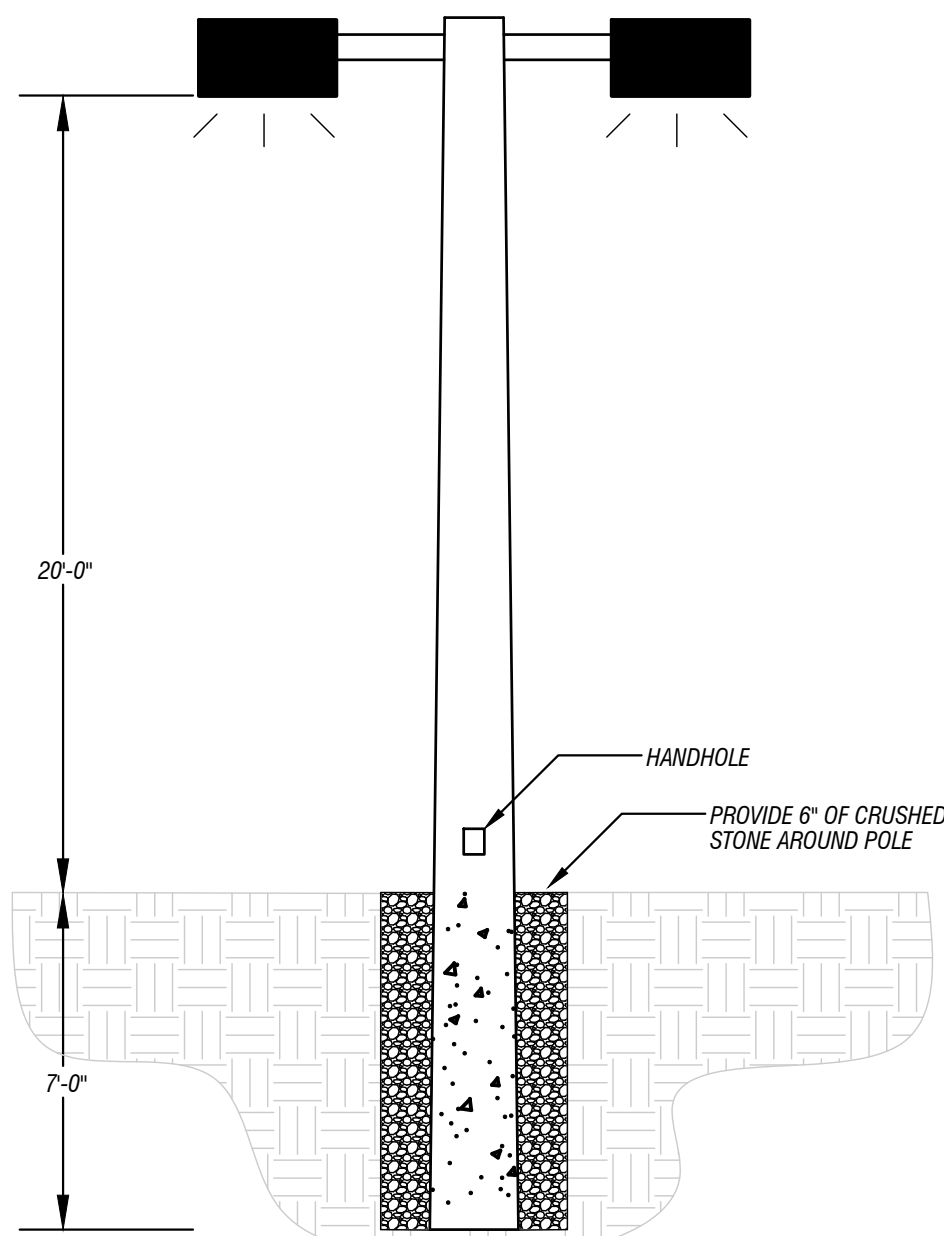


Mark	Lamp Data		Fixture Description	Fixture Data				Note
	No.	Type		Manufacturer	Catalog Number	Mount	Voltage	
SLA2	#	25246 LUMENS 4000K, 180W	BACK TO BACK LED AREA LUMINAIRE, MOUNTED 20' AFG ON ROUND TAPERED ALUMINUM POLE	LITHONIA	DSK0-LED-P5-40K-70C9-TSM-MVOLT-ALTAIR2-PRHM-XXXX	POLE	120	1
SLA3	#	37869 LUMENS 4000K, 270W	3-HEAD LED AREA LUMINAIRE, MOUNTED 20' AFG ON ROUND TAPERED ALUMINUM POLE	LITHONIA	DSK0-LED-P5-40K-70C9-TSM-MVOLT-ALTAIR2-PRHM-XXXX	POLE	120	1
POLE	#	N/A	25' ROUND TAPERED ALUMINUM SITE POLE, WITH 7' EMBEDMENT	XERTA	XERTA 2564-188-XXX-XX	POLE		1
L5	#	1026 LUMENS 4000K, 25W	BUILDING MOUNTED LED SCIENCE LIGHT, DIRECT/INDIRECT	LOWELL	LOWELL-219LED38-40K-120-XX-XX	WALL	120	2
L6	#	700 LUMEN 4000K, 9W	EXTERIOR WEATHER RATED LED DOWNLIGHT	LITHONIA	LBR4 MCH-57LM-40K-AR-LSS-WD-120	CANOPY	120	2
L6E	#	700 LUMEN 4000K, 9W	EXTERIOR WEATHER RATED LED DOWNLIGHT, INCLUDE EMERGENCY BATTERY BACKUP	LITHONIA	LBR4 MCH-57LM-40K-AR-LSS-WD-120-E10WCP	CANOPY	120	2

