26/23)

OLP3111_R04

SOUTH AY BEA

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SEAL	
JLAL	ANDREW MOHR
	FL PE# 73077

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1 K,V 10/01/25 CRL 1

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PROJECT INFORMATION BLOCK JOB# 240661/15-386.00 DATE: 10/01/2025 **DRAWN BY:** CHECKED BY: AM

SHEET TITLE

EXTERIOR LIGHTING CUTSHEETS

SHEET NUMBER

XSPS

DFL - Diffused Acrylic CMT - Channel Bar Mounting Kit

BB - Emergency Battery Pack¹

GWT - Gloss White

1 - Emergency Battery Pack only available on the SS - 4000 lumen version (120, 208, 240 & 277V versions).

PERFORMANCE

XSPS - LED Soffit

					3000K CCT			4000K CCT			5000K CCT		
Lumen Package	Distribution	Lens Type	CRI	Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	Wattage
SS	S	DFL	80	3816	123	B2-U0-G1	4022	129	B2-U0-G1	3966	128	B2-U0-G1	31
НО	S	DFL	80	4756	120	B2-U0-G1	5011	127	B2-U0-G1	4941	125	B2-U0-G1	40
VHO	S	DFL	80	5733	118	B2-U0-G1	6041	124	B2-U0-G1	5957	122	B2-U0-G1	49
SH0	S	DFL	80	7559	113	B3-U0-G1	7965	119	B3-U0-G1	7853	118	B3-U0-G1	67

120 - 120V 208 - 208V

240 - 240V

FEATURES & SPECIFICATIONS

Construction

Lumen Package

Wattage Range

Weight lbs (kg)

Efficacy Range (LPW)

 Housing is die-formed aluminum with diffuse acrylic lens providing a waterresistant seal. Enclosure contains factory prewired driver and optical unit containing LEDs.

4000 - 8000

43 -59

96 -104

7.6 (3.5)

- Recess mount into an enclosed soffit with screws through the mounting frame. 8" clearance required for ease of installation.
- Finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard
- Shipping weight: 7.6 lbs in carton.
- · Suitable for wet locations.

Optical System

color is gloss white.

- Symmetric distribution with excellent uniformity and a BUG rating of B2-UO-G1. Diffuse lens is standard to minimizing visibility of LEDs.
- Select high-brightness LEDs.
- Available in 5000K, 4000K and 3000K
- Color temperatures per ANSI C78.377. · Minimum CRI of 80.

Electrical

QUICK LINKS

- High-performance factory programmable driver features over-voltage, under voltage, short-circuit and over temperature protection with integral surge protection that meets IEEE C62.41.2 and ANSI C82.77.
- 0-10 volt dimming (10% 100%) standard. 120-347VAC 50/60Hz

-5 Location Category C Low standards.

- Thermal protector standard on 5000-8000 lumen versions.
- L80 Calculated Life: >100k Hours (See
- Lumen Maintenance chart) Total harmonic distortion: <20%
- Operating temperature: -40°C to 40°C
- (-40°F to 95°F) for SHO.
- Power factor: >0.90 · Input power stays constant over life.
- · High-efficacy LEDs with integrated circuit board mount to the housing to maximize heat dissipation and promote long life.
- · Driver components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.

- Listed to UL 1598 and UL 8750
- · Meets Buy American Act requirements.
- product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights. org/QPL to confirm which versions are
- 45°C (-40°F to 113°F) for SS. -40°C to 35°C temperature.

Ordering Guide Performance Photometrics Dimensions

LSI luminaires carry a 5-year limited
warranty. Refer to https://www.lsicorp.com/
resources/terms-conditions-warranty/ for
more information.

