USLED
Always the Right Choice!

Project	Date

Catalog Number	Type

QubePAK®4 Compact

Outdoor LED Wall Pack

Key Features

- Low-wattage, highly-efficient patented LED replacement for legacy HID wall packs.
- Traditional aesthetics offer a familiar commercial look for any outdoor application.
- Robust die-cast housing is IP65-rated to protect integral components from harsh environments.

Electrical

- 120-277V 50/60Hz driver.
- 0-10V dimming standard.
- System power factor >90% and THD <20%.
- Operating temperature: -40°C to 45°C (-40°F to 113°F).

Mounting

- Designed for wall mounting above four feet from the ground.
- Housing is configured for mounting directly over a standard 4" outlet box (by others) or surface wiring via any of the convenient 1/2" threaded conduit entries.

Construction

- Two-piece die-cast aluminum housing optimizes thermal management.
- Housing is protected by a RoHS compliant, corrosion resistant powder coat finish.
- Standard architectural bronze finish.
- High-impact, heat-resistant borosilicate glass lens is hinged and won't degrade.

Optics

- Industry-leading LEDs with 5000K CCT (minimum 70 CRI).
- IES Type IV distribution.
- Lumen Maintenance: ≥167,000 hours (L70). [1]

Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

Product Performance Summary

Lumen Output	Up to 8,132 lumens
Efficacy	Up to 172 LPW
CRI	≥ 70 CRI
Available CCT	5000K
Warranty	Ten-Year Warranty

Product Overview

Introducing the QubePAK®4, US LED's latest advancement in wall pack lighting. Engineered to outperform and outlast traditional HID wall packs, the QubePAK®4 is the epitome of energy efficiency and durability. Built with a robust housing and traditional aesthetics, it stands resilient against the elements, ensuring exceptional performance for 167,000 hours (L70). The QubePAK®4 is perfect for new construction and retrofit projects, offering outstanding illumination in a popular classic design.

Product Applications

- Self-Storage Facilities
- Educational Facilities
- Business Campuses
- Industrial Facilities
- Mall/Retail Areas
- Recreational Areas
- Building Exteriors
- Security Lighting
- Wall Washing
- Parking Lots

Product Certifications

- UL Listed
- DLC Premium Listed
- Complies with UL1598 and CSA C22.2
- Suitable for Wet Locations
- IP65 Rated Enclosure
- RoHS Compliant

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Ordering Information

Example: ULWL2-1-UNVL-50-40-BZ

ULWL2					
Series	**Variant**	**Input Voltage**	**CCT**	**Wattage**	**Finish**
	1 Standard	**UNVL** 120-277V	**50** 5000K	**30** 30W	**BZ** Bronze
				40 40W	
				50 50W	

Accessories	
BB	Remote Battery Back Up
C	Casambi Enabled
MS	Motion Sensor
PC	Photocell

1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

QubePAK®4

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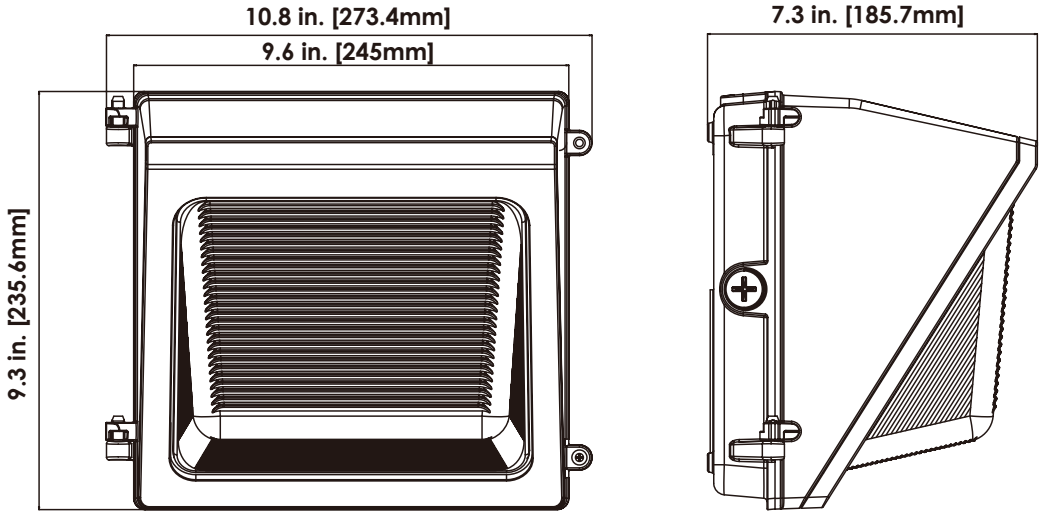
Dimensions

Product Net Weight
6.00 lbs. [2.72kg]



Performance Data

All photometric testing performed to IESNA LM-79 standards by an accredited testing facility.
For photometric data details, please visit www.usled.com or consult the factory directly.

