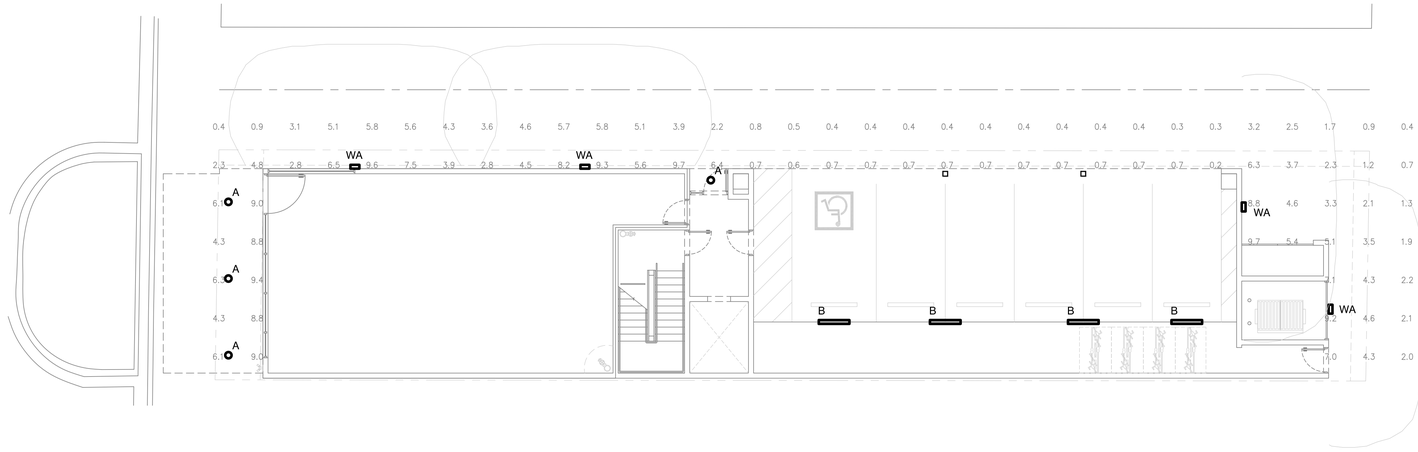


LUMINAIRE SCHEDULE

LABEL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP	NUMBER LAMPS	LUMENS PER LAMP	LLF	WATTAGE
A	Lithonia Lighting	LDN6 40/10 LO6AR LSS	6IN LDN, 4000K, 1000LM, CLEAR, SEMI-SPECULAR REFLECTOR, CRI80	LED	1	952	1	10.44
B	Lithonia Lighting	VAP 4000LM FST WD 40K 80CRI	VAP LED with BLT Gen 2 Boards	LED	1	3810	1	32.9
WA	Lithonia Lighting	WPX1 LED P2 40K MVolt	WPX1 LED wallpack 3000lm 4000K color temperature 120-277 Volts (Mount @ +9'-0")	LED	1	2913	1	24.42

NORTH
SITE LIGHTING PLAN
1/8" = 1'-0"

STATISTICS

DESCRIPTION	AVG	MAX	MIN	MAX/MIN	AVG/MIN
SITE	3.6 FC	9.7 FC	0.2 FC	48.5:1	18.0:1

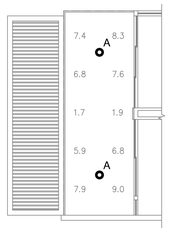
46-DR-2022

APPROVED

06/20/2023

STATISTICS

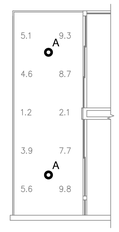
DESCRIPTION	AVG	MAX	MIN	MAX/MIN	AVG/MIN
2ND FLOOR BALCONIES	5.0 fc	9.0 fc	0.0 fc	N/A	N/A

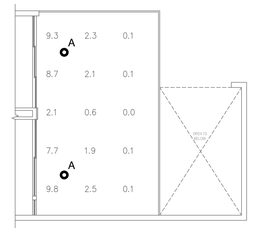


NORTH
2ND FLOOR LIGHTING PLAN
1/8" = 1'-0"

STATISTICS

DESCRIPTION	AVG	MAX	MIN	MAX/MIN	AVG/MIN
3RD FLOOR BALCONIES	4.2 fc	9.8 fc	0.0 fc	N/A	N/A

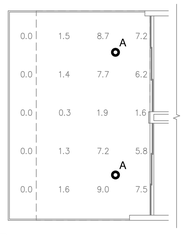




NORTH
3RD FLOOR LIGHTING PLAN
1/8" = 1'-0"

STATISTICS

DESCRIPTION	AVG	MAX	MIN	MAX/MIN	AVG/MIN
4TH FLOOR BALCONIES	3.4 fc	9.1 fc	0.0 fc	N/A	N/A



NORTH
4TH FLOOR LIGHTING PLAN
1/8" = 1'-0"

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by tin-size springs.
Vertically adjustable mounting bracket with commercial bar hangers provide 3-3/4" total adjustment.
Two combination 1/2"-3/4" and four ½" knockouts for straight-through conduit runs. Capacity: 8 (#14, 4 wire). 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 SDCM; 80 CRI minimum, 90 CRI optional.
LED light source concealed with diffusing optical lens.
General illumination lighting with 1.5 SDM and 0.5° cutoffs source and source image.
Self-flanged 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.
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. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product.

