LED ADJUSTABLE CUTOFF WALLPACK



DESIGN: LED ADJUSTABLE CUTOFF WALLPACK has a die-cast aluminum housing with excellent heat dissipation and an anti-glare PC lens for even light distribution. The 0–90° adjustable head and cutoff design allow you to control the direction and distribution of light. It delivers up to 150 lumens per watt, providing powerful illumination while helping reduce energy consumption and operating costs. It is equipped with a removable hinged door for quick and easy installation and wiring. It is designed to operate on 120–277V circuits with 0–10V dimming.

VARIETY: The fixture is available with single-wattage or wattage-selectable options, as well as models with built-in battery backup for emergency lighting.

COLOR SELECTABLE: Choose between 3000K, 4000K, and 5000K during installation to match the lighting requirements and appearance of each application.

INSTALLATION: The fixture can be mounted to a junction box or directly to a wall. It is an ideal commercial or industrial solution for outdoor building facades, patios, porches, driveways, walkways, decks, parking garages, and many other applications. It is also rated for Wet location.

ADVANTAGES: With a calculated lifespan of up to 143,000 hours, these fixtures are made to last for decades under normal operation. ASD provides a 5-year limited warranty, and the fixture is UL Listed, UL 924 Listed, and DLC Premium qualified.

OPTIONS:

MODELS WITH BATTERY BACK-UP: The built-in battery backup provides 90 minutes of power in the case of an emergency.

MODELS WITH PHOTOCELL: The built-in dusk-to-dawn photocell automatically controls the fixture based on ambient light and can be disabled with the ON/OFF switch. During emergency operation, the photocell is automatically bypassed.

PRODUCT PRESENTATION

MODEL	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	PRE-INSTALLED	CERTIFICATION
WLP02A-PC WITH PHOTOCELL									
ASD-WLP02A-12DAC-PC-BK	12W	120-277V	0-10V	1,686lm	3,000/4,000/5,000 K	Black	5-7/8" x 5-1/16" x 3-9/16"	Photocell	UL(E473804), DLC Standard
ASD-WLP02A-30DAC-PC-BK	30W	120-277V	0-10V	4,058lm	3,000/4,000/5,000 K	Black	9-1/8" x 7-5/8" x 4-5/8"	Photocell	UL(E473804), DLC Standard
ASD-WLP02A-50DAC-PC-BK	50W	120-277V	0-10V	7,047lm	3,000/4,000/5,000 K	Black	9-1/8" x 7-5/8" x 4-5/8"	Photocell	UL(E473804), DLC Standard
ASD-WLP02A-80DAC-PC-BK	40/50/60/80W	120-277V	0-10V	12,127lm	3,000/4,000/5,000 K	Black	7-11/16" x 5-13/16" x 8-3/8"	Photocell	UL(E473804), DLC Premium
ASD-WLP02A-120DAC-PC-BK	60/90/100/120W	120-277V	0-10V	17,381lm	3,000/4,000/5,000 K	Black	9-3/4" x 5-13/16" x 10-1/16"	Photocell	UL(E473804), DLC Premium
WLP02A-PC-EM WITH BATTERY BACK-UP AND PHOTOCELL									
ASD-WLP02A-120DAC-PC-8EM-BK	60/90/100/120W	120-277V	0-10V	17,381lm	3,000/4,000/5,000 K	Black	9-3/4" x 5-13/16" x 10-1/16"	Battery Back-up, Photocell	UL(E473804),DLC Premium