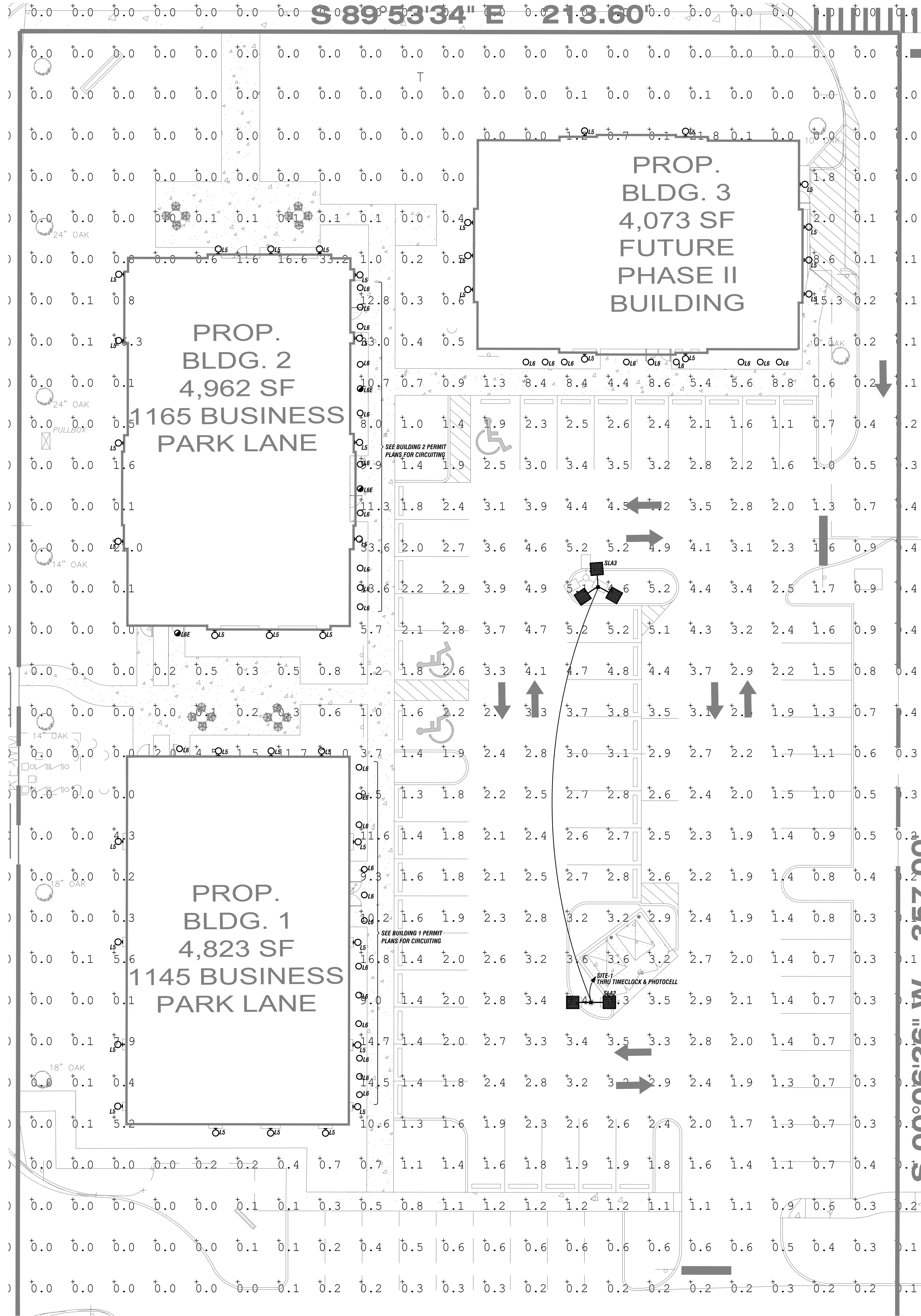
- LIGHTING FIXTURE SCHEDULE NOTES:**
(NOTE: NOTES APPLY TO ALL FIXTURES ABOVE. SOME ARE HIGHLIGHTED FOR EMPHASIS. HOWEVER, ALL NOTES APPLY. RFI ENGINEER IF THERE ARE ANY CONFLICTS, THAT IS WHY IT IS IMPORTANT TO ALWAYS SUBMIT SHOP DRAWINGS PRIOR TO ORDERING TO AVOID ISSUES.)
1. NO SUBSTITUTIONS.
 2. DO NOT ORDER LIGHT FIXTURES UNTIL ARCHITECT, CLIENT, OR TENANT HAVE SELECTED KELVIN TEMPERATURES AS KELVIN TEMPERATURES LISTED IN LIGHTING FIXTURE SCHEDULE ARE NOT INTENDED TO BE THE FINAL KELVIN TEMPERATURES TO BE ORDERED. NOTE: KELVIN TEMPERATURE ABOVE IS PLACEHOLDER ONLY. FINAL KELVIN TEMPERATURE WILL BE DETERMINED BY ARCHITECT, CLIENT, OR OTHERS PRIOR TO ORDERING, DURING SHOP DRAWING REVIEW.
