



RSX1 LED

Area Luminaire

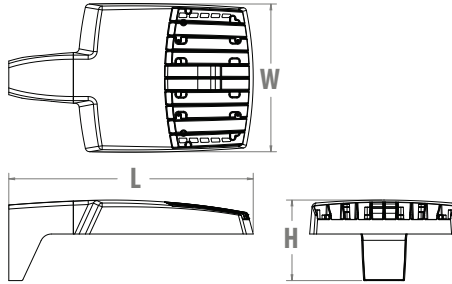


Catalog Number	SEE LIGHT FIXTURE SCHEDULE
Notes	
Type	P1, P2, P3

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft ² @0°):	0.57 ft ² (0.05 m ²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.



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

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED	P3	30K	R3	MVOLT	SPA
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide ¹ R5S Type 5 Short ¹ AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) ² HVOLT (347V-480V) ³ XVOLT (277V-480V) ⁴ (use specific voltage for options as noted) 120 ³ 277 ⁵ 208 ³ 347 ⁵ 240 ³ 480 ⁵	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶ WBA Wall bracket ¹ WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting ⁶ AARP Adjustable tilt arm round pole mounting ⁶ AAWB Adjustable tilt arm with wall bracket ⁶ AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options	Finish
Shipped Installed HS House-side shield ⁷ PE Photocontrol, button style ^{8,9} PER7 Seven-wire twist-lock receptacle only (no controls) ^{9,10,11} SF Single fuse (120, 277, 347) ⁵ DF Double fuse (208, 240, 480) ⁵ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ⁹ DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ⁹	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DBBTXD Textured Dark Bronze DBLBXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
Shipped Installed *Standalone and Networked Sensors/Controls (factory default settings, see table page 9) NLTAIR2 PIRHN nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor ^{9,12,13,14} BAA Buy America(n) Act and/or Build America Buy America Qualified CCE Coastal Construction ¹⁵ *Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted. Shipped Separately (requires some field assembly) EGS External glare shield ⁷ EGFV External glare full visor (360° around light aperture) ⁷ BS Bird spikes ¹⁶	





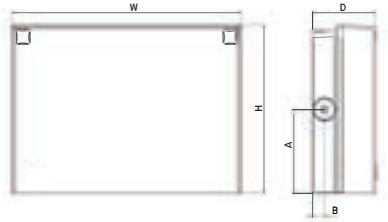
WPX LED Wall Packs



Catalog Number	REFER TO LIGHT FIXTURE SCHEDULE
Notes	
Type	W

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications



Front View

Side View

Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

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 DDBXD

WPX1LEDP1		30K	MVOLT		
Series		Color Temperature	Voltage	Options	Finish
WPX1 LED P1	1,550 Lumens, 11W ¹	30K 3000K	MVOLT 120V - 277V	(blank) None	DDBXD Dark bronze
WPX1 LED P2	2,900 Lumens, 24W	40K 4000K	347 347V ³	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ²	DWHXD White
WPX2 LED	6,000 Lumens, 47W	50K 5000K		E14WC Emergency battery backup, CEC compliant (14W, -20°C min) ²	DBLXD Black
WPX3 LED	9,200 Lumens, 69W			PE Photocell ³	Note : For other options, consult factory.

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration options. Specific values are available on request.

NOTES

- All WPX wall packs come with 6kV surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPD6KV option to get WPX1 LED P1 with 6kV surge protection.
Sample nomenclature: WPX1 LED P1 40K MVOLT SPD6KV DDBXD
- Battery pack options only available on WPX1 and WPX2.
- Battery pack options not available with 347V or PE options.

FEATURES & SPECIFICATIONS

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 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution. WPX is rated for -40°C to 40°C.

CONSTRUCTION

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

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs and LED lumen maintenance of L90/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70. Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. It can be ordered with an optional 6kV surge protection).

All photocell (PE) operate on MVOLT (120V - 277V) input.

Note: The standard WPX LED wall pack luminaires come with field-adjustable drive current feature. This feature allows tuning the output current of the LED drivers to adjust the lumen output (to dim the luminaire).

INSTALLATION

WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch conduit ports on three sides allow for surface conduit wiring. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. DesignLights Consortium® (DLC) qualified 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 qualified. International Dark Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

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/CustomerResources/Terms_and_conditions.aspx.

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.



