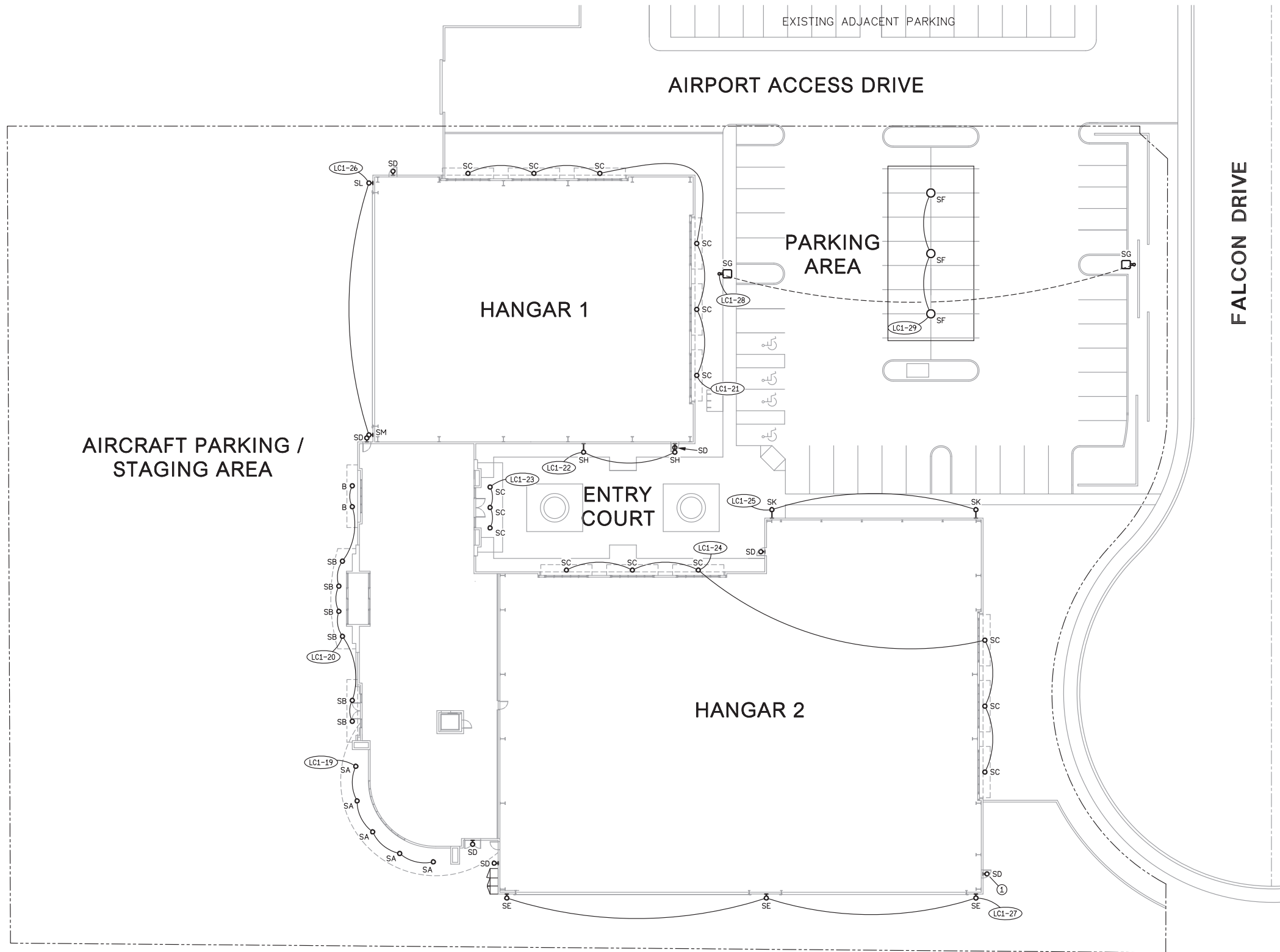




SITE LIGHTING PLAN

1" = 20'

KEYED NOTES:
① TYPE SD FIXTURES CIRCUIT
TO LC1-30. TYPICAL OF 7.