 3. ALL FINISHES, COLORS, LENS TYPES, MOUNTING OPTIONS, AND ANY OTHER AESTHETIC ELEMENTS OF LIGHTING FIXTURES SHALL BE SELECTED BY ARCHITECT. VERIFY THESE OPTIONS WITH ARCHITECT PRIOR TO ORDERING. TYPICAL.
 4. CONTRACTORS BID SHALL INCLUDE SHIPPING/DELIVERY TIMES FOR EACH LIGHT FIXTURE TO IDENTIFY ANY LIGHT FIXTURES WITH POSSIBLE DELIVERY TIME ISSUES UP FRONT.
 5. BURIAL DEPTH OF POLE CAN BE LESS IF LIGHTING MANUFACTURER SUBMITS DIGITALLY SIGNED AND SEALED DETAIL WITH ACTUAL POLE AND ACTUAL SOIL CONDITIONS TO DEMONSTRATE A LOWER DEPTH IS ADEQUATE.

LIGHTING FIXTURE SCHEDULE

NOT TO SCALE



BURIAL DEPTH OF POLE CAN BE LESS IF LIGHTING MANUFACTURER SUBMITS DIGITALLY SIGNED AND SEALED DETAIL WITH ACTUAL POLE AND ACTUAL SOIL CONDITIONS TO DEMONSTRATE A LOWER DEPTH IS ADEQUATE.



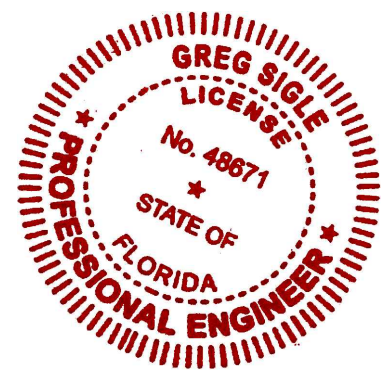
SITE PLAN - PHOTOMETRICS

SCALE: 1" = 1'-0"

