



ELECTRICAL SHEET INDEX		
E0.1	SITE PLAN - PHOTOMETRICS	
E0.2	ELECTRICAL LIGHT FIXTURE DESCRIPTIONS	

CALCULATION SUMMARY						
LABEL	UNITS	AVG	MAX	MIN	AVGMAX	MAXMIN
PROPERTY LINE	FC	0.02	0.3	0.0	N.A.	N.A.
PROPERTY	FC	0.57	41.4	0.0	N.A.	N.A.
PARKING	FC	1.49	2.9	0.6	2.48	4.83



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Tel: 952.278.8880

PROJECT

**CROW WING POWER
CU**

NEW BUILDING

**GOLF COURSE DRIVE
BAXTER, MN**

ISSUED SET 07/10/2026

REVISIONS

DATE NO

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Matthew W. Fullis

40887 07/10/2026
Reg No. Date



Emanuelson-Podas, Inc.
7705 Bush Lake Road
Edina, MN 55439

(952) 930-0050 | www.epinc.com

SITE PLAN - PHOTOMETRICS

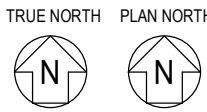
Drawn By: FSB Checked By: KDM

E0.1

HTG# 261115 EP#5400.0000
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1 SITE PLAN - PHOTOMETRICS

SCALE: 1"= 20'-0"



PROJECT

CROW WING POWER CU

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Matthew W. Pudas
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ELECTRICAL LIGHT FIXTURE DESCRIPTIONS

Drawn By: SF8

Checked By: KDM

E0.2

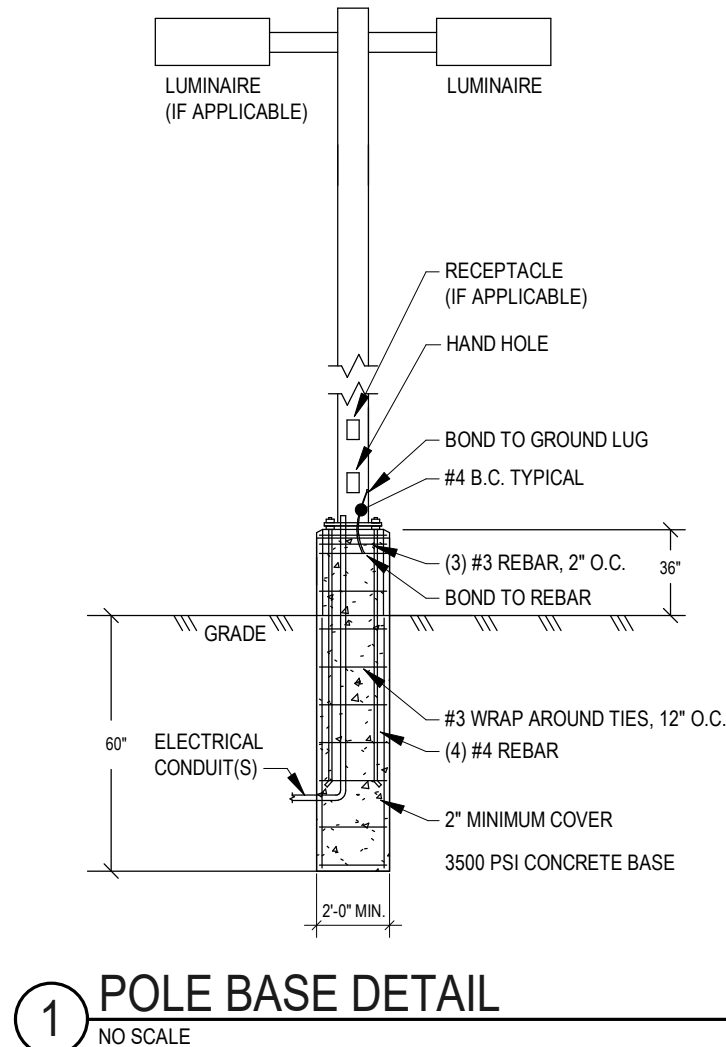
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EP#5400.0000

