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| Project | |
| Notes | |
| Type | Date |
| Cat. No. | |



WPE™ XE Series LED Wall Pack Luminaire

DESCRIPTION

The Aleo WPE™ 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



WPE XE Series

30W, 45W, 60W, 75W, 90W, 120W

Rated Life 75,000 hours
Limited Warranty 7-years
Efficacy Up to 147 LPW
Continuous Dimming

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

ETL 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.

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.

Controls / Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.



Quick Ship

WPE-30/40K XE G3
WPE-30/50K XE G3
WPE-45/40K XE G4
WPE-45/50K XE G4
WPE-60/40K XE G4
WPE-60/50K XE G4
WPE-75/40K XE G4
WPE-75/50K XE G4
WPE-90/40K XE G4 ECO
WPE-90/50K XE G4 ECO
WPE-120/40K XE G4 ECO
WPE-120/50K XE G4 ECO

Ordering Information

Example: WPE-45/50K XE G4

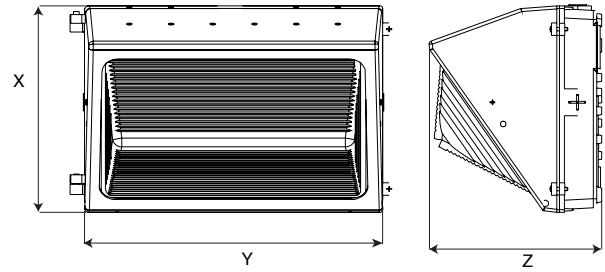
| WPE | 45 | 50K | [Blank] | XE G4 | [Blank] | [Blank] | | |
|---------------------------|------------------------|------|-------------------------------|-------|----------------------|-------------------|--|-------------------------------|
| Series | Nominal Wattage | | Color Temp¹ | | Input Voltage | Generation | Controls | Finish Color |
| WPE | 30 | 30W | 40K | 4000K | Blank 120V-277V | XE G3 | PC-UNV Photocell (120V/277V) | Blank Dark Bronze RAL#8019 |
| LED Traditional Wall Pack | 45 | 45W | 50K | 5000K | | XE G4 | | |
| | 60 | 60W | | | | XE G4 | OSDL/IR | WH White RAL#9003 |
| | 75 | 75W | | | | Generation 4 | Multi-Level Occ. Sensor w/ wireless config. | BLK Black RAL#9011 |
| | 90 | 90W | | | | | Emergency Backup EM700* 700 lm EM1400 1400 lm | SILV Silver RAL#9006 |
| | 120 | 120W | | | | | | *only option for WPE-30 |

Specifications and Dimensions subject to change without notice.

Performance Summary

| | |
|----------------------------|-----------------------|
| Input Voltage | 120V-277V |
| Input Frequency | 50/60 Hz |
| Rated Wattage | See Performance Table |
| Delivered Lumens | See Performance Table |
| Efficacy | 147 LPW (typ.) |
| CRI | 70+, R9 > 0 |
| Available CCT ¹ | 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 40°C |
| Surge Protection | 2.5kV |

Product Dimensions



| Catalog No. | Height (X) | Length (Y) | Depth (Z) |
|---------------|---------------|----------------|---------------|
| WPE-30 XE G3 | 9.21" (234mm) | 9.17" (233mm) | 7.67" (195mm) |
| WPE-45 XE G4 | 9.25" (235mm) | 13.19" (335mm) | 7.5" (191mm) |
| WPE-60 XE G4 | 9.25" (235mm) | 13.19" (335mm) | 7.5" (191mm) |
| WPE-75 XE G4 | 9.25" (235mm) | 13.19" (335mm) | 7.5" (191mm) |
| WPE-90 XE G4 | 9.25" (235mm) | 13.19" (335mm) | 7.5" (191mm) |
| WPE-120 XE G4 | 9.25" (235mm) | 13.19" (335mm) | 7.5" (191mm) |

Performance Data

| Catalog No. | Nominal Wattage (W) | Tested Wattage (W) | 4000K | | 5000K | |
|---------------|---------------------|--------------------|-----------------------|-----------------|-----------------------|-----------------|
| | | | Delivered Lumens (lm) | Efficacy (lm/W) | Delivered Lumens (lm) | Efficacy (lm/W) |
| WPE-30 XE G3 | 30 | 28.4 | 4,376 | 153.8 | 4,424 | 155.9 |
| WPE-45 XE G4 | 45 | 42.4 | 6,297 | 148.9 | 6,349 | 149.6 |
| WPE-60 XE G4 | 60 | 58.3 | 8,283 | 142.4 | 8,464 | 145.1 |
| WPE-75 XE G4 | 75 | 66.8 | 9,987 | 148.1 | 9,994 | 149.7 |
| WPE-90 XE G4 | 90 | 83.2 | 12,127 | 146.4 | 12,478 | 150 |
| WPE-120 XE G4 | 120 | 110.6 | 15,903 | 143.4 | 16,288 | 147.3 |

DLC QPL Data

| QPL Model No. | Product ID | Technical Req. | Classification | Primary Use |
|-----------------------|--------------|----------------|----------------|---|
| WPE-30/40K XE G3 | PLJPTA0T8AQ3 | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-30/50K XE G3 | PL1VJOLQ38W | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-45/40K XE G4 | PLIYQ0UTGVHB | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-45/50K XE G4 | PLZNJ02VQYVE | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-60/40K XE G4 | PLHZD02WRNJ2 | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-60/50K XE G4 | PLIE9P93CZMA | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-75/40K XE G4 | PLFB0UQ3PNKO | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-75/50K XE G4 | PLKVKBWGWRQW | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-90/40K XE G4 ECO | PLHEJFWKKWCU | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-90/50K XE G4 ECO | PL1R8UQ4V1M7 | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-120/40K XE G4 ECO | PLU5JMJJYEX7 | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |
| WPE-120/50K XE G4 ECO | PL1AVO1AV92S | 5.1 | Premium | Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires |

