

Project:	Catalog#:	Type:
Prepared By:	Notes:	Date:

E4WPA

LED Wall Pack • 2 Size Options • 10 year Warranty • Integrated Dusk-To-Dawn Photocell



Overview

Energetic Lighting's E4WPA series LED commercial wall pack fixtures provide a quick and easy solution for warehouse and industrial applications. Available in 35W, 50W, 75W, 100W and 120W variants, designed to replace traditional 100W-400W equivalent HID wall pack fixtures. The standard design looks and feels just like traditional HID wall packs, but without any of the high wattage heat and maintenance. Two standard housing sizes are available to cover existing HID wall pack profiles, for an easy one-to-one replacement. Integrated emergency battery back up system available in all wattage housing. Dimmable with standard 0-10v systems in all models. An integrated dusk-to-dawn photocell sensor automatically turns the fixture on/off relative to ambient light. Constructed out of heavy duty ADC12 die-cast aluminum with robust gaskets and seals to prevent moisture and insect ingress. Each fixture is rated for a minimum L70 of 50,000 hours with a dependable design that will operate hassle-free for many years.

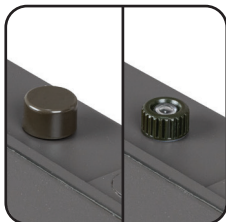
Features

- Up to 82% energy saving compared to traditional fixtures.
- Heavy-duty die cast aluminum housing.
- Architectural bronze finish, anti-corrosion spray.
- Borosilicate glass lens for long life durability, no fading, high light transmittance.
- IP65 rated, waterproofing material is used throughout the fixture.
- 0-10V dimmable driver.
- Dusk to dawn photocell options.
- 3000K/4000K/5000K CCT selectable(4&5K DLC)
- 100%/80%/60% wattage selectable

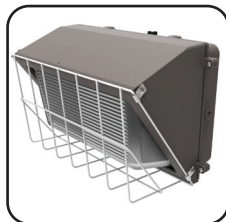
Applications

- Perimeters and Pathways
- Commercial and Retail
- General Security and Loading Docks

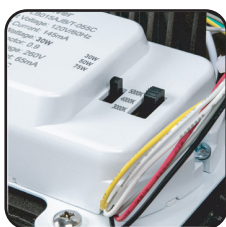
Highlights



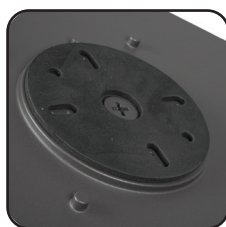
Made to order Photocell Dusk-to-Dawn installation optional for E4WPA



Wire Guard available (optional)



Field-selectable CCT and Wattage control provides flexibility to installation and stocking



Integrated foam J-Box gasket provided for ease of installation and proper sealing of building wires



Multiple conduit twist-out for secure back casing.

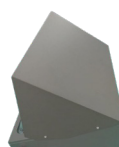


Integrated bubble level provided for faster and more convenient installation

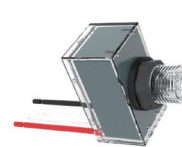
Accessories



E4WPA-WG-A
Wireguard



E4WPA-GS-A
Glare shield



E1ACC-PC-DC
DC Photocell

Load Information

Input Voltage	120-277 Vac	
Power Factor	>0.9	
THD	<20%	
Low Temp Start	-40°C (40°F)	
Max Temp	45°C (113°F)	
Unit Weight	35W	9.5 lbs
	50W	9.5 lbs
	75W	9.5 lbs
	100W	9.5 lbs
	120W	10 lbs

Shipping Information

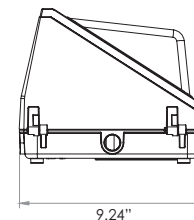
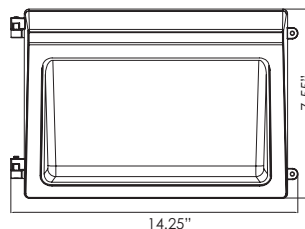
Item	Weight	Box Qty.
35W	9.5 lbs	1 per case
50W	9.5 lbs	1 per case
75W	9.5 lbs	1 per case
100W	9.5 lbs	1 per case
120W	10 lbs	1 per case

Lumen Maintenance

Housing Type	Ambient Temperature	TM-21 Lumen Maintenance (50,000 hours)	Theoretical L70 (hours)
35W	30°C	>89%	50,000
50W	30°C	>89%	50,000
75W	30°C	>89%	50,000
100W	30°C	>89%	50,000
120W	30°C	>89%	50,000