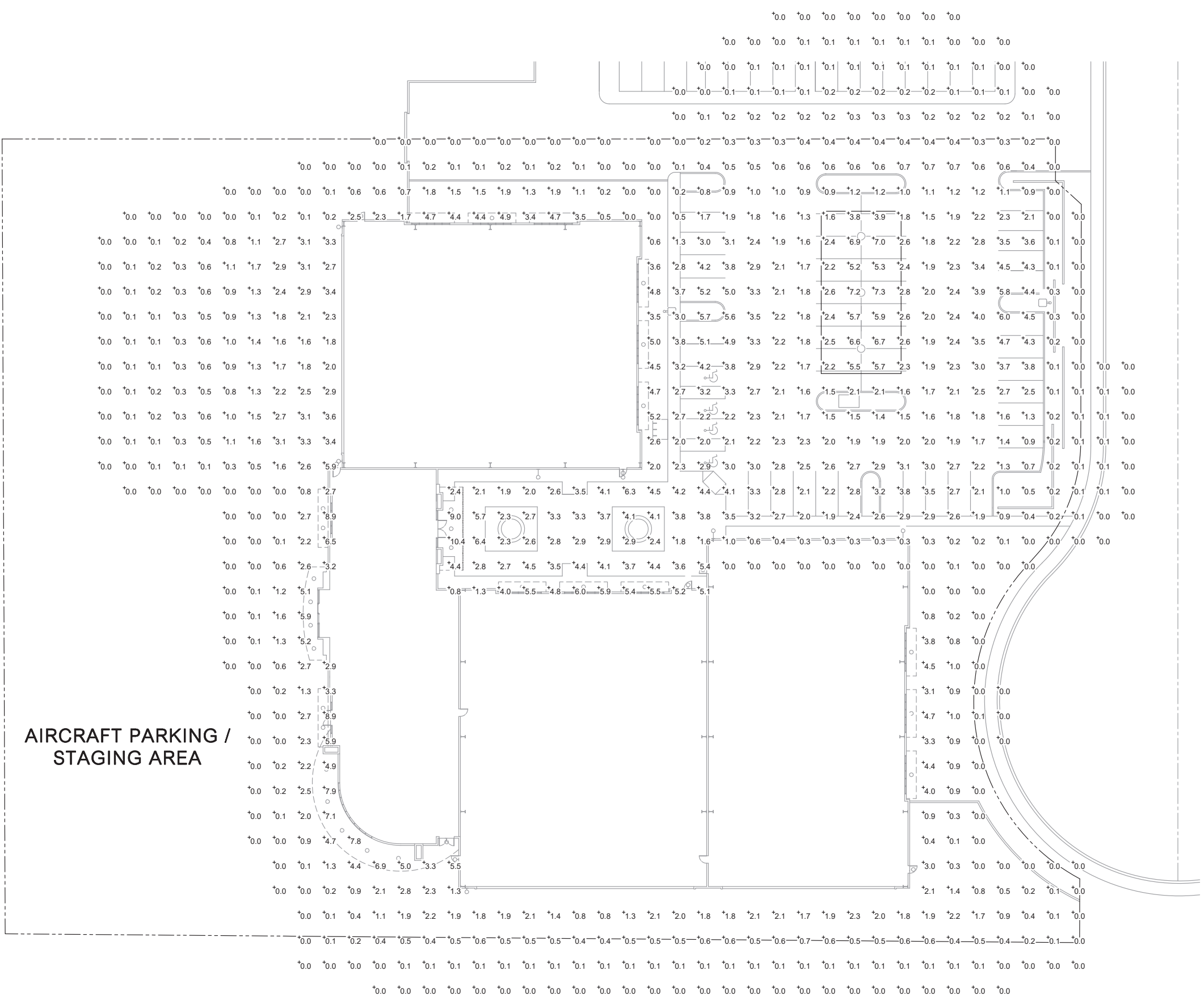
SHEET EI
SITE LIGHTING PLAN
DATE 6-30-23 DWN. BY HVS

PROJECT NO
2103

A NEW AERONAUTICAL F.B.O. FOR:
CUNNINGHAM AVIATION
1906 E FALCON DR MESA, AZ 85215

DESIGN T-480-894-1680 F-480-894-2529
PROFESSIONALS, L.L.C.
4542 E. McKELLIPS RD., STE. 101, MESA, AZ 85215





AIRCRAFT PARKING / STAGING AREA

SITE PHOTOMETRICS

1" = 20'