- Suitable For Damp Locations
- DesignLights Consortium® (DLC) qualified
- (-40°F to 104°F) for HO and VHO. -40°C to IDA compliant with 3000K or lower color

Electrical Data (Amps)*

nen Package	Wattage	120V	208V	240V	277V	347V
SS	31	0.26	0.15	0.13	0.11	0.09
НО	40	0.33	0.19	0.16	0.14	0.11
VHO	49	0.41	0.23	0.2	0.18	0.14
SH0	67	0.56	0.32	0.28	0.24	0.19

LED SS - 4,000 Lumens HO - 5,000 Lumens NW - 4000K 80 CRI

VHO - 6,000 Lumens WW - 3000K 80 CRI

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

LEDs are frequently updated therefore values are nominal.

RECOMMEND	ED LUMEN M	AINTENANCE			
Ambient Temp C	Initial ¹	25K hrs.1	50K hrs.1	75K hrs. ²	100K hrs. ²
25 C	100%	95%	91%	86%	82%

- 1 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under
- 2 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

TYPICAL ORDER EXAMPLE: XWM 2 LED 03L 30 UE BRZ ALSC

2 - Type 2 **3** - Type 3

4 - Type 4

BLK - Black

BRZ - Dark Bronze

GMG - Gun Metal Gray

MSV - Metallic Silver

PLP - Platinum Plus

SVG - Satin Verde Green

FT - Type 4 Forward Throw

SPEC.2036.A.0320

A Have questions? Call us at (800) 436-7800

ORDERING GUIDE

XWM - Mirada Medium Wall Sconce

UE - Universal Voltage (120-277V)

Need more information?
Click here for our glossary

FK120 - Single Fusing

FK1207

HV - High Voltage (347-480V)

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Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Blank - None

Wireless Controls

Standalone Controls

Button Type Photocells

PCI208-277 - 208 -277V

PCI120 - 120V

PCI347 - 347V

ALSC - Airlink Synapse Control System

ALSCS01 - AirLink Synapse Control System with 8-12' Motion Sensor

DIM - 0-10v Dimming leads extended to housing exterior

ALSCSO2 - AirLink Synapse Control System with 12-20' Motion Sensor

IMSBT1 -Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)^{3,4}

IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)^{3,4}

5 Not available in HV.

6 Accessories are shipped separately and field installed.

Fusing must be located in a hand hole for pole or in the junction box

ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH)³

ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH)³

Lumen Package

4L - 4,000

6L - 6,000

8L - 8,000

12L - 12,000

15L - 15,000 **18L** - 18,000 21L - 21,000

Custom Lumen Packages¹

SPEC.2036.A.0320

Back to Quick Links

Color Temperature

AMB - Phosphor Converted Amber²

30 - 3000K

40 - 4000K

50 - 5000K

Blank - None

BB - Battery Back-up (0°C)5

XPMA - Pole Mounting Bracket

Have additional questions?
Call us at (800) 436-7800

SP1 - 10kV Surge Protection

TB - Terminal Block

CWBB - Cold Weather Battery Backup (-20°C)5

Mirada Medium Wall Sconce (XWM)

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Outdoor Wall Sconce







OVERVIEW					
Lumen Package	3,000 - 21,000				
Wattage Range	23 - 175				
Efficacy Range (LPW)	125 - 158				
Weight lbs(kg)	27 (12.2)				
Control Options	IMSBT, ALB, ALS, PC				

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FEATURES & SPECIFICATIONS

Construction Rugged die-cast aluminum housing contains

- factory prewired driver and optical unit. Hinged die-cast aluminum wiring access door located underneath. Galvanized-steel universal wall mount bracket
- comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire. Optional pole-mounting bracket (XPMA)
- permits mounting to standard poles. Fixtures are finished with LSI's DuraGrip*

polyester powder coat finishing process. The

DuraGrip finish withstands extreme weather

changes without cracking or peeling. Other

standard LSI finishes available. Consult

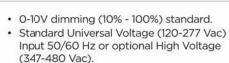
transmittance of 93-95%.

- Max shipping weight: 30lbs in carton **Optical System**
- State-of-the-Art one piece silicone optic provides industry leading optical control while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, 4, and FT distributions. · Silicone optical material does not yellow or crack with age and provides a typical light
- Zero uplight. Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.

Minimum CRI of 70. Electrical

available.

