

Project	
Notes	
Type	Date
Cat. No.	

WPE™ UX Series

LED Wall Pack Luminaire



DESCRIPTION

The Aleo WPE™ UX Series combines energy-efficiency, high performance, and rugged construction with a familiar and traditional look to deliver enhanced performance to outdoor wall-mounted lighting applications. Rugged die-cast housing provides advanced thermal management for long life and weather-proof compartment to withstand challenging, outdoor environments. Traditional look helps to maintain familiar building aesthetics.

APPLICATIONS

Outdoor wall-mount applications. Building facade. Retail, commercial, industrial exteriors

Specification Features



Construction

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Weather-proof, gasketed compartment protects electronics against environmental elements.

Optical System

High performance LED platforms delivers high efficiency and long life. Prismatic glass lens designed for superior light distribution and uniformity. Type IV VS comes standard.

Certification

UL Listed. All components have safety certification. DLC QPL Premium

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features universal voltage (120-277V) for convenient installation. 0-10V continuous dimming.

Installation / Mounting

Designed to be wall-mounted higher than 4-ft. from the ground. Luminaire to be mounted directly over standard 4" junction box (supplied by others) or surface mount and wiring connection through convenient 1/2" threaded conduit entry hub.

Photocell

Comes Standard with built-in dusk-to-dawn photocell.

Field-Adjustable CCT / Wattage

Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch inside the housing.

WPE UX Series

60W 30W/45W/60W

80W 50W/70W/80W

120W 80W/100W/120W

Rated Life 75,000 hours
Limited Warranty 7-years
Efficacy Up to 145 LPW
Continuous Dimming



Quick Ship

WPE-60UX/CT
WPE-80UX/CT
WPE2-120UX/CT

Ordering Information

Example: WPE-80UX/CT

WPE	80	UX	CT	[Blank]	[Blank]	[Blank]
Series	Nominal Wattage	Lumen Package	Color Temp	Input Voltage	Controls	Finish
WPE / WPE2	60 30W/45W/60W	UX	CT Field Adjust.	Blank	Blank	Blank
LED Traditional	80 50W/70W/80W	Field Adjustable	3000K	120V-277V	Photocell	Dark Bronze
Wall Pack	120 80W/100W/120W	Wattage	4000K			RAL#8019
			5000K			
			*Utilize 3-way switch to select			

Options

Controls

OSDL/IR

Multi-Level Occ. Sensor w/ wireless config.

Emergency Backup¹

EM700

700 lm

Designation

BAA

Buy American Act Compliant

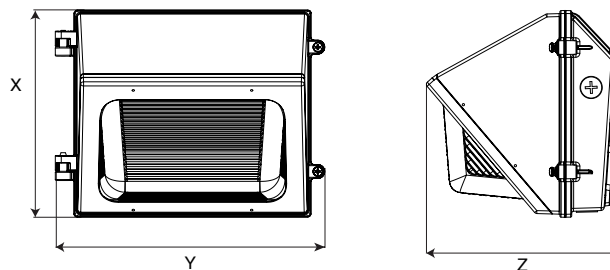
BABAA

Build America, Buy America Act Compliant

Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	120-140 lm/W (typ.)
CRI	> 80
Available CCT	3000K/4000K/5000K
Rated Life	75,000 hours
Power Factor	≥ 0.9
THD	≤ 20%
IP Rating	IP65
Photometric Distribution	Type IV
Operating Temp.	-40°C to 50°C
Surge Protection	4kV - 6kV

Product Dimensions



Catalog No.	Height (X)	Length (Y)	Depth (Z)
WPE-60UX/CT	8.26" (209.7mm)	10.75" (273mm)	7.69" (195.3mm)
WPE-80UX/CT	9.33" (237mm)	14.37" (365mm)	7.36" (187mm)
WPE2-120UX/CT	9.33" (237mm)	14.37" (365mm)	7.36" (187mm)

Performance Data

Catalog No.	Nominal Wattage (W)	Tested Wattage (W)	3000K		4000K		5000K	
			Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
WPE-60UX/CT	30	28.6	3,935.4	137.6	4,312.9	150.8	4,052.6	141.7
	45	42.9	5,843	136.2	6,405	149.3	6,018.9	140.3
	60	57.2	7,716.3	134.9	8,454.2	147.8	7,945.1	138.9
WPE-80UX/CT	50	51.6	8,018.6	155.4	8,627.5	167.2	8,178.6	158.5
	70	72.3	11,127	153.9	11,965.7	165.5	11,343.9	156.9
	80	82.6	12,588.2	152.4	13,538.1	163.9	12,827.8	155.3
WPE2-120UX/CT	80	83.5	12,500	149.7	13,460.2	161.2	12,733.8	152.5
	100	104.4	15,472.1	148.2	16,662.2	159.6	15,764.4	151
	120	125.3	18,381.5	146.7	19,797.4	158	18,732.4	149.5

DLC QPL Data



QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
WPE-60UX/CT	PLGYJDRVRIFM	5.1	Premium	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE-80UX/CT	PLT2QE07BGDW	5.1	Premium	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
WPE2-120UX/CT	PLP5U3A0AFDA	5.1	Premium	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires

BAA and BABAA Compliant

**BAA - Buy America Act Compliant**

Complies and Qualifies for projects requiring Buy America Act (BAA) compliant product

BABAA - Build America, Buy America Compliant

Complies and Qualifies for projects requiring Build America, Buy America Act (BABAA) compliant product

*Note: BAA and BABAA product will require lead times approximately ranging from 12-18 weeks. Contact your Aleo representative for more information



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