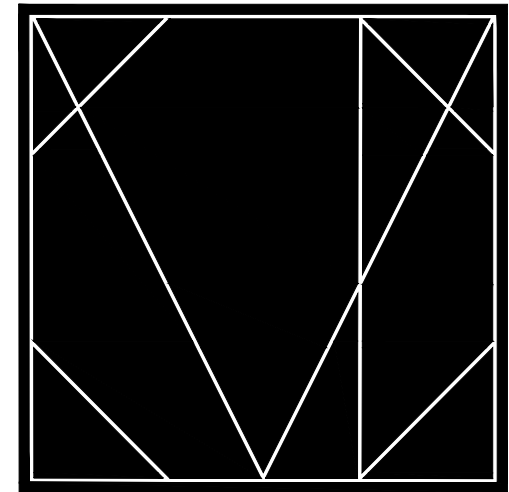
SITE PLAN NOTES:

1. THROUGH CONTACTOR #1 (12-POLE) AND PHOTOCELL/TIMECLOCK. #8 WIRING (PHASE, NEUTRAL AND GROUND CONDUCTORS) SHALL BE UTILIZED ENTIRE LENGTH OF CIRCUIT.
2. ALL SITE LIGHTING SHALL BE #8 MIN (PHASE, NEUTRAL AND GROUND CONDUCTORS) IN 2". ALL SITE LIGHTING WIRING SHALL BE CONTROLLED VIA CONTACTORS AND PHOTOCELL/TIMECLOCK. TYPICAL.

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2442-ES02
ARCHITECTURAL CONSULTING ENGINEERING, INC.
ELECTRICAL ENGINEER
651 MARSHALL LAKE RD, STE 100
APOPKA, FL 32703
PHONE: (407) 339-3060
FAX: (407) 862-1651
E-MAIL: gsigle@aca-mnp.com
GREG SIGLE, P.E.
P.E. LICENSE # 48671
EBN # 9682



CAMPBELL + VAN DUSEN
ARCHITECTURE INTERIOR DESIGN
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CAMPBELL + VAN DUSEN Design Studio, LLC
255 South Orange Avenue Suite #1240
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FL Lic. No. AA26003339

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FL LIC. NO. A00014053
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PROJECT DESCRIPTION:
HEATHROW CENTRE
SITE COMPONENTS
1145 BUSINESS CENTER DRIVE
1185 BUSINESS CENTER DRIVE
LAKE MARY, FLORIDA, 32746

CONSTRUCTION

DATE:
10.24.2025

REVISIONS:

NO.	DESCRIPTION	DATE

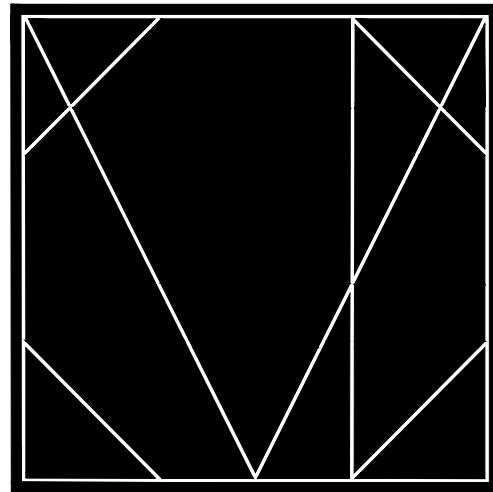
PROJECT TEAM:
PRINCIPAL IN CHARGE
G. SIGLE
PROJECT MANAGER
Z. AMATUCCI

CLIENT NAME:
Providence One Partners

PROJECT NUMBER:
24-0919-01

SHEET TITLE:
SITE PLAN -
PHOTOMETRICS, LIGHT
FIXTURE SCHEDULE

SHEET NUMBER:
E102



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ARCHITECT OF RECORD
FRANK W. CAMPBELL AIA
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PROJECT DESCRIPTION:
HEATHROW CENTRE
SITE COMPONENTS

11165 BUSINESS CENTER DRIVE
11185 BUSINESS CENTER DRIVE
LAKE MARY, FLORIDA, 32746

ISSUE FOR

CONSTRUCTION

10.24.2025

NO.	DESCRIPTION	DATE

PRINCIPAL IN CHARGE
G. SIGLE

Z. AMATUCCI

CLIENT NAME
Providence One Partners


24-0919-01

SITE PLAN - LIGHT FIXTURE
CUTSHEETS

SHEET NUMBER


E501

ESOT



D-Series Size 0

LED Area Luminaire



d-series

Specifications

EPA: 0.44 ft² (0.04 m²)