BUY AMERICAN — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. 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

Catalog Number
Notes
Type

LDN6

6" Open and WallWash LED Non-IC New Construction Downlight

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** LDN6 35/15 L06AR LSS MVOLT EZ10

LDN6 Series	Color temperature	Lumens[1]		Aperture/Trim Color		Finish		Voltage	
LDN6 6" round	27/ 2700K	05 500 lumens	25 2500 lumens	L06 Downlight	AR Clear	LSS Semi-specular	MVOLT[2] Multi-volt		
30/ 3000K	07 750 lumens	30 3000 lumens	L06AR Wallwash	WH White	LD Matte diffuse	120 120V			
35/ 3500K	10 1000 lumens	40 4000 lumens		BK[3] Black	LS Specular	277 277V			
40/ 4000K	15 1560 lumens	50 5000 lumens				347[3] 347V			
50/ 5000K	20 2000 lumens								

Driver	Options		
EZ10 0-10V driver dims to 10%	SF[4] Single fuse	NBO[4] nLight® Lumen Compensation	
EZ1 0-10V driver dims to 1%	TBW[4] White painted flange	XIT[4] Wireless room control with "Just One Touch" pairing	
DS0 Maximum dimming 10% driver for use with ICAT	TBBL[4] Black painted flange	NPSBGE2[5] nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1)	
DS Maximum dimming 1% driver for use with ICAT	EL[4] Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 AB1205;	NPSBGE2EIR[5] nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). EIR controls fixtures on emergency circuit.	
	ELR[4] Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 AB1205;	HAO[4] High ambient option	
EZ10 0-10V eldoLED driver with smooth and flicker-free dimming performance down to 10%	ELSD[4] Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 AB1205;	CP[6] Chicago Plenum	
	ELRSD[4] Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 AB1205;	RRL____ RELOC® nearly luminaire connectors enable a simple and consistent factory-installed option across all ARL luminaire brands. Available only in RRL4, RRL8, RRL4E, and RRLC125. Refer to RRL spec sheet on www.acuitybrands.com for the RELOC product specifications.	
EZ1 0-10V eldoLED driver with smooth and flicker-free dimming performance down to 1%	E10WCP[4] Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 AB1205;	NLTAIRZ[7,15,16] nLight® Air enabled	
	E10WCPR[4] Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 AB1205;	NLTAIRHBZ[7,15] nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options	
ESAB eldoLED DALI SOLDRIVE dim to dark	NPP16D nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, EZ1).	NLTAIREZ[7,15] nLight® AIR Dimming Pack Wireless Controls. IES/LM Emergency Operation, via powerinterrupt detection. Available with battery pack options.	
	NPP16DER nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, EZ1). EIR controls fixtures on emergency circuit.	BAA Buy American Act Compliant	
		90CRI High CRI (90+)	

Accessories: Order as separate catalog number.

PS10SQP	FMC Power Sentry battery pack, T20-compliant, field installable, 10W constant power
EAC EOSB 3CS	Compact interruptible emergency AC power system
EAC EOSB 5CS	Compact interruptible emergency AC power system
GBRAB JT	Oversized trim ring with 8" outside diameter
SCA6	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6-10D

Notes
1. Overall height varies based on lumen package; refer to dimensional chart on page 5.
2. Not available with finishes.
3. Not available with emergency options.
4. Must specify voltage 120 for 277V.
5. Available with clear ABS reflector only.
6. 12.5" of plenum depth or trip access required for battery pack maintenance.
7. Specify voltage. EX for some fit generator supply 5W power. Will require an emergency hot feed and normal hot feed.
8. Fixture begins at 80% light level. Must be specified with NPSBGE2 or NPSBGE2EIR. Only available with EZ10 and EZ1 drivers.
9. Not available with CP, NPS40EZ, NPS80EZ(EIR, NPP16D), NPP16DER or NAO options.
10. NLTAIRZ, NLTAIREZ and NLTAIRHBZ not recommended for metal ceiling installations.
11. Fixture height is 6.75" for all lumen packages with HAO.
12. Must specify voltage for 3500lm and above. 5000lm with marked spacing 24 Lx 24 W x 14 H. Not available with emergency battery pack option.
13. Must specify 0-10 or 0-1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs.
14. When combined with EZ1 or EZ10 drivers, can be used as a normal power sensing device for nLight AIR sensors and luminaires with EIR options.