COMMERCIAL OUTDOOR

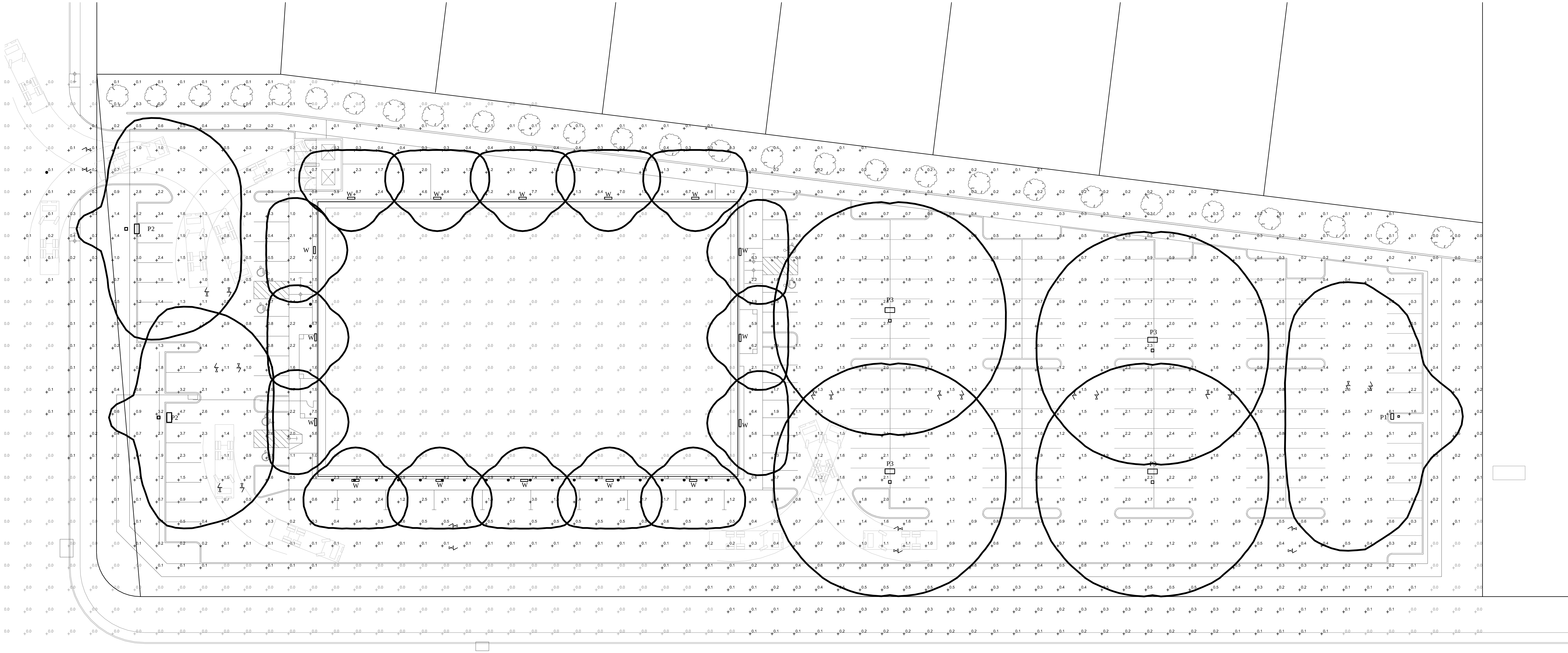
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WPX LED
Rev. 07/01/24



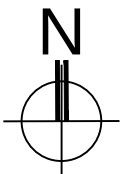
LIGHT FIXTURE SCHEDULE								
MRK	MOUNT	MFR	CATALOG NUMBER	NO.	LAMPS	REMARKS	INPUT	
					TYPE		W	VOLT
P1	PEND	LITHONIA	RSX1 LED P3 30K R3 MVOLT-	-	15000LUMENS 109W LED 3000°K	POLE LIGHT @ 22'-6" FULLY SHIELDED -	109	120 120
P2	PEND	LITHONIA	RSX1 LED P2 30K R4 MVOLT-	-	7090LUMENS 72W LED 3000°K	POLE LIGHT @ 22'-6" FULLY SHIELDED -	73	80 120
P3	PEND	LITHONIA	RSX1 LED P3 30K R5 MVOLT-	-	15000LUMENS 109W LED 3000°K	POLE LIGHT @ 22'-6" FULLY SHIELDED -	109	120 120
W	WB	LITHONIA	WPX1 LED P2 30K MVOLT-	-	2749LUMENS 23W LED 3000°K	FULLY SHIELDED WALL SCONCE MTD. @ 12'-0"	23	25 120

NOTES:
1. VERIFY FINISHES/COLOR OF LIGHT FIXTURES WITH ARCHITECT. COMPLY WITH ARCHITECT'S FINISHES/
COLOR SELECTIONS.