· High-performance programmable driver features over-voltage, under-voltage, shortcircuit and over temperature protection Custom lumen and wattage packages



- L80 Calculated Life: >100k Hours Total harmonic distortion (THD): <20% • 3L to 12L operating temperature: -40°C to
- +50°C (-40°F to +122°F)
- 15L operating temperature: -40°C to +45°C 18L operating temperature: -40°C to +40°C
- (-40°F to +104°F). 21L operating temperature: -40°C to +35°C (-40°F to + 95°F). Power factor (PF): >.90
- Input power stays constant over life. Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- · High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation Components are fully encased in potting material for moisture resistance. Driver
- complies with FCC standards. Driver and key electronic components can easily be accessed via hinged door. Optional integral emergency battery pack provides 90-minutes of constant power to
- the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode. Controls
- Integral passive infrared Bluetooth™ motion sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.

Performance Photometrics Dimensions

a fully customizable schedule.

LSI's AirLink™ Blue lighting control system is a simple feature rich wireless Bluetooth mesh network. The integrated fixture sensor module provides wireless control of grouped

Installation · Universal wall mounting plate easily mounts

fixtures based on motion sensors, daylight or

- directly to 4" octagonal or square junction 2 fasteners secure the hinged door
- underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing. Optional terminal block accepts up to 12 ga
- Warranty
- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/ terms-conditions-warranty/ for more · 1 Year warranty on Battery Back-up option.

Listed to UL 1598 and UL 8750. Meets Buy American Act requirements.

- IDA compliant; with 3000K or lower color temperature selection. Title 24 Compliant; see local ordinance for qualification information.
- · Suitable for wet Locations. · IP65 rated luminaire per IEC 60598. • 3G rated for ANSI C136.31 high vibration applications when pole mounted (using

optional XPMA bracket) or wall mounted.

 IKO8 rated luminiare per IEC 66262 mechanical impact code DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm

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SPEC.1024.C.0823

which versions are qualified.

FK277 - Single Fusing FK3477 FK347 - Single Fusing DFK - Double Fusing DFK - Double Fusing (240V) DFK - Double Fusing (480V)

FUSING ACCESSORY ORDERING INFORMATION⁶

XWM Wet Location Surface Conduit/Wiring Box 10' Linear Bird Spike Kit (2' Recommended per Luminaire)

MOUNTING ACCESSORY ORDERING INFORMATION⁶

Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed. Only available in 6L Lumen Package, Consult factory for lead time and availability. IMSBT and ALBCS control options are not available in 3L or 4L lumen packages when high voltage (HV) is specified. IMSBTxL is field configurable via the Leviton app that can be downloaded from your smartphone's app store.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • (513) 372-3200 • www.lsicorp.com

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8 "CLR" to be replaced by paint finish selection. See Finish options for paint color selections.

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LED LIGHT ENGINE

EFFICACY

CCT @ 90CRI

COLOR QUALITY

LED LIFETIME

ED5AIC, ED5ANC, ED5NC, ED5RM ED5LAIC, ED5LANC, ED5LNIC, ED5LRIC **ED5SNIC** SPEC-00273 NEW ECO, 5", V-8.0, UPDATED 05/19/2023



ED5ANC, ED5LANC ED5RM, ED5LRIC SILENT VU™ OPTICS TECHNOLOGY RATED WATTAGE 29.5W, 24W, 15.3W OPTICS 50° Installed, 10°, 30°, 80° available DELIVERED LUMENS Up to 2657 lm **ADJUSTABLE** 0° to 45° tilt (Adjustable housings only) Up to 104 LPW Clear, Solite, Frosted, Linear Spread 2700K, 3000K, 3500K, 4000K, Warm Dim POWER SUPPLY 90+ CRI, 2-Step SDCM 120/277V, 50/60Hz INPUT VOLTAGE 55,000 hours @ L90 DIMMING TRIAC, ELV, 0-10V, dims to 1% **DELIVERED LUMENS MATRIX** SERVICABILITY Below Ceiling Access FD5 (29.5W) 10° Ontic 30° Ontic 50° Ontic 80° Ontic