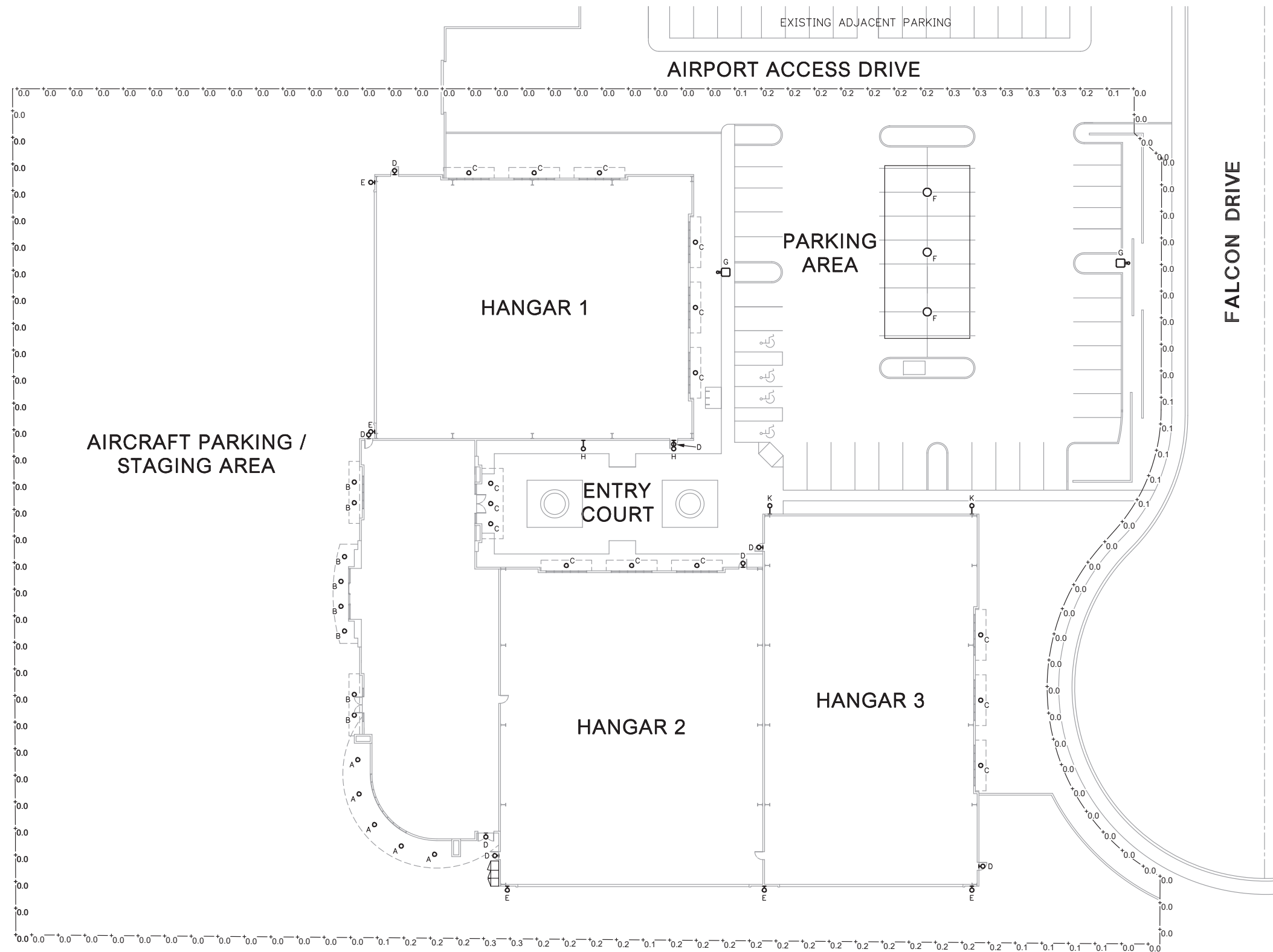
DESIGN T-480-894-1680 F-480-894-2529
PROFESSIONALS, L.L.C.
4542 E. McKELLIPS RD., STE. 101, MESA, AZ 85215

A NEW AERONAUTICAL F.B.O. FOR:
CUNNINGHAM AVIATION
1906 E FALCON DR MESA, AZ 85215

SHEET E2
SITE PHOTOMETRICS
DATE 6-16-23 DWN. BY HVS

PROJECT NO
2103





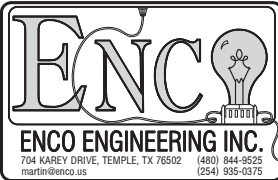


DESIGN T-480-894-1680 F-480-894-2529
PROFESSIONALS, L.L.C.
4542 E. McKellips Rd., STE. 101, MESA, AZ 85215

A NEW AERONAUTICAL F.B.O. FOR:
CUNNINGHAM AVIATION
1906 E FALCON DR MESA, AZ 85215

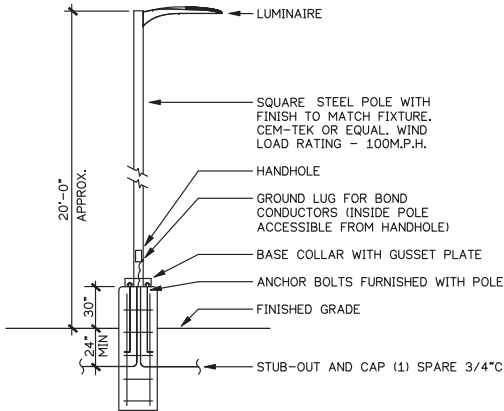
SHEET E4
ELECTRICAL SCHEDULES
DATE 6-30-23 DWN. BY HVS