Photometric Site Plan

1" = 20'-0"





RSX1 LED
Area Luminaire



SEE LIGHT FIXTURE SCHEDULE

P1, P2, P3

SEE LIGHT FIXTURE SCHEDULE

Specifications

EPA (ft²/ft²): 0.57 ft² (0.05 m²)

Length: 21.9" (55.4 cm) (SPA mount)

Width: 13.3" (33.8 cm)

Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm

Weight (SPA mount): 22.0 lbs (10.0 kg)

Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.
The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral splitter and other mounting configurations are available.

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.aaculitybrands.com/designselect.
*See ordering tree for details

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DBXBD

Series	Performance Package	Color Temperature	Distribution	Ballast	Mounting
RSX1 LED	P1	30K	R3	MVOLT	SPA
	P2	40K	R3	MVOLT	SPA
	P3	50K	R3	MVOLT	SPA
	P4	50K	R3	MVOLT	SPA

Options

Shipped Installed

RS: Recess (R30-277V)
PE: Photometric, battery pack
PEB7: Seven wire remote ballast (available only for centrally lit)
SF: Single Row (120, 277, 347)
SF: Double Row (120, 140, 480)
SPDOKV: 20KV Surge pack (20KV standard)
FAD: Field adjustable output
DMS: 1/2" (12mm) external and back of housing for external control (control cabinet required)

Shipped Separately (requires some field assembly)
EGY: External glare shield
BS: Ball spikes

Finish

DBBD: Dark Bronze
DBLD: Black
DBWD: Natural Aluminum
DBWSD: White
DBDSD: Natural Dark Bronze
DBDSD: Natural Black
DBDSD: Natural Natural Aluminum
DBDSD: Natural White

WPX LED Wall Packs



REFER TO LIGHT FIXTURE SCHEDULE

W

REFER TO LIGHT FIXTURE SCHEDULE

Specifications

Front View

Side View

Luminaire	Height (ft)	Width (ft)	Depth (ft)	Side (ft)	Weight (lb)
WPX1	8.1" (20.3 cm)	11.1" (28.3 cm)	4.7" (11.9 cm)	4.7" (11.9 cm)	4.1 lbs (1.8 kg)
WPX2	9.1" (23.1 cm)	12.7" (32.3 cm)	4.7" (11.9 cm)	4.7" (11.9 cm)	8.2 lbs (3.7 kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	4.7" (11.9 cm)	4.7" (11.9 cm)	11.6 lbs (5.3 kg)

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 DBXBD

Series	Color Temperature	Voltage	Options	Finish
WPX1 LED P1	30K	300V	MVOLT	DBBD
WPX1 LED P2	40K	400V	347	DBBD
WPX2 LED	50K	500V	347	DBBD
WPX3 LED	50K	500V	347	DBBD

Notes

1. All WPX wall packs come with 60V surge protection standard, except WPX1 LED P1 package which comes with 25KV surge protection standard. Add SPDOKV option to get WPX1 LED P1 package with 60V surge protection.
2. Battery pack options only available on WPX2 and WPX3.
3. Battery pack options not available with 347V or PE options.

Features & Specifications

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 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide 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 efficiency and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL

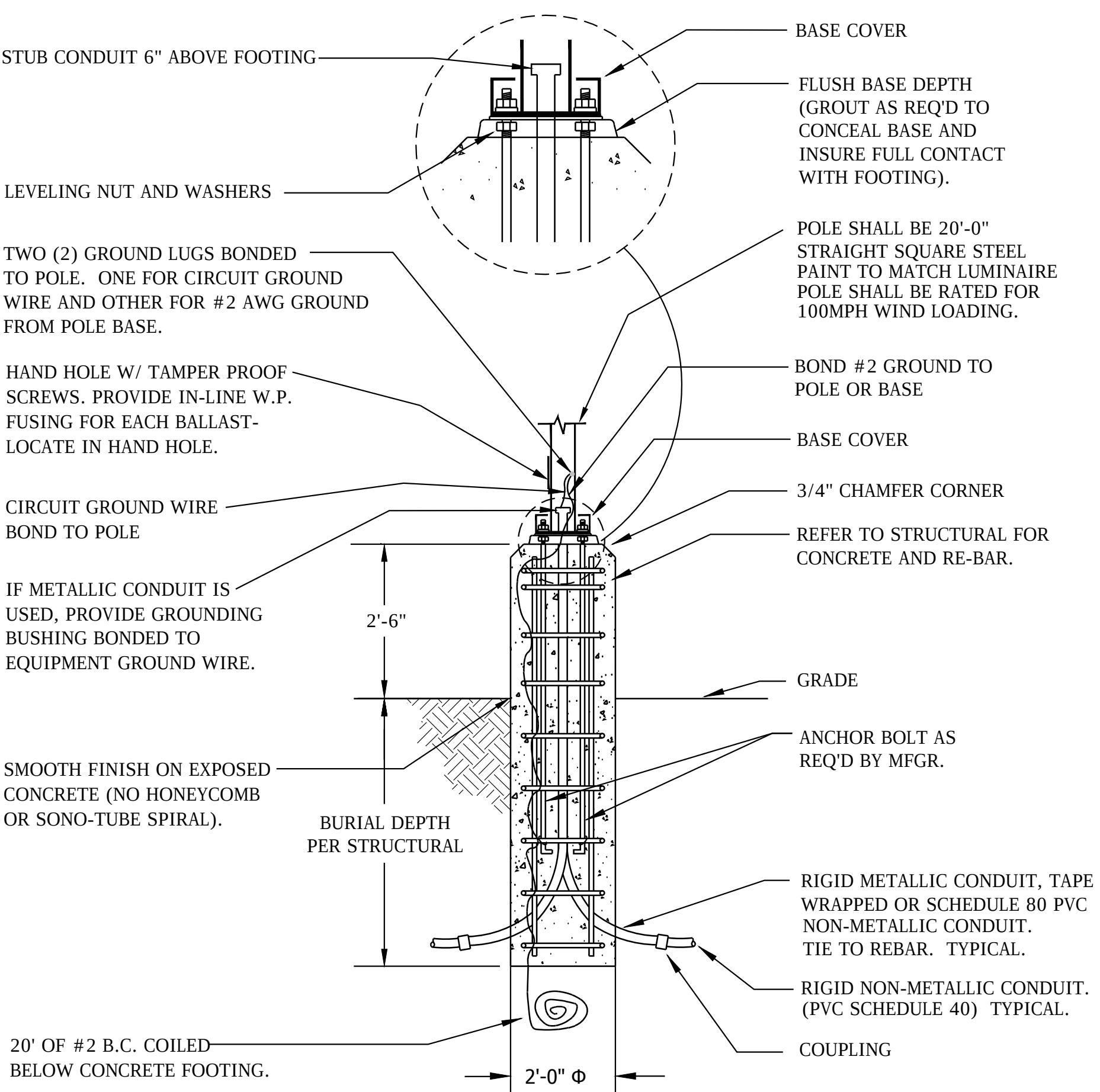
Light engineering configurations consist of high-efficiency LEDs and LED lumen maintenance of 100,000 hours. Color temperature (CCT) options of 3000K, 4000K, and 5000K with maximum CRI of 90. Electronics drives ensure system power factor >90% and THD <20%. All luminaires have 60V surge protection. These WPX LED P1 packages come with a standard surge protection rating of 2.5kV. It can be ordered with an optional 60V surge protection. All packaged P1 options on MVOLT 120V-277V input.

WARRANTY

2 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.aaculitybrands.com/Customize/Accessories_and_conditions.aspx.
Note: Actual performance may differ as a result of end-use environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

FIXTURES "P1", "P2" & "P3" POLE & BASE DETAIL

N.T.S.



BDG

BRAMIC DESIGN GROUP

10820 E CALLE LINDA VISTA
TUCSON AZ 85748
P 520.401.9183

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ISSUE INFORMATION

Building Design 04.15.2025

REVISION ISSUE INFORMATION

No. Description Date

SEAL / SIGNATURE

DCS Mesa Site Planning

8008 E University, Mesa, AZ 85207.

JOB NUMBER

25-005-06-PDCS

DRAWN BY

RPDWC

SCALE

AS NOTED

FILE NAME

File Path

ENGINEERED DESIGN GROUP

CONSULTING MECHANICAL-ELECTRICAL-PLUMBING
REFRIGERATION & FIRE PROTECTION ENGINEERS

250 PROJECT 1, 25th Floor
801 N. ALPHEA WAY, TUCSON, AZ 85711
PH: (520) 881-8800 FAX: (520) 881-8807
Web Site: www.edg-ce.com
CERTIFICATE OF AUTHORIZATION
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E1.2