LED WRAP FIXTURE

WRL6 series



DESIGN: LED WRAP FIXTURE features a durable, commercial-grade housing that is resistant to rust and impact, along with an anti-glare PMMA lens to ensure many years of reliable use. It is designed to operate on 120–277V circuits and is 0–10V dimmable for enhanced lighting control and energy efficiency.

FLIPPABLE END CAPS: allow for quick installation and convenient access to color and power selection switches.

COLOR AND POWER SELECTABLE: You can choose either a 3000K warm white, 3500K neutral white, 4000K cool white, 5000K daylight, or 6500K cool daylight color temperature, and change the power with a simple switch.

SURGE PROTECTION: 6kV protects the fixture from voltage spikes and current surges.

APPLICATION: Perfect commercial or industrial solution for office buildings, schools, hospitals, hallways, stairwells, workshops, and many other applications. It is also Damp location rated.

ADVANTAGES: With calculated lifespan up to 190 000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Standard certifications to guarantee top quality products and safety!

White

FINISH

Motion Sensor

Battery Back-up

Damp location

WRL6



WRL6-EM with BATTERY BACK-UP



WRL6-MS with MOTION SENSOR



WRL6-MS-EM with MOTION SENSOR and BATTERY BACK-UP



PRODUCT PRESENTATION

MODEL	SIZE	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	PRE-INSTALLED	CERTIFICATION
WRL6										
ASD-WRL6-4A46	4ft	24/31/38/46W	120-277V	0-10V	3,479/4,348/5,178/5,977lm	3,000/3,500/4,000/5,000/6,500 K	White	47-5/8" x 5-1/2" x 2-7/16"	-	UL(E473804), DLC Standard
ASD-WRL6-4A65	4ft	38/44/52/65W	120-277V	0-10V	5,224/6,072/6,954/8,156 lm	3,000/3,500/4,000/5,000/6,500 K	White	47-5/8" x 5-1/2" x 2-7/16"	-	UL(E473804), DLC Standard
WRL6-EM WITH BATTERY BACK-UP										
ASD-WRL6-4A46-8EM	4ft	24/31/38/46W	120-277V	0-10V	3,479/4,348/5,178/5,977lm	3,000/3,500/4,000/5,000/6,500 K	White	47-5/8" x 5-1/2" x 2-7/16"	8W Battery Back-up	UL(E473804), DLC Standard
WRL6-MS WITH MOTION SENSOR										
ASD-WRL6-4A46-MS	4ft	24/31/38/46W	120-277V	0-10V	3,479/4,348/5,178/5,977lm	3,000/3,500/4,000/5,000/6,500 K	White	47-5/8" x 5-1/2" x 2-7/16"	Motion sensor	UL(E473804), DLC Standard
WRL6-MS-EM WITH MOTION SENSOR AND BATTERY BACK-UP										
ASD-WRL6-4A46-MS-8EM	4ft	24/31/38/46W	120-277V	0-10V	3,479/4,348/5,178/5,977lm	3,000/3,500/4,000/5,000/6,500 K	White	47-5/8" x 5-1/2" x 2-7/16"	8W Battery Back-up, Motion sensor	UL(E473804), DLC Standard

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
WRL6										
ASD-WRL6-4A46	0.44A	75A	Damp location	-4°F to 122°F(-20°C to 50°C)	>0,9	120°	2kV	Steel	PC	>80
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WRL6-EM WITH BATTERY BACK-UP										
ASD-WRL6-4A46-8EM	0.44A	75A	Damp location	50°F to 113°F(10°C to 45°C)	>0,9	120°	2kV	Steel	PC	>80
WRL6-MS WITH MOTION SENSOR										
ASD-WRL6-4A46-MS	0.44A	75A	Damp location	-4°F to 122°F(-20°C to 50°C)	>0,9	120°	2kV	Steel	PC	>80
WRL6-MS-EM WITH MOTION SENSOR AND BATTERY BACK-UP										
ASD-WRL6-4A46-MS-8EM	0.44A	75A	Damp location	50°F to 113°F(10°C to 45°C)	>0,9	120°	2kV	Steel	PC	>80

