

## Introduction

The WP500C Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The energy savings, long life and easy-to-install design of the Wallpack make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

# WP500C Series LED Wallpack Light

## ORDERING INFORMATION

EXAMPLE : WP501C-70W-XXXX-XX

Model	LOW/MED/HIGH Power	Color	Options	FINISH
WP501C	40W/55W/70W	3000K	NPC No photocontrol PCR3 Photoelectric Switch	BR Brown
WP502C	60W/80W/100W	4000K		WH White
		5000K		BL Black
				GR Gray

## REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations.
- Certified to ANSI C136.31-2001, 3G vibration standards.
- (Optional)10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.
- Meets FCC Part 15 standards for conducted and radiated emissions.
- Luminaire and finish endurance tested to withstand 3,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B117.
- RoHS compliant. Consult factory for additional details.
- Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000K (70 min. CRI) to 5000K (70 min. CRI) configurations.

## ELECTRICAL SYSTEM

- Input Voltage: 100-277Vac , 50/60Hz
- Power Factor : > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 2.5kV surge suppression protection standar.
- Luminaire is qualified to operate at ambient temperatures of -40°C to+50°C
- 0(1)-10V Dimming Range:Continuous Dimming to 10% or below

## FINISH

Exterior parts are protected by Super Durable thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multistageprocess ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

## WARRANTY

- Five year limited warranty is standard on luminaire and components.

## WP500C Series Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of enduser environment and application. Actual wattage may differ by +/- 10% when operating between 100-277VAC+/- 10%. Contact factory for performance data on any configurations not shown here.

MODEL	LEDS	RATED WATTS	30K(3000K,70CRI)		40K(4000K,70CRI)		50K(5000K,70CRI)	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
WP501C	308	70W	9450	135	9520	136	9600	137
WP502C	432	100W	13400	134	13500	135	13600	136

### Electrical Data

MODEL	LEDS	LED CURRENT	SYSTEM WATTS	Current		
				120	240	277
WP501C	308	0.034A	70W	0.58	0.3	0.26
WP502C	432	0.034A	100W	0.84	0.42	0.37

### Lumen Ambient Temperature (LAT) Multipliers

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99

### Luminaire Lumen Maintenance Factors (LMF)

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below.

For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	75000	100000
Lumen Maintenance Factor	WP701 28 LED 0.09A				
	100%	96%	94%	92%	90%
Lumen Maintenance Factor	WP702 49 LED 0.09A				
	100%	96%	93%	90%	87%