Model	CCT	System Level Power	Wattage	Delivered Lumens	Efficacy	BUG Rating	L70 Calculated Life
ULWL2-1-UNVL-50-30-BZ	5000K	30W	28.1W	4,840.0	172.2 LPW	B1-U3-G3	≥167,000 Hours
ULWL2-1-UNVL-50-40-BZ	5000K	40W	39.4W	6,657.0	169.0 LPW	B2-U3-G4	≥167,000 Hours
ULWL2-1-UNVL-50-50-BZ	5000K	50W	48.9W	8,132.0	166.3 LPW	B2-U3-G4	≥167,000 Hours

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Accessories

Remote Emergency Battery Back-Up

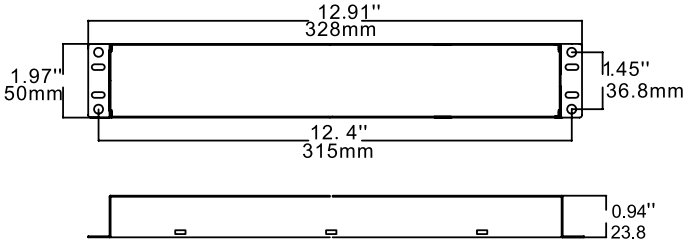
[Option BB]

Key Features & Overview

- Meets all NEC, IBC, and Life Safety Code Emergency Lighting Requirements; self-testing feature.
- Suitable for use in plenum or damp locations.
- Constant wattage delivery maintains illumination for the full emergency runtime with no degradation.
- Five-Year warranty.

UL Listed remote LED emergency driver that allows one luminaire to operate in both normal and emergency modes. During a power failure, the battery back-up engages and powers the luminaire for 90 minutes.

Rated Input Voltage	100-347VAC, 50/60Hz
Input Current	≤100mA Max
Input Power	12W Max
Output Voltage Range	170V DC
Output Power	6-25W
Recharge Time	24 Hours
Discharge Time	90 Minutes
Ambient Temp. Rating	0°C to 50°C (32°F to 122°F)



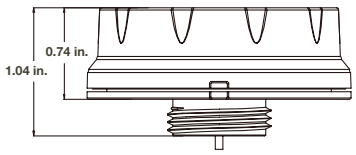
Microwave Motion Sensor & Adjustable Arm

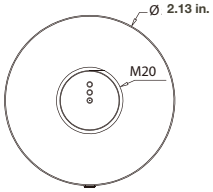
[Option MS] HAISEN HD07VR-MH

Key Features

- Microwave motion sensor - 12VDC input range; IP65.
- Mounted externally by adjustable receptacle arm.
- Bi-level dimming, daylight threshold, dusk/dawn functions.
- Default settings - Detection area: 100%, Hold time: 5s, Daylight Threshold: disabled, Standby Period: 0s, Standby Dimming Level: 10%

Operating Voltage	12VDC
Operating Current	≥30mA
Output	DIM 0-10V
Stand-By Power	<0.5W
Detection Area	25%/50%/75%/100%
Hold Time	5s/30s/1min/3min/5min/10min 20min/30min
Daylight Threshold	Disable/2Lux/10Lux/30Lux 50Lux/100Lux
Stand-By Time	0s/10s/1min/5min/10min 30min/60min+∞
Stand-By Dimming Level	10%/20%/30%/50%
Microwave Power	<0.3mW
Detection Distance	≥9ft.
Max Installation Height	39ft.
Operating Temperature	-20°C to 60°C (-4°F to 140°F)





Accessories

Electronic Photocell 120-277VAC
[Option PC]

Key Features & Overview

- Installed internally (no external mounting required).
- Non-drift silicon light sensor with IR filter.
- DC relay with zero-crossing circuitry for extended life.

The electronic photocontrol accessory is perfect for simplified outdoor lighting control, providing ON/OFF function in accordance with the ambient lighting level.

Sensor Time Delay	Instant ON; 3-10 sec OFF
Photocell Type	Silicon Diode
Photo Control Switch Type	Relay
Power Consumption	0.4W Max
Activation On	10~20Lx
Activation Off	30~80Lx
Dimensions	2.25” (H) x 1.14” (W) X 1.73” (D)
Operation Temperature	-40°C to 70°C (-40°F to 158°F)