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

TECHNICAL PARAMETERS

MODEL	MAX INPUT CURRENT	INRUSH CURRENT	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	BEAM ANGLE	SURGE PROTECTION	HOUSING	LENS	CRI
WLP02A-PC WITH PHOTOCELL										
ASD-WLP02A-12DAC-PC-BK	0.2A	0A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	90°*50°	6kV	Aluminum	PC	>70
ASD-WLP02A-30DAC-PC-BK	0.4A	1A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	90°*50°	6kV	Aluminum	PC	>70
ASD-WLP02A-50DAC-PC-BK	0.6A	1A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	90°*50°	6kV	Aluminum	PC	>70
ASD-WLP02A-80DAC-PC-BK	0.73A	96A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	97°	6kV	Aluminum	PC	>80
ASD-WLP02A-120DAC-PC-BK	1.1A	60A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	97°	6kV	Aluminum	PC	>80
WLP02A-PC-EM WITH BATTERY BACK-UP AND PHOTOCELL										
ASD-WLP02A-120DAC-PC-8EM-BK	1.1A	60A	Wet location	-40°F to 122°F(-40°C to 50°C)	>0,9	97°	6kV	Aluminum	PC	>80

DIMMING COMPATIBLE CONTROLS

BRAND	LEVITON	LUTRON	
Models	IP710-LFZ	NTSTV	DVSTV

ORDERING INFORMATION

MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC	GTIN 14
WLP02A-PC WITH PHOTOCELL							
ASD-WLP02A-12DAC-PC-BK	5-7/8" x 5-1/16" x 3-9/16"	1.9 lbs(0.9kg)	12	15.35" x 13.23" x 14.96"	25.7 lbs	81012811056	10810128110560
ASD-WLP02A-30DAC-PC-BK	9-1/8" x 7-5/8" x 4-5/8"	4.3 lbs(2.0kg)	6	18.43" x 17.91" x 10.94"	28.3 lbs	81012811027	10810128110270
ASD-WLP02A-50DAC-PC-BK	9-1/8" x 7-5/8" x 4-5/8"	4.7 lbs(2.1kg)	6	18.43" x 17.91" x 10.94"	30.6 lbs	81012811028	10810128110287
ASD-WLP02A-80DAC-PC-BK	7-11/16" x 5-13/16" x 8-3/8"	4.0 lbs(1.8kg)	4	18.27" x 10.31" x 15.63"	20.8 lbs	81019020613	10810190206130
ASD-WLP02A-120DAC-PC-BK	9-3/4" x 5-13/16" x 10-1/16"	5.8 lbs(2.6kg)	4	22.52" x 11.89" x 15.55"	30.0 lbs	81019020612	10810190206123
WLP02A-PC-EM WITH BATTERY BACK-UP AND PHOTOCELL							
ASD-WLP02A-120DAC-PC-8EM-BK	9-3/4" x 5-13/16" x 10-1/16"	7.3 lbs(3.3kg)	4	22.52" x 11.89" x 15.55"	37.2 lbs	81019020611	10810190206116

BUILT-IN BATTERY BACK-UP INFORMATION

SPECIFICATIONS	ASD-WLP02A-120DAC-PC-8EM-BK
Input voltage	100-347 Vac 50/60 Hz
Battery capacity	4000mAh
Max emergency output power	8W
EM lumens	3000K: 1420lm, 4000K: 1391lm, 5000K: 1480lm
Emergency current	350mA
Emergency operation time	≥ 90minutes
Battery voltage	6.4V
Battery type	LiFeP04
Battery charging current	≤350mA
Charging time	24 Hours
Indicator light	Includes 2-in 1 test switch and charge indicator light.
Full charge/discharge cycles	2000 cycles