ECO 5" LED DOWNLIGHT

ED5 (29.5W)	10° Optic	30° Optic	50° Optic	80° Optic	
2700K (90CRI)	2275 lm	2403 lm	2139 lm	1624 lm	TRIM OPTIONS
3000K (90CRI)	2458 lm	2597 lm	2311 lm	1755 lm	 Fixed or Adjustable
3500K (90CRI)	2516 lm	2657 lm	2366 lm	1796 lm	Round or Square
4000K (90CRI)	2590 lm	2735 lm	2435 lm	1849 lm	Standard or Trimless Wall Wash
ED5 NIC, RIC (15.3W)	10° Optic	30° Optic	50° Optic	80° Optic	Wet Location
Warm Dim (98 CRI, R9>90)	1030 lm	1081 lm	992 lm	723 lm	HOUSING INSTALLATION
ED5 AIC, ANC (24W)	10° Optic	30° Optic	50° Optic	80° Optic	New Construction includes (2)
Warm Dim (98 CRI, R9>90)	1472 lm	1545 lm	1418 lm	1033 lm	Remodel option available
10					 5/8" ~ 2" ceiling thickness
ED5L (15.3W)	10° Optic	30° Optic	50° Optic	80° Optic	Min Plenum Height: 2½" Shal
2700K (90CRI)	1348 lm	1424 lm	1268 lm	963 lm	Ceiling Material: Drywall, T-ba
3000K (90CRI)	1457 lm	1539 lm	1370 lm	1040 lm	Steel junction box with up to (
3500K (90CRI)	1491 lm	1575 lm	1402 lm	1065 lm	AIC, NIC, RIC, SNIC models an
4000K (90CRI)	1535 lm	1621 lm	1443 lm	814 lm	AIC, SNIC models are CCEA or
					(Note: polycell spray-in foam insul
ED5S (24W)	10° Optic	30° Optic	50° Optic	80° Optic	(total parjoon op aj in talin inde
2700K (90CRI)	1953 lm	2063 lm	1836 lm	1394 lm	LISTINGS AND WARRANTY
3000K (90CRI)	2110 lm	2229 lm	1984 lm	1507 lm	cULus Listed
3500K (90CRI)	2160 lm	2282 lm	2031 lm	1542 lm	UL Listed for Damp Location (All Styl
4000K (90CRI)	2223 lm	2348 lm	2090 lm	1587 lm	IC Rated and Non IC Rated Available
Warm Dim (98 CRI, R9>90)	1472 lm	1545 lm	1418 lm	1033 lm	Five (5) years limited warranty

TRIM OPTIONS TRIM COLORS Fixed or Adjustable Black w/ White Flange White Round or Square Silver w/ White Flange

Black

Champagne

Champagne w/ White Flange

HOUSING INSTALLATION New Construction includes (2) galvanized steel adjustable hanger bars Remodel option available

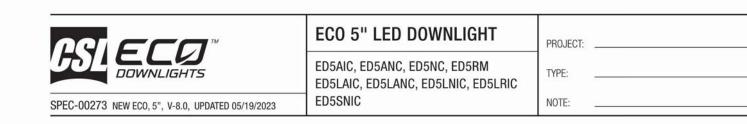
5/8" ~ 2" ceiling thickness Min Plenum Height: 21/2" Shallow Ceiling Material: Drywall, T-bar grid Steel junction box with up to (4) 1/2" knockouts

AIC, NIC, RIC, SNIC models are Air Tight AIC, SNIC models are CCEA compliant. (Note: polycell spray-in foam insulation must be kept 3" from housing)

cULus Listed ASTM E283 Certified Airtight (AIC, NIC, RIC, SNIC Models) UL Listed for Damp Location (All Styles) UL Listed for Wet Location (Wet Location Trim Style) IC Rated and Non IC Rated Available CCEA (Chicago Plenum) Approved (AIC, SNIC Models) Five (5) years limited warranty CA Title 24-JA8 Compliant (AIC, NIC, RIC, SNIC Models)