PROJECT NO
2103



LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	MFR.	CATALOG #	TYPE	VOLTS	WATTS	REMARKS
ANY SUBMITTAL FOR ALTERNATE FIXTURES MUST INCLUDE PHOTOMETRIC STUDIES SPECIFIC TO THIS SITE WHICH DEMONSTRATE THAT THE ALTERNATE FIXTURES MEET OR EXCEED THE PERFORMANCE OF THE SPECIFIED FIXTURES. THE SUBMITTAL MUST INCLUDE CALCULATIONS SHOWING THAT THE ALTERNATE FIXTURE PACKAGE COMPLIES WITH INTERNATIONAL ENERGY CONSERVATION CODE REQUIREMENTS.							
SA	DOWNLIGHT	LITHONIA	LDN6 ALO2 (1500LM) SWW1 (4000K) AR LSS 80CRI	LED	MVOLT	18.8	
SB	CYLINDER	LITHONIA	LDN6CYL 40/15 L06AR LSS	LED	MVOLT	17.5	
SC	CYLINDER	LITHONIA	LDN6CYL 40/25 L06AR LSS	LED	MVOLT	28.3	
SD	WALL PACK	LITHONIA	WDGE1 LED P0 40K 80CRI VF	LED	MVOLT	6.8	MOUNT 12" ABOVE DOOR TO BOTTOM
SE	WALL PACK	LITHONIA	WDGE2 LED P4 40K 80CRI T1S	LED	MVOLT	46.7	MOUNT AT 20' ABOVE SLAB TO BOTTOM
SF	CANOPY LIGHT	LITHONIA	VCPG LED P1 40K T5M MVOLT	LED	MVOLT	26.6	
SG	AREA LIGHT	LITHONIA	DSX1 LED P8 40K 80CRI BLC4 EGS	LED	MVOLT	215.8	
SH	AREA LIGHT	LITHONIA	DSX1 LED P2 40K 80CRI BLC4 EGS	LED	MVOLT	67.8	MOUNT AT 20' ABOVE SLAB TO BOTTOM
SK	AREA LIGHT	LITHONIA	DSX1 LED P3 40K 80CRI BLC3 EGS	LED	MVOLT	102.2	MOUNT AT 20' ABOVE SLAB TO BOTTOM
SL	AREA LIGHT	LITHONIA	DSX0 LED P11 40K 80CRI LCC0 L90	LED	MVOLT	68.0	MOUNT AT 20' ABOVE SLAB TO BOTTOM
SM	AREA LIGHT	LITHONIA	DSX0 LED P11 40K 80CRI RCC0 R90	LED	MVOLT	68.0	MOUNT AT 20' ABOVE SLAB TO BOTTOM



NOTE:
THIS POLE BASE DETAIL IS FOR ELECTRICAL SYSTEMS ONLY.
THE POLE BASE STRUCTURAL DESIGN SHALL BE PROVIDED
AND SEALED BY A REGISTERED STRUCTURAL ENGINEER.

POLE FIXTURE DETAIL

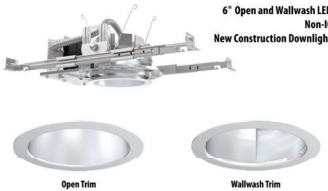
N.T.S.



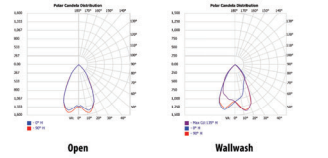
FEATURES & SPECIFICATIONS
INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Galvanized steel mounting bracket frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by tension springs.
Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.
Two combination 1/2"-3/4" and four 1/2" knockouts for straight through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.
Accommodates 12"-24" joist spacing.
Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
Max ceiling thickness 1-1/2".
OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum, 90 CRI optional.
LED light source concealed with diffusing optical lens.
General illumination lighting with 1.0 SAAH and 55° cutoff to source and source image.
Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
A+ CAPABLE LUMINAIRE — This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products. All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates. To learn more about A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.
UGR — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117:1996/Discomfort Glare in Interior Lighting.
ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted for junction box, 1970 to 1710 minimum dimming level available.
0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.
LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours. L70/50,000 hours.
LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. Drivers are RoHS compliant.
BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy American(s) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.
WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number	
Name	
Type	A

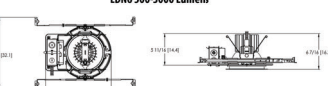
LDN6 STATIC WHITE



DISTRIBUTIONS



DIMENSIONS



LDN6 3500K AR LSS 80CRI			
Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

Notes
• Tested in accordance with IESNA LM-79-08.
• Tested to current IES and NEMA standards under stabilized laboratory conditions.
• CRI: 80 typical.



