LED TRADITIONAL WALLPACK

WLP01 series



DESIGN: LED TRADITIONAL WALLPACK has a die-cast aluminum housing with excellent heat dissipation, tempered glass lens to protect the LED chips and provide high illuminance, and anti-leakage silicone gaskets. With 6kV surge protection, it is designed to operate on 120-277V circuits with a 0-10V dimmable driver.

VARIETY: The fixture is designed to operate with single power or with power adjustable option.

PHOTOCELL: The built-in Dusk to Dawn Photocell will automatically activate/ deactivate the fixture depending on the time of day. The photocell can be disabled with on-off switch.

COLOR SELECTABLE: You can choose between 3,000 K warm white, 4,000 K cool white, and 5,000 K daylight white color temperatures.

INSTALLATION: The fixture can be mounted to a junction box or directly to a wall. Perfect commercial or industrial solution for outdoor security lighting, wall perimeter lighting, garages, large backyards, warehouses, hotels, and many other applications. It is also Wet location rated.

ADVANTAGES: With calculated lifespan up to 145 000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!

OPTIONS:

MODELS WITH BATTERY BACK-UP: The led security wallpack model with built-in battery back-up provides 90 minutes of power in the case of an emergency.

White Bronze

FINISH

Photocell

Battery Back-up

Wet location

PRODUCT PRESENTATION

MODEL	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	PRE-INSTALLED	CERTIFICATION
WLP01-PC WITH PHOTOCELL									
ASD-WLP01-50D50-PC	50W	120-277V	0-10V	7,692lm	5,000 K	Bronze	14" x 9" x 7-1/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP01-80D50-PC	80W	120-277V	0-10V	11,973lm	5,000 K	Bronze	14" x 9" x 7-1/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP01-50A-PC	30/40/50W	120-277V	0-10V	7,889lm	3,000/4,000/5,000 K	Bronze	14" x 9" x 7-1/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP01-80A-PC	50/60/80W	120-277V	0-10V	12,213lm	3,000/4,000/5,000 K	Bronze	14" x 9" x 7-1/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP01-120A-PC-WH	80/100/120W	120-277V	0-10V	17,571lm	3,000/4,000/5,000 K	White	14" x 8-15/16" x 7-1/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP01-120A-PC	80/100/120W	120-277V	0-10V	17,571lm	3,000/4,000/5,000 K	Bronze	14" x 9" x 7-1/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP01-150A-PC	100/120/150W	120-277V	0-10V	21,262lm	3,000/4,000/5,000 K	Bronze	17-1/2" x 9-13/16" x 8-1/16"	Photocell	UL(E473804), DLC Premium
WLP01-PC-EM WITH BATTERY BACK-UP AND PHOTOCELL									
ASD-WLP01-50A-PC-8EM	30/40/50W	120-277V	0-10V	7,889lm	3,000/4,000/5,000 K	Bronze	14" x 9" x 7-3/16"	8W Battery Back-up, Photocell	UL(E473804), DLC Premium
ASD-WLP01-80A-PC-15EM	50/60/80W	120-277V	0-10V	12,213lm	3,000/4,000/5,000 K	Bronze	14" x 9" x 7-3/16"	15W Battery Back-up, Photocell	UL(E473804), DLC Premium
ASD-WLP01-120A-PC-25EM	80/100/120W	120-277V	0-10V	17,571lm	3,000/4,000/5,000 K	Bronze	14" x 9" x 7-3/16"	25W Battery Back-up, Photocell	UL(E473804), DLC Premium

For detailed luminous flux information please refer to Annex 1, page 2.

TECHNICAL PARMETERS

MODEL	MAX INPUT CURRENT	INRUSH CURRENT	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	BEAM ANGLE	SURGE PROTECTION	HOUSING	LENS	CRI
WLP01-PC WITH PHOTOCELL										
ASD-WLP01-50D50-PC	0.416A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-80D50-PC	0.667A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-50A-PC	0.416A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-80A-PC	0.667A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-120A-PC-WH	1A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-120A-PC	1A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-150A-PC	1.39A	80A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	110°	6kV	Aluminum	Glass	>80
WLP01-PC-EM WITH BATTERY BACK-UP AND PHOTOCELL										
ASD-WLP01-50A-PC-8EM	0.46A	80A	Wet location	32°F to 122°F(0°C to 50°C)	>0.9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-80A-PC-15EM	0.74A	80A	Wet location	32°F to 122°F(0°C to 50°C)	>0.9	110°	6kV	Aluminum	Glass	>80
ASD-WLP01-120A-PC-25EM	1.10A	80A	Wet location	32°F to 122°F(0°C to 50°C)	>0.9	110°	6kV	Aluminum	Glass	>80