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LIGHT FIXTURE SCHEDULE

GENERAL NOTES:														
A. CATALOG NUMBER INDICATES BASIC FIXTURE TYPE REQUIRED FOR THIS PROJECT AND MAY NOT BE COMPLETE. VERIFY WITH MANUFACTURER TO INCLUDE ALL OPTIONS AND ACCESSORIES REQUIRED FOR THIS INSTALLATION.														
B. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING FIXTURE LOCATIONS, MOUNTING, AND REQUIREMENTS WITH ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS PRIOR TO ORDERING FIXTURES.														
C. ALL FINISHES SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ORDERING FIXTURES. FINISH SELECTION TO BE FROM MANUFACTURER'S STANDARD FINISHES UNLESS NOTED OTHERWISE. FINISHES SHALL BE VERIFIED AT THE TIME OF SHOP DRAWING SUBMITTAL.														
D. SEE SPECIFICATIONS FOR EXTRA MATERIALS REQUIRED FOR LIGHT FIXTURES.														
E. SAMPLES OF ALL FIXTURES SHALL BE AVAILABLE AT THE ENGINEERS REQUEST DURING SHOP DRAWING REVIEW.														
F. COORDINATE THE COMPATIBILITY OF DIMMING WITH SPECIFIED CONTROLS. DIMMING SHALL BE ACCOMPLISHED WITH NO VISIBLE FLICKER.														
G. NO SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT PRIOR APPROVAL BY THE ENGINEER.														
FIXTURE NOTES:														
1. CONTRACTOR SHALL PROVIDE POLE, BASE AND ANY OPTIONAL COMPONENTS NECESSARY FOR A COMPLETE AND CODE COMPLIANT FIXTURE ASSEMBLY ACCEPTABLE TO THE ARCHITECT AND AHI.														
TYPE	DESCRIPTION	VOLT	LAMPS	VA /	MANUFACTURER	CATALOG NUMBER	EQUAL	L.L.F.	NOTES	TYPE				
			TYPE	FIXT.			MANUFACTURERS							
C1	4" LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR, 900 NOMINAL LUMENS. INDIVIDUAL DIODES SHALL NOT BE VISIBLE. DAMP LOCATION FIXTURE SHALL HAVE NO GAP BETWEEN REFLECTOR AND LED ENGINE.	120	LED 3000K	11	ELITE LIGHTING	HH4-LED-900L-DIM10-MVOLT-MD-30K-90-HH4-4501-CL-WH	LITHONIA, HALO COMMERCIAL, MAXILUME	0.9		C1				
C2	4" LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR, 1500 NOMINAL LUMENS. INDIVIDUAL DIODES SHALL NOT BE VISIBLE. DAMP LOCATION FIXTURE SHALL HAVE NO GAP BETWEEN REFLECTOR AND LED ENGINE.	120	LED 3000K	20	ELITE LIGHTING	HH4-LED-1500L-DIM10-MVOLT-MMD-30K-90-HH4-4501-CL-WH	LITHONIA, HALO COMMERCIAL, MAXILUME	0.9		C2				
N1	LED WALL PACK, TYPE III DISTRIBUTION, 3800 NOMINAL DELIVERED LUMENS, DARK BRONZE IN COLOR.	120	LED 3000K	21	LITHONIA	DSXW1 LED-P3-30K-80CRI-T3M-MVOLT	HE WILLIAMS, INVUE, VISIONAIRE	0.9		N1				
P1	TYPE II MEDIUM DISTRIBUTION LED POLE MOUNTED FIXTURE WITH HOUSE-SIDE SHIELD, 24" SQUARE STEEL POLE, DARK BRONZE IN COLOR, HEAD AND POLE SHALL HAVE MATCHING FINISH, APPROXIMATELY 11,400 NOMINAL DELIVERED LUMENS, PROVIDE CONCRETE BASE PER DETAIL, PROVIDE BASE COVER.	120	LED 3000K	90	LITHONIA	DSXO LED P5 30K 80CRI T2M HS	GARDOO, MCGRAW EDISON, BEACON	0.9	1	P1				
P2	TYPE IV DISTRIBUTION W/ BACKLIGHT CONTROL LED POLE MOUNTED FIXTURE, 24" SQUARE STEEL POLE, DARK BRONZE IN COLOR, HEAD AND POLE SHALL HAVE MATCHING FINISH, APPROXIMATELY 14600 NOMINAL DELIVERED LUMENS, PROVIDE CONCRETE BASE PER DETAIL, PROVIDE BASE COVER.	120	LED 3000K	130	LITHONIA	DSXO LED P7 30K 80CRI BLC4	GARDOO, MCGRAW EDISON, BEACON	0.9	1	P2				

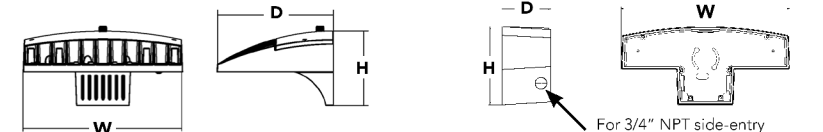


1 POLE BASE DETAIL
NO SCALE



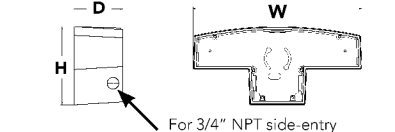
Specifications Luminaire

Width: 13-3/4" (34.9 cm)
Weight: 12 lbs (5.4 kg)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)