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



1. Red Indicator Light is ON: Battery back-up is recharging.

2. Green Indicator Light is ON: Battery back-up is fully charged.

3. Indicator Light is OFF: Battery back-up is operating in Emergency mode (discharging).

4. Green Indicator Light is flashing: Battery back-up is performing a self-test.

5. Red Indicator Light is flashing: An error has been detected. Please check the battery back-up system.

BUILT-IN PHOTOCELL INFORMATION

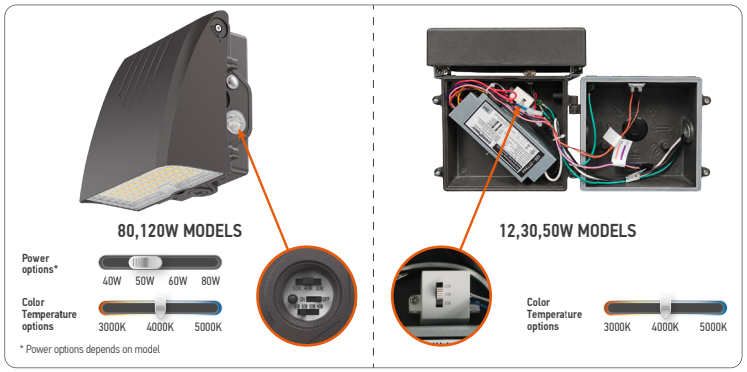
SPECIFICATIONS		FOR ASD-WLP02A-50DAC-PC-BK
Light level to turn ON	≤ 30 lux (2.8 fc)	≤ 20 lux (1.9 fc)
Light level to turn OFF	≥ 60 lux (5.6 fc)	≥ 70 lux (6.5 fc)
Operating temperature	-4°F to 140°F (-20°C to 60°C)	

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

ANNEX 1

MODEL	WATTS	3,000K	4,000K	5,000K
ASD-WLP02A-12DAC-PC-BK	12W	1,500 lm	1,686 lm	1,574 lm
ASD-WLP02A-30DAC-PC-BK	30W	3,750 lm	4,058 lm	3,772 lm
ASD-WLP02A-50DAC-PC-BK	50W	6,110 lm	6,489 lm	6,497 lm
ASD-WLP02A-80DAC-PC-BK	40W	7,592 lm	8,103 lm	8,050 lm
	50W	8,911 lm	9,634 lm	9,458 lm
	60W	10,976 lm	12,110 lm	12,127 lm
	80W	10,976 lm	12,110 lm	12,127 lm
ASD-WLP02A-120DAC-PC-BK ASD-WLP02A-120DAC-PC-8EM-BK	60W	9,336 lm	9,931 lm	9,768 lm
	90W	13,048 lm	13,950 lm	13,698 lm
	100W	14,100 lm	15,204 lm	14,769 lm
	120W	15,972 lm	17,497 lm	17,381 lm

POWER AND COLOR TEMPERATURE SETTINGS



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.

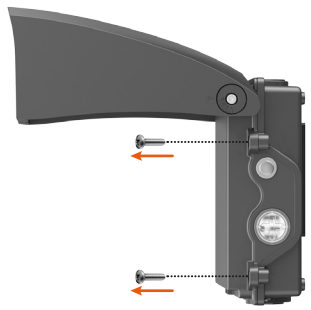
ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

PACKAGE CONTENTS

DESCRIPTION	QUANTITY
LED Adjustable Cutoff Wallpack	1
Box	1

INSTALLATION STEPS

1



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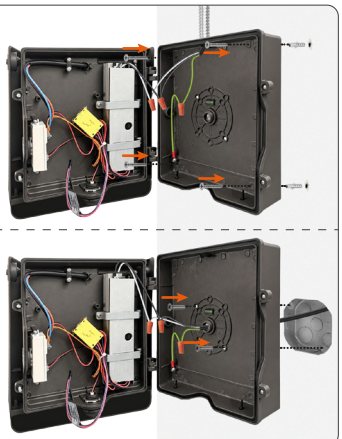

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1. Loosen the screws with a hex screwdriver, then adjust the fixture to 90°. Next, loosen the two screws on the back cover. Open the fixture to the side.

2. Attach the fixture to the junction box or mounting surface. Insert the power cord through the rear cable entry or through the conduit into the fixture. Connect the wires: Green to Green, Black to Black, and White to White.

3. Close the front housing and tighten the two screws. Adjust the beam angle to the desired position from 0° to 90°. Remove the two drain hole plugs to prevent internal water accumulation. Choose the desired color temperature and power, and turn the photocell on or off using the switch.