

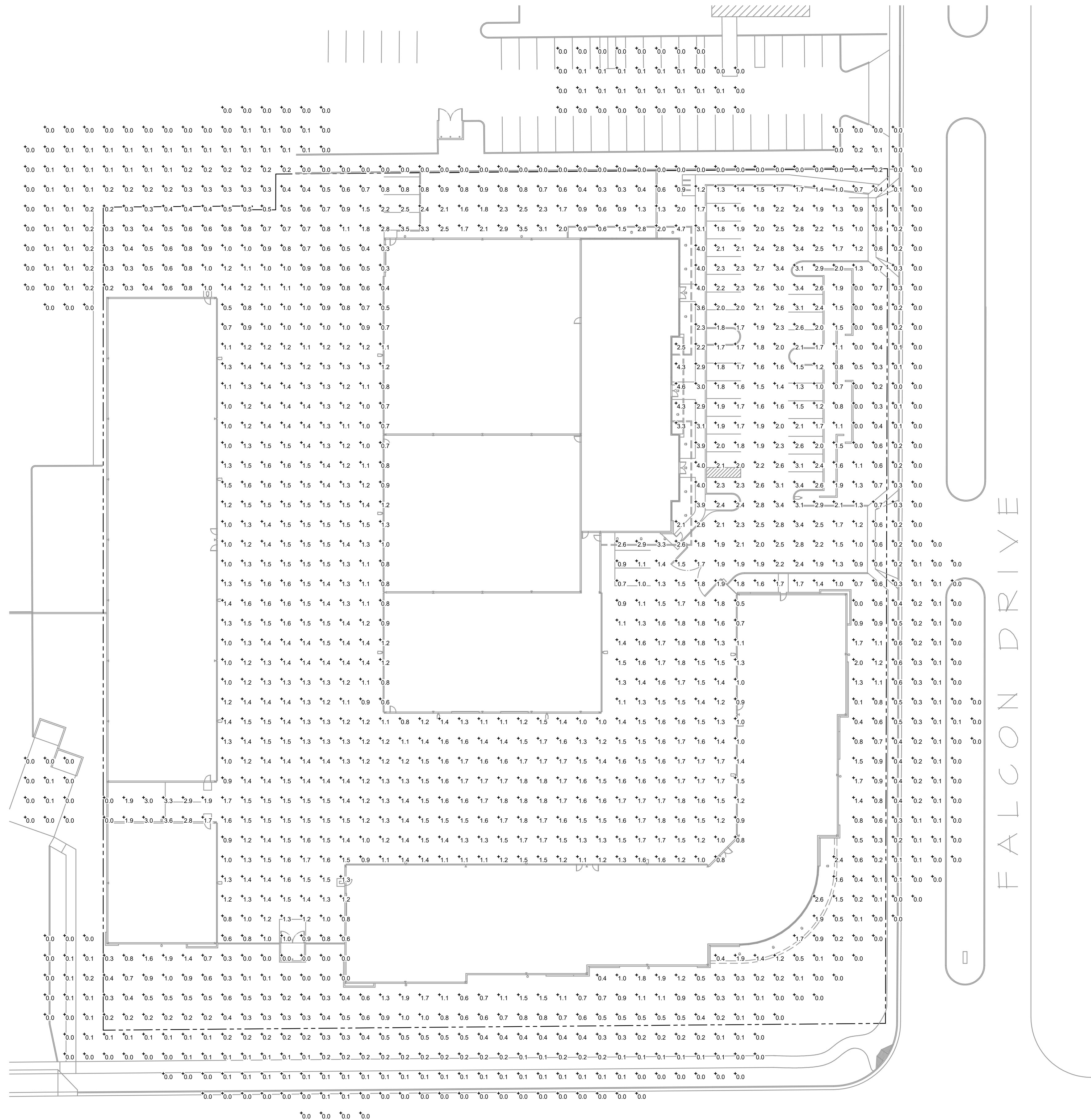


T-480-894-1680 F-480-894-2529
DESIGN PROFESSIONALS, L.L.C.
 4542 E. McKellips Rd., STE. 101, MESA, AZ 85215

FALCON 12 AVIATION CENTER FOR:
 DKS PROPERTIES, LLC
 4800 EAST MCKELLIPS ROAD MESA, ARIZONA

SHEET EI
 SITE PHOTOMETRICS
 DATE 4-8-22 DWN. BY HYS

PROJECT NO
 2329

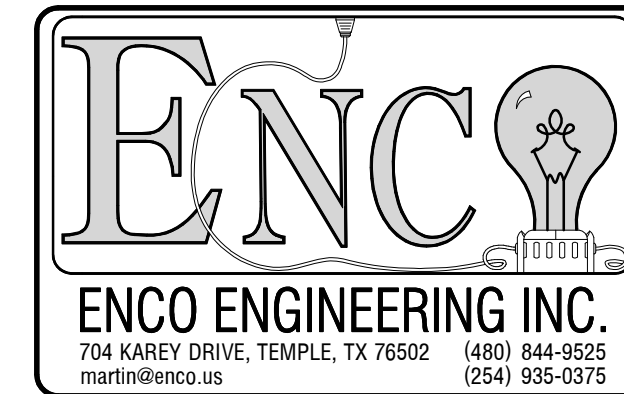


MCKELLIPS ROAD

PHOTOMETRICS ARE RUN WITH 0.95 LIGHT LOSS FACTOR

SITE PHOTOMETRICS

N.T.S.



D-Series Size 0 LED Area Luminaire

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 outstanding 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 70% and expected service life of over 100,000 hours.

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details.

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Voltage	Mounting
DSX0 LED	Forward optics					
	P1 P5	30K 3000K	70CRI	T5	120V 277V	SHIPPED INCLUDED SPA Square pole mounting (8' drilling, 1.5" min. 5/8" pipe) SPA Round pole mounting (8' drilling, 1" min. 3/4" pipe)
	P2 P6	40K 4000K	70CRI	T5	120V 277V	
	P3 P7	50K 5000K	70CRI	T5	120V 277V	
	P4 P8	50K 5000K	70CRI	T5	120V 277V	
	Rotated optics					
	P10 P12	27K 2700K	80CRI	T8	120V 277V	SPRS Square pole mounting (8' drilling, 1" min. 3/4" pipe) RPS Round pole mounting (8' drilling, 1" min. 3/4" pipe) SPRN Square surface pole mounting (8' drilling, 1" min. 5/8" pipe) WBA Wall bracket