DOWNLIGHTING



FEATURES & SPECIFICATIONS
INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Heavy-gauge aluminum housing.
Ceiling mount for direct installation to 4" octagonal or square junction box.
Pendant mount entry for 3/8" National Pipe Thread stem; wires supplied by others.
Textured polyester powder paint finish standard.
Multiple ceiling, pendant, cord, and wall mount options available.
OPTICS — LEDs are binned to a 3-step 500MA 80 CRI minimum, 90 CRI optional.
LED light source concealed with diffusing optical lens.
General illumination lighting with 1.0 SAAH and 55° cutoff to source and source image.
Self-Ranged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available. 34V available option; transformer must be field-installed to an accessible remote-mounted junction box.
0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.
70% lumen maintenance at 60,000 hours.
LISTINGS — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional). ENERGY STAR® certified product.
BUY AMERICAN ACT — This product is assembled in the USA and meets the Buy American(s) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.
WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number	
Name	
Type	B, C

LDN6CYL



ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** LDN6CYL 35/15 L06AR LSS MVOLT E21 FCM DWHG

Series	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage
LDN6CYL 6" cylinder	27/ 2700K	85 300 lumens	L06 Downlight	LSS Semi-specular	MVOLT Multi-volt
	30/ 3000K	87 300 lumens	LW6 Wallwash	LD Matte-diffuse	120 120V
	35/ 3500K	10 1800 lumens	WB White	LS Specular	277 277V
	40/ 4000K	15 1500 lumens	BB Black		
	50/ 5000K	20 3000 lumens			
		25 3500 lumens			
		30 3000 lumens			
		40 4000 lumens			
		50 3000 lumens			

Drivers ¹	Mounting	Options ⁴	Architectural Colors ¹¹
G210 0-10V driver dims to 10%	FCM Ceiling mount	SP Single face	DWHG Matte white
G21 0-10V driver dims to 1%	WM Wall mount	NPP160 ¹⁴ nLight® network power relay pack with 0-10V dimming for non-dsLED drivers (G210, G21).	DDB Dark bronze
E21 0-10V dsLED driver with smooth and flicker-free deep dimming performance down to 1%	PMF Pendant 3/8" thread mount	NPP160ER ¹⁴ nLight® network power relay pack with 0-10V dimming for non-dsLED drivers (G210, G21). ER controls fixtures on emergency circuit.	DBL Black
	ACC ¹ 10ft aircraft cable and cord mount	NPS80EZ ¹⁵ nLight® dimming pack controls 0-10V dsLED drivers (G210, E21).	DWH Glossy white
	ACC180 ¹ 15ft aircraft cable and cord mount	NPS80EZER ¹⁵ nLight® dimming pack controls 0-10V dsLED drivers (G210, E21). ER controls fixtures on emergency circuit.	DMB Medium bronze
		90CRI High CRI (90+) Wet location	DNL Natural aluminum
			DOS Sandstone
			DGC Charcoal grey
			DTG Tennis green
			DBR Bright red
			DSB Steel blue

Notes
1 Not available in ACC mount.
2 Not available with finishes.
3 Refer to NEC 240 for compatible dimmers.
4 Supplied with 10ft supply and dimming connections.
5 White cord supplied with white housings. All other finishes supplied with black cord.
6 Must specify voltage 120V or 277V.
7 Specify voltage. ER for use with generator supply EM power. WH require an emergency hot feed and normal hot feed.
8 Interface remote mounted. Access panel (supplied by others) recommended.
9 Not available with ACC & ACC180 mounting options.
10 Additional architectural colors available; see www.lithonia.com/architect.
11 Color and length of trim must be specified (from 6" to 240" in even increments in maximum sections of 48"). E.g., C150A DWNG. Ceiling attachment for interior use. Control fixture for exterior.
12 Must be field-installed to an accessible remote-mounted junction box.

DOWNLIGHTING

LDN6CYL

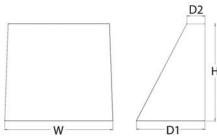


WDGE1 LED Architectural Wall Sconce



Specifications

Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: 9 lbs
(without options)



Catalog Number
D
Type

Introduction
The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.
WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WDGE LED Family Overview										
Luminaire	Standard EM, 0°C	Cold EM, -30°C	Sensor	Lumens (4000K)						
				P1	P2	P3	P4	P5	P6	
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--	--
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000	--

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P1	27K 2700K	80CRI	V	MVOLT 347 ¹	Shipped included SRM Surface-mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) Shipped separately AWS 3/8" Architectural wall spacer PBBW Surface-mounted back box (top, left, right, and central entry) Use when there is no junction box available.
	P2	30K 3000K 35K 3500K 40K 4000K 50K 5000K	90CRI	WW		

Options	Finish
EDWH ¹ Emergency battery backup. Certified in CA Title 20 MA2BBS (40K, 0°C min)	DDDBZ Dark bronze
PE ² Photocell, Button Type	DBLDO Black
DS ³ Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	DNALD Natural aluminum
DWG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHD White
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DSDDO Sandstone
BAA Buy America(s) Act Compliant	DSDDO Sandstone

Accessories		NOTES
WDGEAWS DBBB	WDGE1 1/8" Architectural Wall Spacer (specify finish)	1. 50K not available in 90CRI.
WDGE1PBBW DBBB	WDGE1 Surface-mounted back box (specify finish)	2. 347V not available with EDWH, DS or PE.
		3. EDWH not available with PE or DS.
		4. PE not available with DS.
		5. Not qualified for DCLC. Not available with EDWH.