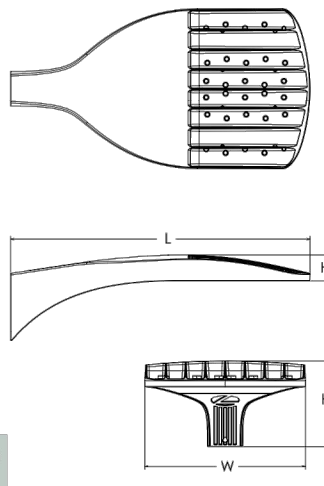
Length: 26.18" (0.67 m)

Width: 14.06" (0.36 m)

Height H1: 2.26" (0.06 m)

Height H2: 7.46" (0.19 m)

Weight: 23 lbs (10.4 kg)



CS Design Select option included for license background.

CS Design Select option included for license background.

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a luminaire, high efficiency, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole position and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

CS design select


Items marked with a **light bulb icon** qualify for the Design Select program and ship in 15 day lead time. To learn more about Design Select, visit www.lithonia.com/designselect.

*See ordering tree for details


Ordering Information

EXAMPLE: DSX0 LED P6 K40 70C3I T2M MVOLT SPA NLTAR2 PIRHN DBXB

Series	Form	Color temperature	Color rendering index	Finish	Voltage	Mounting
DSX0 LED	Forward optics	(this section T2C0 only)				
P1	P5	3000K	70CRI	AFR	TSM	IPWOL
P2	P6	4000K	70CRI	T15	T2C	IPWOL
P3	P7	5000K	70CRI	T16	T2C	IPWOL
				T17	T2C	IPWOL
				T18	T2C	IPWOL
				T19	T2C	IPWOL
				T20	T2C	IPWOL
				T21	T2C	IPWOL
				T22	T2C	IPWOL
				T23	T2C	IPWOL
				T24	T2C	IPWOL
				T25	T2C	IPWOL
				T26	T2C	IPWOL
				T27	T2C	IPWOL
				T28	T2C	IPWOL
				T29	T2C	IPWOL
				T30	T2C	IPWOL
				T31	T2C	IPWOL
				T32	T2C	IPWOL
				T33	T2C	IPWOL
				T34	T2C	IPWOL
				T35	T2C	IPWOL
				T36	T2C	IPWOL
				T37	T2C	IPWOL
				T38	T2C	IPWOL
				T39	T2C	IPWOL
				T40	T2C	IPWOL
				T41	T2C	IPWOL
				T42	T2C	IPWOL
				T43	T2C	IPWOL
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				T62	T2C	IPWOL
				T63	T2C	IPWOL
				T64	T2C	IPWOL
				T65	T2C	IPWOL
				T66	T2C	IPWOL
				T67	T2C	IPWOL
				T68	T2C	IPWOL
				T69	T2C	



ORDER NUMBER _____
 NOTES _____
 TYPE _____




SPECIFICATIONS


Height	19" (483 mm) w/C1
	19" (483 mm) w/C2
	26-5/8" (676 mm) w/C3
Width	6-7/16"
	5/4 mm
Weight	14lbs


LOWELL LED


HIGHLIGHTS

- Indirect and direct lighting
- Suitable for wet locations
- Integral 120V-277V driver
- Dimmable with low voltage magnetic dimmer
- Heat strengthen borosilicate glass lens
- Powder coated with a super durable TGIC powder coat finish
- 80CRI