DIMMING COMPATIBLE CONTROLS

BRAND	LEVITON	LUTRON		LEGRAND
Models	DS710	DVSTV	DVTV-WH	H4FBL3PW

ORDERING INFORMATION

MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC
WLP01-PC WITH PHOTOCELL						
ASD-WLP01-50D50-PC	14" x 9" x 7-1/8"	7.2 lbs(3.3kg)	1	14.57" x 10.04" x 8.27"	8.5 lbs	81012811560
ASD-WLP01-80D50-PC	14" x 9" x 7-1/8"	7.2 lbs(3.3kg)	1	14.57" x 10.04" x 8.27"	8.5 lbs	81920102243
ASD-WLP01-50A-PC	14" x 9" x 7-1/8"	7.2 lbs(3.3kg)	1	14.57" x 10.04" x 8.27"	8.5 lbs	81012811557
ASD-WLP01-80A-PC	14" x 9" x 7-1/8"	7.2 lbs(3.3kg)	1	14.57" x 10.04" x 8.27"	8.5 lbs	81012811558
ASD-WLP01-120A-PC-WH	14" x 8-15/16" x 7-1/8"	7.4 lbs(3.4kg)	1	14.57" x 10.04" x 8.27"	8.7 lbs	81019020490
ASD-WLP01-120A-PC	14" x 9" x 7-1/8"	7.4 lbs(3.4kg)	1	14.57" x 10.04" x 8.27"	8.7 lbs	81012811559
ASD-WLP01-150A-PC	17-1/2" x 9-13/16" x 8-1/16"	9.5 lbs(4.3kg)	1	18.82" x 10.83" x 9.21"	11.9 lbs	81019020128
WLP01-PC-EM WITH BATTERY BACK-UP AND PHOTOCELL						
ASD-WLP01-50A-PC-8EM	14" x 9" x 7-3/16"	9.5 lbs(4.3kg)	1	14.57" x 10.04" x 8.27"	10.8 lbs	81019020129
ASD-WLP01-80A-PC-15EM	14" x 9" x 7-3/16"	9.5 lbs(4.3kg)	1	14.57" x 10.04" x 8.27"	10.8 lbs	81019020130
ASD-WLP01-120A-PC-25EM	14" x 9" x 7-3/16"	9.5 lbs(4.3kg)	1	14.57" x 10.04" x 8.27"	10.8 lbs	81019020081

BUILT-IN BATTERY BACK-UP INFORMATION

SPECIFICATIONS	ASD-WLP01-50DAC-EM	ASD-WLP01-80DAC-EM	ASD-WLP01-50A-PC-8EM	ASD-WLP01-80A-PC-15EM	ASD-WLP01-120A-PC-25EM
Input voltage	100-277 v 50/60 hz				
Battery capacity	2,500mA * 4V	3,000mA * 6V	3,200mAh * 6.4V	3,000mA * 12.8V	4,800mAh* 12.8V
Max emergency output power	8W	15W	8W	15W	25W
EM lumens	1,246 lm	2,301 lm	1,506 lm	2,7023 lm	4,480 lm
Emergency current	70 mA	125 mA	38 mA	73 mA	126 mA
Emergency operation time	≥ 90 minutes				
Battery voltage	7.4 V	11.1 V	211 V	204 V	201 V
Battery type	Li-ion		LiFePO4 battery		
Battery charging current	250 mA		80 mA	100 mA	100 mA
Charging time	≥ 24 hours				
Indicator light	Illuminated test switch, indicator light				
Full charge/discharge cycles	500 cycles		300 cycles	500 cycles	300 cycles

STANDARD OPERATION DISPLAY STATUS:

Indicator light modes:

Green light ON - The battery back-up is charging in standby mode;

Green light OFF - AC power is out, the battery back-up is working in emergency mode.

Test button operation:

Press the test button to switch the system to back-up mode. The green light will turn off, and the fixture will decrease in light amount. Release test button to go back to the normal mode.