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ORDER MATRIX

ECO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5AIC-309050-30S)

	HOUSING BASE	LED P	ERFORMANO	E	DRIVER /	ASSEMBLY
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED5 ECO 5"	AIC (Adjustable New Construction, IC, CCEA) ANC (Adj New Construction) NC (New Construction) RM (Remodel)	-27 (2700K) -30 (3000K) -35 (3500K) -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-30 (29.5W)	S Universal Dimming Drive (1%-100% 0-10V, TRIA ELV, 120V/277V)
ED5 ECO 5" Warm Dim	AIC¹ (Adjustable New Construction, IC, CCEA) ANC¹ (Adj New Construction) NIC¹ (New Construction IC) RIC¹ (Remodel IC)	-WD² (1800K~3000K) Warm Dim	98 (98 CRI) Warm Dim	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-16¹ (15.3W) NIC or RIC Installation Type only -25¹² (24W) AIC or ANC Installation Type only	S Universal Dimming Drive (1%-100% 0-10V, TRIAC ELV, 120V/277V)

ECO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5LAIC-309050-16S2)

NIC or RIC Installation Type and Wattage Code -16.

HOUSING BASE		LED	PERFORMANCE	DRIVER ASSEMBLY		
FAMILY APERTURE	INSTALLATION TYPE	ССТ	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED5L EC0 5" LPD	AIC (Adjustable New Construction, IC, CCEA) ANC (Adj New Construction) NIC (New Construction IC) RIC (Remodel IC)	-27 (2700K) -30 (3000K) -35 (3500K) -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-16 (15.3W)	S2 Phase Control Dimming Driver (1%-100% TRIAC, ELV, 120V/277V)

FCO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: FD5SNIC-309050-25S)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED5S ECO 5" Shallow	NIC (Shallow Plenum New Construction, IC, CCEA)	-27 (2700K) -30 (3000K) -35 (3500K) -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-25 (24W)	S Universal Dimming Driver (1%-100% 0-10V, TRIAC ELV, 120V/277V)
ED5S ECO 5" Shallow	NIC (Shallow Plenum New Construction, IC, CCEA)	-WD (1800K~3000K)	98 (98 CRI)	50 (50° Flood) Installed	-25 (24W)	S Universal Dimming Driver

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FIFTH THIRD

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ISSUE BY DATE DESCRIPTION K,V 05/15/25 PERMIT SET 1 | K,V | 10/01/25 | CRL 1

PROJECT INFORMATION BLOCK JOB# 240661/15-386.00 DATE: 10/01/2025 **DRAWN BY: CHECKED BY:** AM

EXTERIOR LIGHTING

SHEET NUMBER

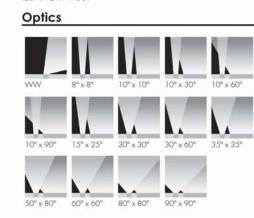
SHEET TITLE

CUTSHEETS

Speci	fication Sheet	
Project		
Type _	Catalog /	Part Number
	3	
1		
10		
4		
Photo	metric Summary	
ww		n) Intensity (peak cd) 10,795
8°x8' 10°x1'		59,238 33,872
10°x3 10°x6	0° 4,586	25,296
10°x9	0° 4,077	12,062 6,927
15°x2 30°x3		19,773 16,886
30°x6 35°x3	0° 4,035	5,317 11,616
50°x8	0° 4,656	3,904
60°x6 80°x8	0° 4,548	3,368 2,992
90°x9 Based on	HO 40K full output, 4ft [12	2,132 219mm],
DMX/RD 2.5° facto other opti	M configuration. ory-set tilt setting for WW or	otic, 0° tilt setting for all
	ric performance is measured	in compliance with
Optic	s	
w	8° x 8° 10° x 10°	10° x 30° 10° x 60°
10° × 90°	15° x 25° 30° x 30°	30° x 60° 35° x 35°
50° × 80°	60° × 60° 80° × 80°	90° x 90°
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lumenfacade WHITE AND STATIC COLORS Top view

