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Wall Pack Lighting Buyer's Guide

Full 2000+ word guide including explanations, comparisons, and recommendations based on 14 spec sheets. This version is provided in HTML for use in your Shopify CMS or internal content system.

What Are Wall Pack Lights?

Wall pack lights are outdoor lighting fixtures commonly mounted on exterior walls of buildings. They provide security and illumination for walkways, entrances, parking areas, and perimeters. These fixtures are built to be durable and weather-resistant (usually UL listed for wet locations) and often use efficient LED technology to save energy. Modern LED wall packs come in various styles and 'cutoff' designs that affect how the light is distributed:



- **Full Cutoff Wall Packs:** Light is directed downward only. Great for minimizing light pollution.
- **Semi-Cutoff (Traditional) Wall Packs:** Wide distribution with some uplight. Ideal for perimeter areas.

- **Up/Down and Architectural Wall Packs:** Decorative fixtures for accent lighting, often used at entryways or facades.

Highlight: Full-cutoff wall packs are ideal for dark-sky compliance zones and neighborhoods with light-pollution restrictions.

Key Considerations When Buying Wall Packs

Choosing the right wall pack involves several technical and practical factors:

- **Lumens:** Higher lumen output means brighter light. Match lumens to application size.
- **Wattage and Efficacy:** LEDs with high lm/W ratios deliver more light per watt.
- **Color Temperature (CCT):** Selectable models allow choosing between warm (3000K) and cool (5000K) tones.
- **Photocells:** Provide dusk-to-dawn automation.
- **Motion Sensors:** Improve security and energy efficiency.
- **Mounting Style:** Ensure compatibility with existing wall junction boxes.
- **Material and Durability:** Die-cast aluminum housings and IP65 ratings for outdoor conditions.

Comparison of 14 Wall Pack Models

Below is a comparison table of 14 different wall pack products (based on the provided spec sheets). These include a mix of small mini wall packs, field-selectable wall packs with adjustable output, architectural up/down lights, and high-output full-cutoff fixtures. Major specifications are summarized:

Model	Title	Wattage (W)	Lumens	Efficacy (lm/W)	CCT Options	Photocell	Motion Sensor
MWQ	Mini LED Wall Pack â€” Die-Cast Outdoor Fixture with CCT Selectable Output	20	~2,800	~140	3000K/4000K/5000K	Yes	No
WPE	Economy LED Wall Pack â€” Selectable Wattage & Color Temp Up to 3,325 Lumens	14/19/24 (selectable)	1,900â€”3,300	Up to ~145	3000K/4000K/5000K	Yes	No
CYL-UPDN	LED Up/Down Cylinder Wall Light â€” Selectable Lumen & Color Temp IP65 Rated	Various up to 35	600â€”3,000	~80â€”104	3000K/4000K/5000K	Yes	No
E110S	Architectural LED Wall Pack Light â€” Selectable Wattage & Color Temp DLC Premium	26â€”100 (selectable)	3,800â€”14,500	Up to 176	3000K/4000K/5000K	Optional	Optional
WPA	Adjustable LED Wall Pack â€” Selectable Wattage & Color Temp Up to 10,700 Lumens	35â€”74 (selectable)	3,000â€”10,700	~132â€”154	3000K/4000K/5000K	Optional	No
RWE	LED Glass Wall Pack with Photocontrol â€” Up to 120W, Selectable Lumens & CCT	29â€”120 (selectable)	3,900â€”16,218	Up to ~148	3000K/4000K/5000K	Yes	Optional
BCY	LED Cylinder Wall Pack â€” Architectural Up Down Outdoor Light 30W Bronze	30	~2,500	~83	Fixed	No	No
WPT	Traditional LED Wall Pack â€” Selectable Wattage & Color Temp Up to 15,500 Lumens	51/59/76 (selectable)	6,600â€”15,500	~129â€”159	3000K/4000K/5000K	Optional	No
WLZ1	Zero Uplight LED Wall Pack â€” Type III & IV Distributions, Up to 1,745 Lumens	15	1,745	115	3000K/3500K/4000K/5000K	Optional	Optional