DOWNLIGHTING

LDN6

TYPE 'A'

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in applications where smart, energy-efficient fixtures are desired. Typical applications include parking garages, canopies, transportation, schools, hospitals, cold storage and exterior retail environments where moisture or dust is a concern. Polycarbonate enclosure protects fixture while remaining easy to service and clean. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the [2] product family. **Certain airborne contaminants can diminish the integrity of acrylic and polycarbonate.** Click here for Acrylic-Polycarbonate Compatibility Table for suitable uses.

CONSTRUCTION — UV-stabilized, injection-molded, impact-resistant, frosted polycarbonate housing with continuous poured in place, closed-cell gasket. 20-gauge steel channel and channel cover. Aluminum sheet metal louver plate for thermal conduction and support. Captive, tamper-resistant, polycarbonate latches standard. (8 hex T-20 tamper-resistant screws included). Stainless steel latches also available. Fixture design allows for approximately 4% up-light.

OPTICS — UV-stabilized, injection-molded, impact-resistant, clear transparent and frosted, polycarbonate lens with aesthetic rib detail (.090" thick). Alzac 5 aluminum reflector used to achieve wide distribution.

ELECTRICAL — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Standard 0-10V dimming. Integral 6kV/3kA surge protection, tested in accordance to IEEE/ANSI standards. >338K at 60,000 hours (see chart on page 3).

INSTALLATION — Two stainless steel surface mount brackets standard (unless another mounting option is chosen) allowing for ceiling or suspended mount. A variety of mounting options are available including stainless steel mounting options; J-box mounting and mounting brackets for suspension with aircraft cable (cable not included). Optional stainless steel U-hooks available for chain hanging (chained included). Surface conduit entry on one end or each end (WU/UWD or WUFDWD) and on top (WU or WUFW) allow for rigid conduit entry. For horizontal and vertical mounting on a wall, application must be under a covered ceiling and GMS option recommended. 1/2" - 3/4" KO. When wall mounted the product will be rated for damp location only.

LISTINGS — CSA Certified to UL and C-UL standards. For use in ambient temperatures ranging from -30°F (-29°C) to 104°F (40°C). VAP LED is wet location listed for covered ceiling applications. IP65 and IP66 rated. VAP LED is IES5 Splash Zone rated when suspended or ceiling mounted. When wall mounted the product will be rated for damp location only. Designlights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) 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
For installed Rough Service Product(s), Acuity warrants that, for the lifetime of the product(s), the polycarbonate lens and/or polycarbonate housing will withstand breakage resulting from occasional physical abuse and rough handling (the "Rough Service Warranty"), set within and to the same exclusions set forth 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
Notes
Type

Rough Service Fixture

ARCHWAY PASSAGE

VAP LED

CEILING/ SUSPEND MOUNT

Specifications
Length: 34-3/4 (339.1)
Width: 8-1/4 (21.0)
Depth: 4-1/8 (10.5)
Weight: 13.1 lbs. (5.9 kg)

4-1/8 (10.5)
8-1/4 (21.0)

All dimensions are shown in inches (centimeters) unless otherwise noted.

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.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is sorted in an A+ Certified solution for nLight® or control networks marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

INDUSTRIAL VAP-LED

TYPE 'B'

WPX LED
Wall Packs

Catalog Number
Notes
Type

Specifications

Front View Side View

Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				Left	Right	
WPX1	8.1" (20.6 cm)	13.1" (28.1 cm)	3.2" (8.1 cm)	4.0" (10.1 cm)	8.0" (13.6 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)	8.7" (17.2 cm)	8.2 lbs (3.7kg)
WPX3	9.3" (24.1 cm)	13.3" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	9.7" (17.2 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

Series	Color Temperature	Voltage	Options	Finish
WPX1 LED P1 1,550 Lumens, 19W[8]	30K 3000K	MVOLT 120V - 277V	(blank) None	DDBXD Dark bronze
WPX1 LED P2 2,900 Lumens, 24W	40K 4000K	347 347V[1]	EM/EM Emergency battery backup, CEC compliant (4W, 2°C min)[2]	DWHXD White
WPX2 LED 6,000 Lumens, 47W	50K 5000K		E14WC Emergency battery backup, CEC compliant (14W, -20°C min)[3]	DBLXD Black
WPX3 LED 9,200 Lumens, 69W			PE Photocell[4]	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
1. 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
2. Battery pack options only available on WPX1 and WPX2.
3. Battery pack options not available with 347V and 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 69,000/100,000 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 pass-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. 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.

LITHONIA LIGHTING.
COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WPX-LED
Rev. 09/01/21

TYPE 'WA'

TOMECAK DESIGN
4368 NORTH CIVIC CENTER PLAZA
SUITE 201
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DAVID G. WATSON
STATE OF ARIZONA
Expires: 3/31/24

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SCOTTSDALE, ARIZONA 85251

REVISED:

JOB #: 22-17

DATE: 11.18.2022

CONTENTS:
SITE LIGHTING PLAN

SHEET No: **E1.00**

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