y (peak cd) 0,795 19,238 33,872 tting for all



	temperatures, color-mixing systems, optics and controls. A unique asymmetric wallwash distribution is also available, providing exceptional uniformity and brightness for walls and signage.
Features	
Construction	Walk over compliant up to 500 kg in any type of ground, Walk over compliant up to 1000 kg in concrete
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
Length (nominal)	12 in, 24 in, 36 in, 48 in
Optics	Asymmetric wallwash, 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 15° x 25°, 30° x 30°, 30° x 60°, 35° x 35°, 50° x 80°, 60° x 60° 80° x 80°, 90° x 90°
Tilt Setting (factory set)	0 degrees, 2.5 degrees, 5 degrees, 20 degrees
Optical Option	Internal louver
Options	Anti-slip lens, CE (certification covers European Economic Area)
Power Consumption	5 W/ft (meets ASHRAE standards for linear lighting on building facades - not available for 12 in fixture lengths), 8.5 W/ft (RO version), 15.25 W/ft (HO version), Typically 20% higher for 12 in fixture lengths
Warranty	5-year limited warranty

this product at any time without prior notice and such modification shall be effective immediately

lumenfacade

Front and side views

The Lumenfacade Inground is an LED luminaire designed for ground-recessed lighting applications, including asymmetric wall washing, grazing, and linear wayfinding. An innovative,

plug and play design simplifies installation, protecting the

performance. Featuring second generation LED technology, the Lumenfacade Inground is available in four different sizes (12 in, 24 in, 36 in or 48 in), with a wide choice of outputs, color

system from water infiltration and ensuring long-lasting

WHITE AND STATIC COLORS

Maximum Delivered Output	4,730 lm (48 in fixture, 4000K, 30° x 30°, 0° tilt setting, DMX/RDM)
Maximum Delivered Intensity	59,238 cd at nadir (48 in fixture, 4000K, 8° x 8°, 0° tilt setting, DMX/RDM)
Illuminance at Distance	Minimum 1 fc at 243 ft (48 in fixture, 4000K, 8° x 8°, 0° tilt setting DMX/RDM)
Color Consistency	2 SDCM, 3 SDCM (2200K)
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 280,000 hrs, L95 35,000 hrs
Physical	
Optical Chamber Material	Aluminum
Blockout Material	Polymer recycled PVC reinforced with a stainless steel frame
Trim Material	Anodized aluminum
Lens Material	Tempered glass
End Cap Material	Die cast aluminum
Hardware Material	Stainless steel
Weight	12 in: 7.5 lbs, 24 in: 15.3 lbs, 36 in: 21.4 lbs, 48 in: 27 lbs
Electrical and control	
Voltage	120 to 277 volts
Fixture Cable	Power and data in one cable
Leader Cable Conductor	5C #16-5
Connectors	IP68 push-lock
Control	On/Off control, Lumentalk, 0-10V dimming, DALI dimming, Lutron® EcoSystem® Enabled dimming, DMX/RDM enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8 bit or 16-bit
Environmental	
Storage Temperature	-40 °F to 185 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Ingress Protection Rating	IP68 rated for up to 1 ft, not suitable for permanent immersion applications
Impact Resistance Rating	IK10
Accessories (order separately)	
Cables	Lumenfacade Inground Leader Cable, Lumenfacade Inground Jumper Cable
Electrical Accessories	Lumenfacade Inground Junction Box

lumenpulse [™]	1220 Marie-Victorin Blvd., Longueuil, QC, J4G 2H9, CA info@lumenpulse.com www.lumenpulse.com	T United States 617.307.5700 Canada 1.877.937.3003 514.937.3003 www.lumenpube.com/products/2556	F 514.937.6289
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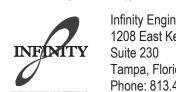
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1 K,V 10/01/25 CRL 1

PROJECT INFORMATION BLOCK 240661/15-386.00 JOB# DATE: 10/01/2025 DRAWN BY:

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EXTERIOR LIGHTING **CUTSHEETS**

SHEET NUMBER