Dimensions

E4WPA35D-83050
E4WPA50D-83050
E4WPA100D-83050
E4WPA4575D-83050
E4WPA75120D-83050



Model Ordering Number

Series Prefix	Wattage	Dimming	CRI	CCT
E4WPA	100	D	8	3050
E4WPA Energetic LED Round Flush Mount CCT-Selectable	35 35W 50 50W 4575 45, 65, or 75W 100 100W 75120 75, 100, or 120W	D 0-10V Dimmable (default)	8 80 CRI	3050 3000K, 4000K, or 5000K

Ordering Examples:

1. For E4WPA 35W Selectable CCT 100-277V	Model#: E4WPA35D-83050
2. For E4WPA 35W Selectable CCT 100-277V + DC Photocell + Glareshield + Wire Guard	Model#: E4WPA35D-83050
	DC-Photocell E1ACC-PC-DC
	Glareshield E4WPA-GS-A
	Wire Guard E4WPA-WG-A

STOCK ORDER INFORMATION

Fixture Housing 100-277V

Fixture Housing	Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
	E4WPA35D-83050	70095	4900LM	35W	135	3000K, 4000K, & 5000K CCT	80	120-277V	0-10V	DLC-5.1P (For 4000k & 5000k Only)	TBA
	E4WPA50D-83050	70096	7000LM	50W	135		80	120-277V	0-10V		TBA
	E4WPA100D-83050	70097	14000LM	100W	135		80	120-277V	0-10V		TBA
	E4WPA4575D-83050	70098	6000LM	45W	135		80	120-277V	0-10V		TBA
			8800LM	65W							
10500LM			75W								
E4WPA75120D-83050	70099	10500LM	75W	135	80	120-277V	0-10V	TBA			
		14000LM	100W								
		16800LM	120W								

Optional Accessories

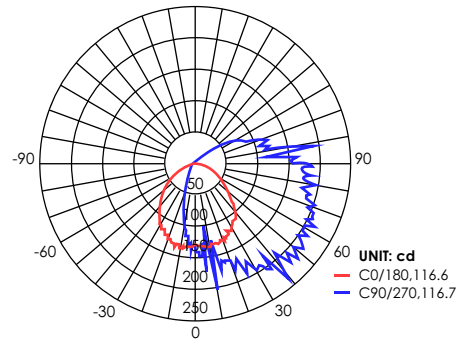
Accessories	Model Number	Order #	Description
	E31ACC-PC-DC	98025	DC Photocell
	E4WPA-WG-A	70104	Wireguard
	E4WPA-GS-A	70106	Glareshield
	MTO-CLR-WP	99571	Powdercoating Fixture for custom color (Use RAL code for desired for fixture color)

PHOTOMETRIC DATA

Model: E4WPA4575D-83050
 Test Report: E4WPA4575D-83050.ies
 CCT: 5000
 Lamp Type: LED
 Lumens: 10400 LM
 Input Watts: 75W
 Efficacy: 135 LM/W

Lumen Intensity Graph:

E4WPA4575D-83050



AVERAGE BEAM ANGLE (50%) : 117 DEG



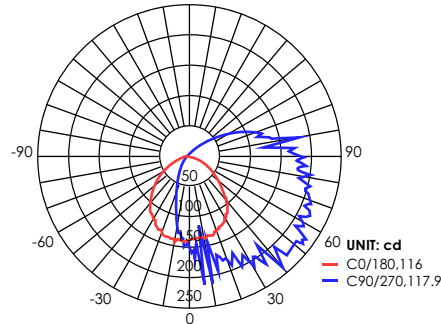
3 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 9 ft.
6 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 11.1 ft.
10 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 11.6 ft.
13 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 18 ft.
16 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 21.1 ft.
20 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 25.9 ft.

PHOTOMETRIC DATA

Model: E4WPA75120D-83050
 Test Report: E4WPA75120D-83050.ies
 CCT: 5000
 Lamp Type: LED
 Lumens: 16448 LM
 Input Watts: 120 W
 Efficacy: 135 LM/W

Lumen Intensity Graph:

E4WPA75120D-83050



AVERAGE BEAM ANGLE (50%) : 116.6 DEG



3 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 11.5 ft.
6 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 23 ft.
10 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 34 ft.
13 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 46 ft.
16 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 57 ft.
20 ft	00 fc MAX	Iso-fc Avg: 00 fc	Diameter: 69 ft.



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50,000 System Lifetime • 10 Year Limited Warranty

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