	P11 P13	30K 3000K	80CRI	T8	120V 277V	
	P14 P16	40K 4000K	80CRI	T8	120V 277V	
	P17 P19	50K 5000K	80CRI	T8	120V 277V	

D-Series Size 2 LED Area Luminaire

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 outstanding 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 up to 80% vs. 1000W HID and expected service life of over 100,000 hours.

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details.

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Voltage	Mounting
DSX2 LED	Forward optics					
	P1 P5	30K 3000K	70CRI	T5	120V 277V	SHIPPED INCLUDED SPA Square pole mounting (8' drilling, 1.5" min. 5/8" pipe) SPA Round pole mounting (8' drilling, 1" min. 3/4" pipe)
	P2 P6	40K 4000K	70CRI	T5	120V 277V	
	P3 P7	50K 5000K	70CRI	T5	120V 277V	
	P4 P8	50K 5000K	70CRI	T5	120V 277V	
	Rotated optics					
	P10 P12	27K 2700K	80CRI	T8	120V 277V	SPRS Square pole mounting (8' drilling, 1" min. 3/4" pipe) RPS Round pole mounting (8' drilling, 1" min. 3/4" pipe) SPRN Square surface pole mounting (8' drilling, 1" min. 5/8" pipe) WBA Wall bracket
	P11 P13	30K 3000K	80CRI	T8	120V 277V	
	P14 P16	40K 4000K	80CRI	T8	120V 277V	
	P17 P19	50K 5000K	80CRI	T8	120V 277V	

D-Series Size 1 LED Wall Luminaire

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 up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details.