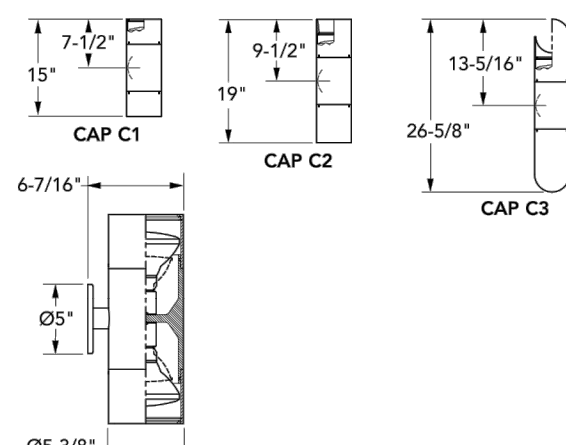




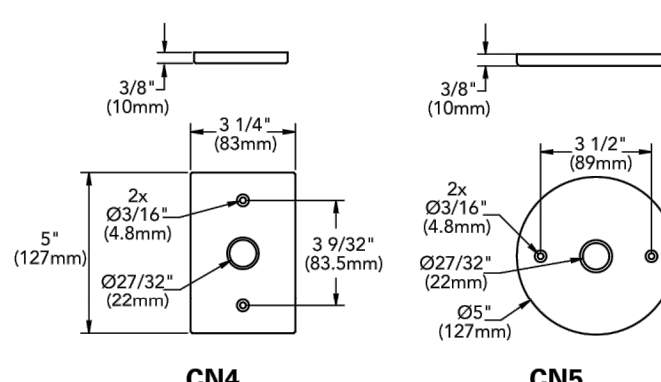




DIMENSIONS



Mounting



© 2011-2024 Acuity Brands Lighting, Inc. • One Lithonia Way, Conyers GA, 30012
 Phone: 800-705-SERV / 7378 • www.hydel.com

LOWELL LED | Rev. 06/28/24
 Page 1 of 3

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PROJECT NAME: _____
PROJECT TYPE: _____

○ Expedited Embedded Round Tapered Aluminum Pole

XERTA

Unique design which allows expedited, on-demand manufacturing and shipment of Embedded, Tapered Aluminum Poles to your desired length without alteration of the top and bottom Pole materials. Ensures that your desired Pole Length can be quickly specified and supplied with peace of mind that your Luminaire Couplings and Pole Attachments will all fit as designed.

Shaft

Spun tapered from 6063 alloy aluminum tubing. Heat treated to produce a T6 temper. Shaft is furnished with ground lugs located on cast aluminum base plate.

Embed and Direct Burial Detail

Designed for durability and stability, the bottom of the embedded pole is furnished with a flattened, oval cross-section to prevent rotation and ensure secure placement. Wide access holes are conveniently located 24 inches below the ground line for easy installation and maintenance. Due to varying soil conditions at different sites, it is essential that foundation requirements be assessed by a qualified Structural Engineer familiar with the specific soil characteristics of the job site. This ensures optimal performance and longevity of the installation.

Drilling Side Mount

A removable pole cap is included. Pole will be drilled to match U.S. Architectural Lighting luminaire mounting. Expedited, please specify DP after specified drill pattern. (example: 2"Ø180P)

Pole Top Mount

Standard pole top mount - #127, fabricated from 2.5" (2.875" O.D.) aluminum pipe - 7 foot options for #127 and #128 pole top plate see Mounting column. For other pole top configurations please consult factory.

Hand Hole Cover

Rectangular 3' x 5' slanted heavy gauge aluminum material Hand Hole Cover, 24" x 4" access opening. Sealed door is secured by a formed aluminum bar and a stainless steel, tamper proof screw.

Finish

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PS power wash at 140°F. Four step media blast and ion phosphate pretreatment for protection and paint adhesion. 400°F cure for maximum hardness and durability.

Pole Top Mounting
#127 - 2'Ø127 7' (7' max)
#128 - 2'Ø128 7' (7' max)
#128 - 2'Ø128 7' (7' max)

Drilling Side Mount

Hand Hole Cover
No Latching Bar

Mounting Height

Ground Line

Hand Hole
18" (Ø180mm)

Embed Depth
24" (Ø24mm)

8" Hole (Ø 187)


1-1/2" (Ø150mm) Flattened

Pole Model	Pole Bottom	Pole Top	Pole Height	Embed Depth
XERTA	4'-6"	3'-4"	16'-30"	5'-7"

U.S. Pole Company Inc. 640 West Avenue G, Remond, CA 93851
An Employee Owned Company Phone (866) 233-2000. www.usalighting.com

2024190

MADE IN USA 1

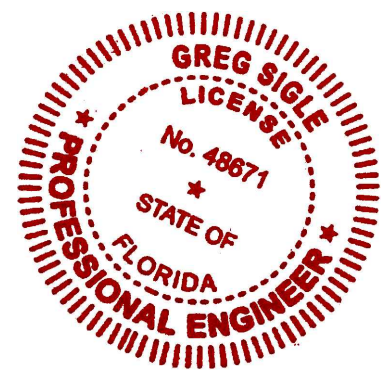


Expedited Embedded Round Tapered Aluminum Pole

WIND MAP

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2442-EDTL

**ARCHITECTURAL
CONSULTING
ENGINEERING,
INC.**

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