BUTTON	REMARKS
ON	Charging mode, Battery is fully charged, AC power is ON
OFF	Emergency mode, Battery is discharging, AC power is OFF



ANNEX 1

MODEL	WATTS	3,000K	4,000K	5,000K
ASD-WLP01-50D50-PC	50W	-	-	7,692 lm
ASD-WLP01-80D50-PC	80W	-	-	11,973 lm
ASD-WLP01-50A-PC	30W	4,690 lm	4,884 lm	5,007 lm
	40W	6,169 lm	6,483 lm	6,546 lm
	50W	7,452 lm	7,882 lm	7,889 lm
ASD-WLP01-80A-PC	50W	7,621 lm	8,019 lm	8,146 lm
	60W	8,990 lm	9,521 lm	9,539 lm
	80W	11,514 lm	12,423 lm	12,213 lm
ASD-WLP01-120A-PC-WH	80W	11,792 lm	12,435 lm	12,389 lm
	100W	14,474 lm	15,359 lm	15,104 lm
	120W	16,358 lm	17,380 lm	17,048 lm
ASD-WLP01-120A-PC	80W	12,681 lm	13,325 lm	13,177 lm
	100W	15,576 lm	16,420 lm	16,054 lm
	120W	17,113 lm	17,571 lm	18,248 lm
ASD-WLP01-150A-PC	100W	14,573 lm	15,448 lm	15,591 lm
	120W	16,902 lm	17,965 lm	17,822 lm
	150W	20,206 lm	21,520 lm	21,262 lm
ASD-WLP01-50A-PC-8EM	30W	4,690 lm	4,884 lm	5,007 lm
	40W	6,169 lm	6,483 lm	6,546 lm
	50W	7,452 lm	7,882 lm	7,889 lm
ASD-WLP01-80A-PC-15EM	50W	7,621 lm	8,019 lm	8,146 lm
	60W	8,990 lm	9,521 lm	9,539 lm
	80W	11,514 lm	12,423 lm	12,213 lm
ASD-WLP01-120A-PC-25EM	80W	12,681 lm	13,325 lm	13,177 lm
	100W	15,576 lm	16,420 lm	16,054 lm
	120W	17,113 lm	18,248 lm	17,571 lm

BUILT-IN PHOTOCELL INFORMATION

SPECIFICATIONS	
Light level to turn ON	≤ 80 lux (7.4 fc)
Light level to turn OFF	≥ 150 lux (13.9 fc)
Operating temperature	-4°F to 140°F (-20°C to 60°C)

The dusk-to-dawn sensor automatically turns the fixture off during daylight hours.

MODEL	BUG RATING
ASD-WLP01-50A-PC	B1-U4-G4
ASD-WLP01-50D50-PC	
ASD-WLP01-80D50	B3-U4-G4
ASD-WLP01-120D50	B3-U5-G5
ASD-WLP01-120DAC	
ASD-WLP01-120A-PC-WH	
ASD-WLP01-120A-PC	
ASD-WLP01-80D50-PC	B2-U5-G5
ASD-WLP01-80A-PC	

INSTALLATION GUIDE

Please read all the instructions below before installation!

IMPORTANT SAFETY INFORMATION

- Make sure that the supply voltage corresponds to the rated product voltage.
- The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury: read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

PACKAGE CONTENTS

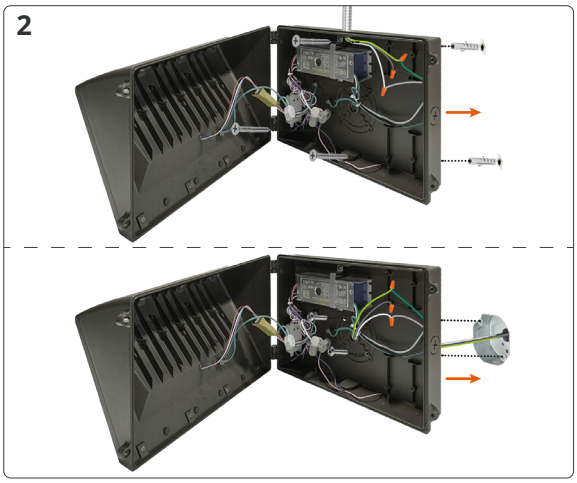
DESCRIPTION	QUANTITY
LED Traditional Wallpack	1
Box	1

INSTALLATION STEPS

1



2



3



1. Use a screwdriver to loosen the screws securing the front cover and open the fixture. Remove the knockout on the side of the fixture. Choose needed color temperature and power, and toggle the photocell on/off by adjusting the switch (for models with installed photocell).

* Power and OFF ON Photocell options vary by model.

2. **Wall installation:** Secure the fixture on the wall and remove one of the caps, insert the power cord. Connect the wires: Black to Black, White to White, Green to Green (Purple to Purple, Pink to Pink if dimming is needed).

   Junction box installation: Drill the mounting holes and secure the fixture on the mounting surface, insert the power cord. Connect the wires: Black to Black, White to White, Green to Green (Purple to Purple, Pink to Pink if dimming is needed).

3. Close the front cover and tighten the screws.