LITHONIA LIGHTING COMMERCIAL OUTDOOR One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com WDGE1 LED Rev. 11/21/22



WDGE2 LED Architectural Wall Sconce Precision Refractive Optic



Specifications

Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs
(without options)



Introduction
The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.
WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

WDGE LED Family Overview										
Luminaire	Optics	Standard EM, 0°C	Cold EM, -30°C	Sensor	Approximate Lumens (4000K, 6000K)					
					P0	P1	P2	P3	P4	P6
WDGE1 LED	Visual Comfort	4W	--	--	750	1,200	2,000	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000
WDGE3 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,000	4,200	--
WDGE4 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--
					--	12,000	16,000	18,000	20,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0 ¹	27K 2700K	70CRI ²	T1S Type I Short	MVOLT 347 ¹	Shipped included SRM Surface-mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) Shipped separately AWS 3/8" Architectural wall spacer PBBW Surface-mounted back box (top, left, right, and central entry) Use when there is no junction box available.
	P1 ²	30K 3000K	80CRI	T2M Type II Medium		
	P2 ³	40K 4000K	90CRI	T3M Type III Medium		
	P3 ⁴	50K 5000K	90CRI	T4M Type IV Medium		
	P4 ⁵	50K 5000K	90CRI	T5M Type V Medium		

Options	Standards Sensors/Controls	Finish
EDWH ¹ Emergency battery backup. Certified in CA Title 20 MA2BBS (10W, 3°C min)	PIR 8-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DDDBZ Dark bronze
EDWH ² Emergency battery backup. Certified in CA Title 20 MA2BBS (10W, 3°C min)	PIRH 8-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DBLDO Black
PE ³ Photocell, Button Type	PIRHC 8-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DNALD Natural aluminum
DWG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	PIRHCFCV 8-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DBLDO Black
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	NETAIR2 PIR nLight AIR Wireless enabled level motion/ambient sensor for 8-15' mounting heights.	DSDDO Sandstone
BAA Buy America(s) Act Compliant	NETAIR2 PIRH nLight AIR Wireless enabled level motion/ambient sensor for 15-30' mounting heights.	DSDDO Sandstone

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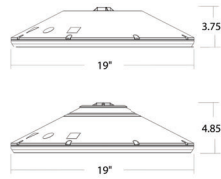


VCPG LED Parking Garage



Specifications

Diameter: 19"
Height: 3.75"
(1.8" with 1/2" spacer)
Weight: 18 lbs
(max, with no options)



Introduction

The all new VCPG LED (Visually Comfortable Parking Garage) luminaire is designed to bring glare control, optical performance and energy savings into one package. The recessed lens design of VCPG LED minimizes high angle glare, while its precision molded acrylic lens eliminates LED pixilation and delivers the required minimums, verticality and uniformity. The dedicated up-light module option reduces the contrast between the luminaire and the ceiling creating a more visually comfortable environment.
The VCPG LED delivers up to 87% in energy savings when replacing 175W metal halide luminaires. With over 100,000 hour life expectancy (12+ years of 24/7 continuous operation), the VCPG LED luminaire provides significant maintenance savings over traditional luminaires.

Ordering Information

EXAMPLE: VCPG LED V4 P4 40K 70CRI TSM MVOLT SRM DNAXD

Series	LED Light Engine	Package	Color Temperature	Color Rendering Index	Distribution	Voltage	Mounting
VCPG LED	V4 4 Light Engines	P1 ¹	30K 3000K	70CRI	TSM Type I, medium	MVOLT 120	Shipped included PM Rodent mount standard (24-inch length supply leads)
	V4 8 Light Engines	P2 ²	35K 3500K	80CRI	TSM Type I, medium		
		P3 ³	40K 4000K	90CRI	TSM Type I, medium	480	SRM Surface mount (24-inch length supply leads)
		P4 ⁴	50K 5000K	90CRI	TSM Type I, medium	240	ARM Arm mount (use RS0WBA accessory to mount to a wall)
		P5 ⁵	50K 5000K	90CRI	TSE Type I entry	277	Shipped separately YK "Nite/burnout mount"
		P6 ⁶	50K 5000K	90CRI	LANE ⁷ Drive lane	347	
		P7 ⁷	50K 5000K	90CRI	LANE ⁷ Drive lane	480	