Series	LEDs	Drive Current	Color Temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	1000 2000 3000 4000 5000 6000 7000 8000 9000 10000						
	Forward optics						
	P1 P5	350 350mA	30K 3000K	T25	120V 277V	SHIPPED INCLUDED (blank) Surface mounting bracket DMG 0-10v dimming wire pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15 mpy 14" PIRHCVR Motion/ambient sensor, 0-15' mounting height, ambient sensor enabled at 30" PIRHCVR Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 30" PIRHCVR Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 30" E20WC Emergency battery backup (includes external component enclosure, CA 16h, 20 compliant*)	
	P2 P6	530 530mA	40K 4000K	T25	120V 277V		
	P3 P7	700 700mA	50K 5000K	T25	120V 277V		
	P4 P8	1000 1000mA (1.0A)	AMPC Ambry converted	T25	120V 277V		
	Rotated optics						
	P10 P12	27K 2700K	80CRI	T25	120V 277V	WBA Wall bracket MA Max. am. adapter (mounts on 2.38" O.D. horizontal arm)	
	P11 P13	30K 3000K	80CRI	T25	120V 277V		
	P14 P16	40K 4000K	80CRI	T25	120V 277V		
	P17 P19	50K 5000K	80CRI	T25	120V 277V		

LITHONIA LIGHTING LFR-6RW LITEFRAME 6" ROUND LENSED WALL WASH

Features
• 6" LED lensed wall wash delivering 1000-8000 lumens
• Direct install from below ceiling for New Construction or Remodel applications
• Provides smooth, uniform illumination
• 2700K-5000K, 80+ and 90+ CRI (2 SDCM)
• Dimming protocols include 0-10V, Phase (Forward/Reverse), DALI, DMX, and Lutron EcoSystem
• NX Lighting Controls wired and wireless controls capability available

Controls Technology
NX Lighting Controls

Service Programs
STOCK QS10

Typical Dimensions and Weights

Lumens Package	SC Diameter (inch)	18" Height (inch)	Weight (lb)
1000	3.25	17.5	4.5
2000	3.25	17.5	4.5
3000	3.25	17.5	4.5
4000	3.25	17.5	4.5
5000	3.25	17.5	4.5

Construction
• Standard Fixture Module designed for Non-IC, Direct Install construction
• Optional Non-IC frame or IC housing available with pre-installed bar hangers
• Die cast aluminum fixture module support ring with spring steel clips for secure mounting to ceiling
• Driver J-Box can be installed and accessed from below the ceiling as direct install or easily snatched on to optional housing frame/circuitor
• Light Engine connections use plenum rated (CMP) cable

Electrical
• Chip-on-board LED with 2 SDCM
• Multiple CCTs, 80+ or 90+ CRI
• Long LED life: L90 at >50,000 hours (TM-21)
• Universal voltage 120-277V driver, 347V optional
• UL Class 2, inherent short circuit and overvoltage protection
• Flicker-free dimming options in a wide range of protocols from 1% to <0.1% performance
• 0-10V, Phase (Forward/Reverse), DALI, DMX, and Lutron EcoSystem options
• NX Lighting Controls provides options for standalone and networked functionality with wired or wireless connectivity for NX system deployments
• Remote emergency battery option available

Certifications
• cCSAus certified to UL 1598
• For >60L: Marked spacing required 36" fixture center to center, 18" fixture center to building member, 0.5' above fixture
• IP65 rated (room side) when properly installed per installation instructions
• Suitable for wet locations, covered ceiling
• EMR: Certified under UL 924 standard for emergency lighting and power equipment
• EMR: Emergency battery packs are California Energy Commission (CEC) Title 20 Compliant
• Approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring

Key Data
Lumen Range: 1000-8000
Wattage Range: 8-71
Efficacy Range (LPW): 96-107
Reported Life (Hours): L90 >50,000
Input Current (mA): 66-592 (20V)

LITHONIA LIGHTING WPX LED Wall Packs

Specifications
Luminaire: 18.1" (D) x 11.1" (W) x 3.7" (H)
Weight: 4.1 lbs (2.3kg)

Introduction
The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information
EXAMPLE: WPX2 LED 40K MVOLT DDBX0

Series	Color Temperature	Voltage	Options	Finish
WPX1 LED P1	1,550 Lumens, TM1	30K 3000K	120V 277V	None
WPX1 LED P2	2,500 Lumens, 20W	40K 4000K	347 347V	None
WPX2 LED	4,000 Lumens, 40W	50K 5000K		None
WPX3 LED	9,200 Lumens, 60W			None

Intended Use
The WPX LED wall packs are designed to provide a cost effective, energy efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 1500W, 2000W and 4000W HID luminaires respectively. WPX luminaires deliver a uniform, even distribution. WPX is rated for 40 C to 40 C.

Construction
WPX features a die-cast aluminum main body with optional thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated and sealed against moisture or environmental contaminants.

Electrical
LFR (mercury) configurations consist of high-efficiency LEDs and lumen maintenance of 150%/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 90. Electronic drivers ensure power factor >0.96 and THD <2.0%. All luminaires have 6A surge protection. WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. The fixture also includes an optional 4kV surge protector.

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.lithonia.com/warranty.

Light Fixture Schedule

MARK	DESCRIPTION	MFR.	CATALOG #	TYPE	VOLTS	WATTS	REMARKS
A	WALL MOUNT	LITHONIA	DSX0 LED P2 30K 80CRI T4M HS	LED	TBD	45.1	MOUNT BRACKET 6" TO CENTER ABOVE DOOR FRAME
B	AREA LIGHT	LITHONIA	DSX2 LED P4 30K 80CRI T5W EGS	LED	TBD	272.7	20' POLE
C	WALL PACK	LITHONIA	DSXW1 LED 20C 700 30K T2S MVOLT HS	LED	TBD	45.7	MOUNT AT 16'
D	WALL WASH	PRESCOLITE	LFR-6RW-M-10L2230TD9NR-DMT_LFR-6RW-T-LWW-S	LED	TBD	11.9	
E	WALL WASH	PRESCOLITE	LFR-6RW-M-15L2230TD9NR-DMT_LFR-6RW-T-LWW-S	LED	TBD	18.3	
F	WALL PACK	LITHONIA	WPX1 LED P2 30K	LED	TBD	23.3	MOUNT AT 18"-8"

Notes
1. All WPX wall packs come with 6A surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPOKAV option to get WPX1 LED P1 with 6A surge protection.
2. Battery pack options only available on WPX1 and WPX2.
3. Battery pack options not available with 347V or PE options.

Intended Use
The WPX LED wall packs are designed to provide a cost effective, energy efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 1500W, 2000W and 4000W HID luminaires respectively. WPX luminaires deliver a uniform, even distribution. WPX is rated for 40 C to 40 C.

Construction
WPX features a die-cast aluminum main body with optional thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated and sealed against moisture or environmental contaminants.

Electrical
LFR (mercury) configurations consist of high-efficiency LEDs and lumen maintenance of 150%/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 90. Electronic drivers ensure power factor >0.96 and THD <2.0%. All luminaires have 6A surge protection. WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. The fixture also includes an optional 4kV surge protector.

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FALCON 12 AVIATION CENTER FOR:
DKS PROPERTIES, LLC
4800 EAST MCKELLIPS ROAD MESA, ARIZONA

SHEET E3
LIGHT FIXTURE SCHEDULE
DATE 4-9-22 DWN. BY HYS

PROJECT NO
2329

ENCO ENGINEERING INC.
704 KAREY DRIVE, TEMPLE, TX 76782 (480) 844-9525
martin@enco.us (254) 935-0375