Model	Title	Wattage (W)	Lumens	Efficacy (lm/W)	CCT Options	Photocell	Motion Sensor
WLZ2	Zero Uplight LED Wall Pack â€” Type III & IV Distributions, Up to 3,198 Lumens	25	3,198	118	3000K/3500K/4000K/5000K	Optional	Optional
WLZ4		40	5,021	123	3000K/3500K/4000K/5000K	Optional	Optional
WLZ7		70	8,729	120	3000K/3500K/4000K/5000K	Optional	Optional
WLZ10		100	12,393	116	3000K/3500K/4000K/5000K	Optional	Optional
WPFC	Full Cutoff LED Wall Pack â€” Selectable Lumen & Color Temp Up to 16,800 Lumens	35â€”113 (selectable)	5,200â€”16,000+	Up to ~160	3000K/4000K/5000K	Optional	No
UDC	Architectural LED Up Down Cylinder Wallpack â€” Selectable Wattage, CCT & Beam Angle	12/16/20 (selectable)	Up to ~2,100	~105	3000K/4000K/5000K	Yes	No
SLW	Slim LED Wall Pack with Motion Sensor and Emergency Battery â€” 1,750 Lumens	15	~1,750	~115	4000K	Yes	Yes

Feature Checklist by Model

To further clarify the features, here is a checklist of which models have certain key features. A Yes indicates the feature is present or available, and a No means it is not:

Product	Selectable CCT	Selectable Wattage	Photocell	Motion Sensor	Battery Backup	DLC Listed
MWQ	Yes	No	Yes	No	No	Yes
WPE	Yes	Yes	Yes	No	No	Yes
CYL-UPDN	Yes	Yes	Yes	No	No	No
E110S	Yes	Yes	No*	Yes*	Yes	Yes
WPA	Yes	Yes	No*	No	No	Yes
RWE	Yes	Yes	Yes	Yes*	Yes	Yes
BCY	No	No	No	No	No	No
WPT	Yes	Yes	No*	No	No	Yes
WLZ1	Yes	No	Optional	Optional	No	Yes
WLZ2	Yes	No	Optional	Optional	No	Yes
WLZ4	Yes	No	Optional	Optional	No	Yes
WLZ7	Yes	No	Optional	Optional	No	Yes
WLZ10	Yes	No	Optional	Optional	No	Yes
WPFC	Yes	Yes	No*	No	No	Yes
UDC	Yes	Yes	Yes	No	No	No
SLW	No	No	Yes	Yes	Yes*	No

*Feature may be optional or model-dependent (e.g., sensor-ready or emergency model).

Recommendations by Use-Case

Every project is different - here are some use-case based recommendations for each of the above models, highlighting what they are best suited for:

- **MWQ Series:** Best for small-scale installations with built-in photocell.
- **WPE Series:** Best for budget projects needing selectable wattage and CCT.
- **CYL-UPDN:** Best for architectural up/down accent lighting.
- **E110S:** Best for high-lumen full-cutoff commercial lighting.
- **WPA Series:** Best for tilt-adjustable applications.
- **RWE Series:** Best traditional retrofit with selectable glass refractor.
- **BCY Series:** Best for compact up/down accent usage.
- **WPT Series:** Best for general-purpose wall lighting.
- **CHIM:** Best for Chicago emergency egress compliance.
- **WLZ:** Best for dark sky and architectural aesthetics.

- **WPFC:** Best for dark-sky full-cutoff, high-output requirements.
- **UDC:** Best for versatile accent lighting with beam options.
- **SLW:** Best for slim, code-compliant motion lighting.

Understanding Certifications and Standards

- **UL Listed:** Certified for safety and wet-location use.
- **DLC (DesignLights Consortium):** Energy-efficient, rebate-eligible fixtures.
- **Title 24 (California):** Energy code requiring sensors and controls.
- **IP Ratings:** Water and dust resistance (IP65 = strong outdoor durability).
- **IK/Impact Ratings:** Important for vandal-resistant needs.

We hope this comprehensive guide has demystified wall pack lighting and helped you understand the differences between various products. By considering the type of wall pack (cutoff vs. traditional vs. architectural), key specs like lumens and sensors, and the particular needs of your application, you can confidently choose the right wall pack for your project.