Options	Standards Sensors/Controls	Finish
EDWH ¹ Emergency battery backup. Certified in CA Title 20 MA2BBS (10W, 3°C min)	PIR 8-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DDDBZ Dark bronze
EDWH ² Emergency battery backup. Certified in CA Title 20 MA2BBS (10W, 3°C min)	PIRH 8-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DBLDO Black
PE ³ Photocell, Button Type	PIRHC 8-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DNALD Natural aluminum
DWG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	PIRHCFCV 8-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DBLDO Black
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	NETAIR2 PIR nLight AIR Wireless enabled level motion/ambient sensor for 8-15' mounting heights.	DSDDO Sandstone
BAA Buy America(s) Act Compliant	NETAIR2 PIRH nLight AIR Wireless enabled level motion/ambient sensor for 15-30' mounting heights.	DSDDO Sandstone

LITHONIA LIGHTING COMMERCIAL OUTDOOR One Lithonia Way • Conyers, Georgia 30012 • Phone: 800-705-SERV (7378) • www.lithonia.com VCPG LED Rev. 05/10/23

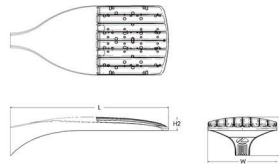


D-Series Size 1 LED Area Luminaire



Specifications

EPA: 0.69 ft²
(0.06 m²)
Length: 32.71"
(83.1 cm)
Width: 14.26"
(36.2 cm)
Height H1: 7.88"
(20.0 cm)
Height H2: 2.73"
(6.9 cm)
Weight: 34 lbs
(15.4 kg)