Back Box (BBW, E20WC)

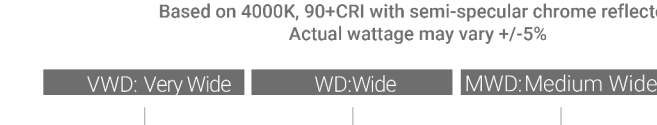
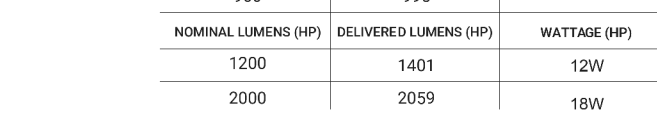
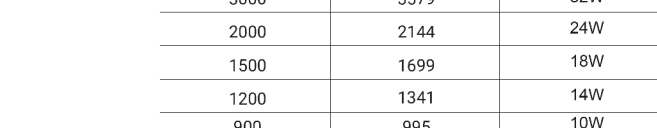
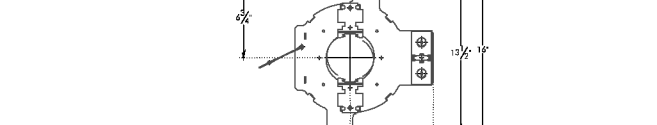
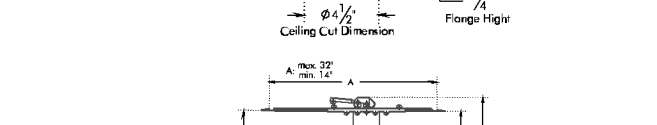
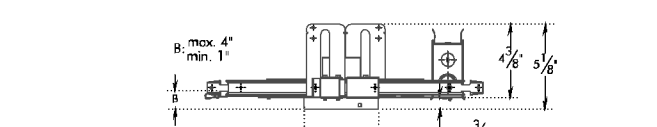
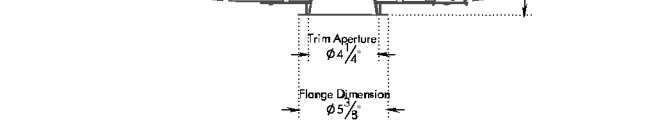
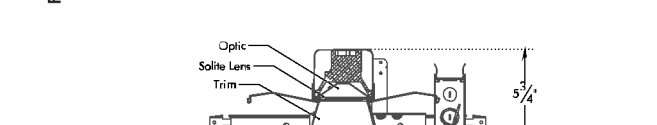
Width: 13-3/4" (34.9 cm)
Weight: 5 lbs (2.3 kg)
Depth: 4" (10.2 cm)
Weight: 10 lbs (4.5 kg)
Height: 6-3/8" (16.2 cm)



Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and significant energy savings, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.



FEATURES
A highly sustainable and ultra-efficient architectural LED downlight that provides even, glare-free illumination. Available in a range of finishes, distributions, and lumen packages, it is ideally suited for use in corporate office space, hospitality, healthcare, commercial, academic, churches and retail.

OPTICS AND REFLECTOR
The reflector has a 45° visual cutoff, and is shipped standard with a Solite lens in a smooth frosted finish. Spun from 0.05\"/>

LUMENS
900, 1200, 1500, 2000, 3000* (Custom lumen packages available), H4-IP-V5, H4-LED

CCT & DYNAMIC PLATFORMS
22K, 27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White

CRI
90+ Standard, 98+ Optional

COLOR QUALITY
2 Step MacAdam Ellipse

DISTRIBUTIONS
VWD, WD, MWD, MD, ND, SPD, NSPD

TRIM OPTIONS
Downlight, Wall Wash, Double Wall Wash, Wet Location

REFLECTOR COLORS
CL (Semi-Specular Chrome), SHZ (Low Indexcoat Satin Haze), WT (White), W (White), MB (Black), BZ (Bronze), WAW (White Anti-Reflective), Custom RAL

FLANGE COLORS
Self-Flanged WH (White), SD4 (Semi-Specular Chrome), SHZ (Low Indexcoat Satin Haze), BR (Black), BR (Bronze)

DIMMING
0-10V Flicker Free 1% Dimming Standard DIM10, LUTM, LUTFB, ELD10-1-UR, ELD00W-1, ELD00A-1, DIMTR, BLK POE, ELD10-1-OS, NSR, DIM10-AUX, DIM10-Q-OR

EMERGENCY
10W - Up to 1000, Output 20W - Up to 2000, Output 100W - Up to 10000-hour reported lifetime for Standard models L70-50,000-hour reported lifetime for HP models

PHOTOMETRIC TESTS
In Accordance with IES LM79-08, LM80 and TM-30, TM-21

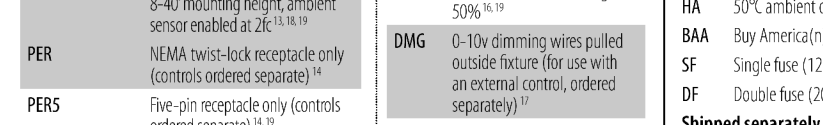
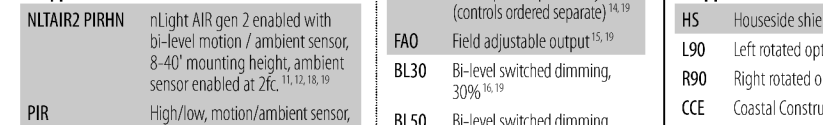
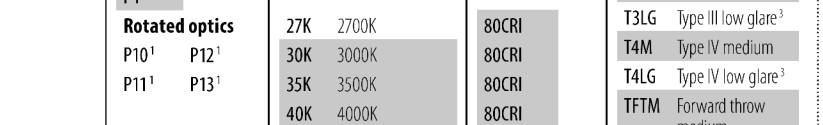
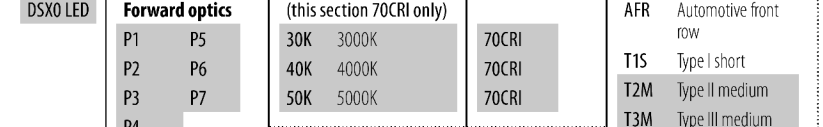
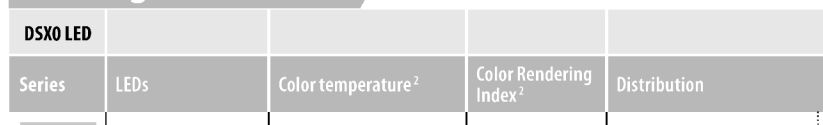
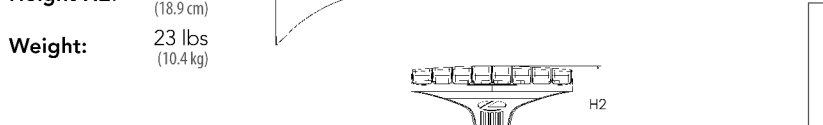
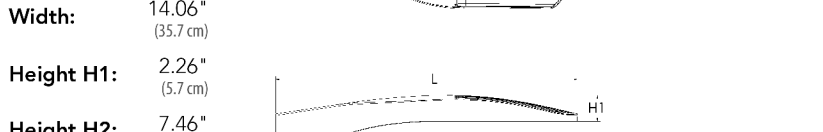
UGR
UGR < 19

* Only Available on 85+ CRI



Specifications

EPA: 0.44 ft² (0.04 m²)
Length: 26.18\"/>



Ordering Information

DSXW1 LED										
Series	Lumen Package	CCT	CRI	Distribution	Voltage	Mounting	Control Options			
DSXW1 LED	P1 2000 Lumens	27K 2700K	70CRI 70CRI	T2S Type 2 Short	MVOLT	Shipped included	Shipped installed			
	P2 2200 Lumens	30K 3000K	80CRI 80CRI ¹	T2M Type 2 Medium	120V	SRM Surface mounting bracket	FE Photoelectric cell, button type ¹			
	P3 3200 Lumens	35K 3500K	AMCR AMCR	T3L6 Type 3 Low Glare ²	120V	DBW Surface-mounted back box (for conduct energy) ³	DMS 6-10' dimming wires pulled outside fixture (for use with an external control, ordered separately)			
	P4 4300 Lumens	40K 4000K		T3L6 Type 3 Low Glare ²	240V		BBW Surface-mounted back box (for conduct energy) ³			
	P5 5000 Lumens	50K 5000K		T3M Type 3 Medium	277V		PR 180° motion/ambient light sensor, <15° mag/1"			
	P6 7200 Lumens	57K 5700K		T4M Type 4 Medium	347V		PRH 180° motion/ambient light sensor, 15-30° mag/1"			
	P7 10000 Lumens	AMSPC Amber PC ⁴	Amber PC ⁴	T7TM Forward Throw Medium	480V		PRHFCW Motion/ambient sensor, 8-15° mounting height, ambient sensor installed at 16"			
	AMSLW Amber LW ⁵	Amber LW ⁵	T7TM Backlight Control Type 3 ⁶				PRHFCW Motion/ambient sensor, 15-30° mounting height, ambient sensor installed at 16"			
				BLC4 Backlight Control Type 4 ⁷			E20WC 20 Watt Emergency battery backup (includes external component enclosure), (A) Title 20 Compliant ⁸			
							E10WH 10 Watt Emergency battery backup (includes external component enclosure), (A) Title 20 compliant ⁸			