Catalog Number
G, H, K
Type

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 high performance, high efficacy, long-life luminaire.
The photometric performance results in sites with excellent uniformity, greater pole spacing 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 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Voltage	Mounting
DSX1 LED	Forward optics	(this section 70CRI only)	70CRI	AFR Automotive front row	MVOLT (120V-277V) ¹	Shipped included SPA Square pole mounting (8" drilling)
	P1	30K 3000K	70CRI	T1S Type I short	HVOLT (347V-480V) ^{1,2}	SPA Square pole mounting (8" drilling)
	P2	40K 4000K	70CRI	T2M Type II medium	XVOLT (277V-480V) ^{1,3}	RPA Round pole mounting (8" drilling)
	P3	50K 5000K	70CRI	T3M Type III medium		RPA Round pole mounting (8" drilling)
	P4	50K 5000K	70CRI	T3LG Type III low glare ⁴		RPA Round pole mounting (8" drilling)
	P5	50K 5000K	70CRI	T4M Type IV medium		RPA Round pole mounting (8" drilling)
	P6	50K 5000K	70CRI	T4LG Type IV low glare ⁴		RPA Round pole mounting (8" drilling)
	P7	50K 5000K	70CRI	T5M Type V medium		RPA Round pole mounting (8" drilling)
	P8	50K 5000K	70CRI	T5LG Type V low glare ⁴		RPA Round pole mounting (8" drilling)
	P9	50K 5000K	70CRI	T6M Type VI medium		RPA Round pole mounting (8" drilling)
	P10	50K 5000K	70CRI	T6LG Type VI low glare ⁴		RPA Round pole mounting (8" drilling)
	P11	50K 5000K	70CRI	T7M Type VII medium		RPA Round pole mounting (8" drilling)
	P12	50K 5000K	70CRI	T7LG Type VII low glare ⁴		RPA Round pole mounting (8" drilling)
	P13	50K 5000K	70CRI	T8M Type VIII medium		RPA Round pole mounting (8" drilling)
	P14	50K 5000K	70CRI	T8LG Type VIII low glare ⁴		RPA Round pole mounting (8" drilling)
	P15	50K 5000K	70CRI	T9M Type IX medium		RPA Round pole mounting (8" drilling)
	P16	50K 5000K	70CRI	T9LG Type IX low glare ⁴		RPA Round pole mounting (8" drilling)
	P17	50K 5000K	70CRI	T10M Type X medium		RPA Round pole mounting (8" drilling)
	P18	50K 5000K	70CRI	T10LG Type X low glare ⁴		RPA Round pole mounting (8" drilling)
	P19	50K 5000K	70CRI	T11M Type XI medium		RPA Round pole mounting (8" drilling)
	P20	50K 5000K	70CRI	T11LG Type XI low glare ⁴		RPA Round pole mounting (8" drilling)
	P21	50K 5000K	70CRI	T12M Type XII medium		RPA Round pole mounting (8" drilling)
	P22	50K 5000K	70CRI	T12LG Type XII low glare ⁴		RPA Round pole mounting (8" drilling)
	P23	50K 5000K	70CRI	T13M Type XIII medium		RPA Round pole mounting (8" drilling)
	P24	50K 5000K	70CRI	T13LG Type XIII low glare ⁴		RPA Round pole mounting (8" drilling)
	P25	50K 5000K	70CRI	T14M Type XIV medium		RPA Round pole mounting (8" drilling)
	P26	50K 5000K	70CRI	T14LG Type XIV low glare ⁴		RPA Round pole mounting (8" drilling)
	P27	50K 5000K	70CRI	T15M Type XV medium		RPA Round pole mounting (8" drilling)
	P28	50K 5000K	70CRI	T15LG Type XV low glare ⁴		RPA Round pole mounting (8" drilling)
	P29	50K 5000K	70CRI	T16M Type XVI medium		RPA Round pole mounting (8" drilling)
	P30	50K 5000K	70CRI	T16LG Type XVI low glare ⁴		RPA Round pole mounting (8" drilling)
	P31	50K 5000K	70CRI	T17M Type XVII medium		RPA Round pole mounting (8" drilling)
	P32	50K 5000K	70CRI	T17LG Type XVII low glare ⁴		RPA Round pole mounting (8" drilling)
	P33	50K 5000K	70CRI	T18M Type XVIII medium		RPA Round pole mounting (8" drilling)
	P34	50K 5000K	70CRI	T18LG Type XVIII low glare ⁴		RPA Round pole mounting (8" drilling)
	P35	50K 5000K	70CRI	T19M Type XIX medium		RPA Round pole mounting (8" drilling)
	P36	50K 5000K	70CRI	T19LG Type XIX low glare ⁴		RPA Round pole mounting (8" drilling)
	P37	50K 5000K	70CRI	T20M Type XX medium		RPA Round pole mounting (8" drilling)
	P38	50K 5000K	70CRI	T20LG Type XX low glare ⁴		RPA Round pole mounting (8" drilling)
	P39	50K 5000K	70CRI	T21M Type XXI medium		RPA Round pole mounting (8" drilling)
	P40	50K 5000K	70CRI	T21LG Type XXI low glare ⁴		RPA Round pole mounting (8" drilling)
	P41	50K 5000K	70CRI	T22M Type XXII medium		RPA Round pole mounting (8" drilling)
	P42	50K 5000K	70CRI	T22LG Type XXII low glare ⁴		RPA Round pole mounting (8" drilling)
	P43	50K 5000K	70CRI	T23M Type XXIII medium		RPA Round pole mounting (8" drilling)
	P44	50K 5000K	70CRI	T23LG Type XXIII low glare ⁴		RPA Round pole mounting (8" drilling)
	P45	50K 5000K	70CRI	T24M Type XXIV medium		RPA Round pole mounting (8" drilling)
	P46	50K 5000K	70CRI	T24LG Type XXIV low glare ⁴		RPA Round pole mounting (8" drilling)
	P47	50K 5000K	70CRI	T25M Type XXV medium		RPA Round pole mounting (8" drilling)
	P48	50K 5000K	70CRI	T25LG Type XXV low glare ⁴		RPA Round pole mounting (8" drilling)
	P49	50K 5000K	70CRI	T26M Type XXVI medium		RPA Round pole mounting (8" drilling)
	P50	50K 5000K	70CRI	T26LG Type XXVI low glare ⁴		RPA Round pole mounting (8" drilling)
	P51	50K 5000K	70CRI	T27M Type XXVII medium		RPA Round pole mounting (8" drilling)
	P52	50K 5000K	70CRI	T27LG Type XXVII low glare ⁴		RPA Round pole mounting (8" drilling)
	P53	50K 5000K	70CRI	T28M Type XXVIII medium		RPA Round pole mounting (8" drilling)
	P54	50K 5000K	70CRI	T28LG Type XXVIII low glare ⁴		RPA Round pole mounting (8" drilling)
	P55	50K 5000K	70CRI	T29M Type XXIX medium		RPA Round pole mounting (8" drilling)
	P56	50K 5000K	70CRI	T29LG Type XXIX low glare ⁴		RPA Round pole mounting (8" drilling)
	P57	50K 5000K	70CRI	T30M Type XXX medium		RPA Round pole mounting (8" drilling)
	P58	50K 5000K	70CRI	T30LG Type XXX low glare ⁴		RPA Round pole mounting (8" drilling)
	P59	50K 5000K	70CRI	T31M Type XXXI medium		RPA Round pole mounting (8" drilling)
	P60	50K 5000K	70CRI	T31LG Type XXXI low glare ⁴		RPA Round pole mounting (8" drilling)
	P61	50K 5000K	70CRI	T32M Type XXXII medium		RPA Round pole mounting (8" drilling)
	P62	50K 5000K	70CRI	T32LG Type XXXII low glare ⁴		RPA Round pole mounting (8" drilling)
	P63	50K 5000K	70CRI	T33M Type XXXIII medium		RPA Round pole mounting (8" drilling)
	P64	50K 5000K	70CRI	T33LG Type XXXIII low glare ⁴		RPA Round pole mounting (8" drilling