DIMMING COMPATIBLE CONTROLS

BRAND	LUTRON			LEVITON		LEGRAND
Models	NTSTV-DV	NFTV	DVSTV	IP710	DS710	RH4FBL3PW

ORDERING INFORMATION

MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC	GTIN 14
WRL6							
ASD-WRL6-4A46	47-5/8" x 5-1/2" x 2-7/16"	3.5 lbs(1.6kg)	4	49.17" x 10.63" x 6.30"	14.1 lbs	81019020419	10810190204198
ASD-WRL6-4A65	47-5/8" x 5-1/2" x 2-7/16"	3.5 lbs(1.6kg)	4	49.17" x 10.63" x 6.30"	14.1 lbs	81019020419	10810190205843
WRL6-EM WITH BATTERY BACK-UP							
ASD-WRL6-4A46-8EM	47-5/8" x 5-1/2" x 2-7/16"	3.7 lbs(1.7kg)	4	49.17" x 10.63" x 6.30"	14.8 lbs	81019020422	10810190204228
WRL6-MS WITH MOTION SENSOR							
ASD-WRL6-4A46-MS	47-5/8" x 5-1/2" x 2-7/16"	3.5 lbs(1.6kg)	4	49.17" x 10.63" x 6.30"	14.2 lbs	81019020421	10810190204211
WRL6-MS-EM WITH MOTION SENSOR AND BATTERY BACK-UP							
ASD-WRL6-4A46-MS-8EM	47-5/8" x 5-1/2" x 2-7/16"	3.7 lbs(1.7kg)	4	49.17" x 10.63" x 6.30"	14.9 lbs	81019020420	10810190204204

ANNEX 1

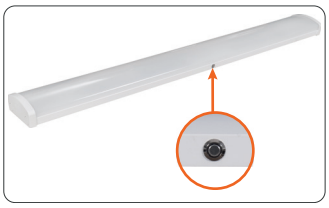
MODEL	WATTS	3,000 K	3,500 K	4,000 K	5,000 K	6,500 K
ASD-WRL6-4A46	24W	3,317 lm	3,386 lm	3,447 lm	3,479 lm	3,460 lm
	31W	4,108 lm	4,216 lm	4,306 lm	4,348 lm	4,287 lm
	38W	4,865 lm	5,010 lm	5,124 lm	5,178 lm	5,068 lm
	46W	5,608 lm	5,796 lm	5,941 lm	5,977 lm	5,836 lm
ASD-WRL6-4A65	38W	5,016 lm	5,106 lm	5,183 lm	5,224 lm	5,174 lm
	44W	5,797 lm	5,941 lm	6,027 lm	6,072 lm	5,987 lm
	52W	6,566 lm	6,823 lm	6,909 lm	6,954 lm	6,826 lm
	65W	7,740 lm	8,077 lm	8,109 lm	8,156 lm	7,968 lm
ASD-WRL6-4A46-8EM	24W	3,317 lm	3,386 lm	3,447 lm	3,479 lm	3,460 lm
	31W	4,108 lm	4,216 lm	4,306 lm	4,348 lm	4,287 lm
	38W	4,865 lm	5,010 lm	5,124 lm	5,178 lm	5,068 lm
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	38W	4,865 lm	5,010 lm	5,124 lm	5,178 lm	5,068 lm
	46W	5,608 lm	5,796 lm	5,941 lm	5,977 lm	5,836 lm

BUILT-IN BATTERY BACK-UP INFORMATION

SPECIFICATIONS	ASD-WRL6-4A46-8EM, ASD-WRL6-4A46-MS-8EM
Input voltage	100-347 Vac 50/60 Hz
Battery capacity	3300mAh
Max emergency output power	8W
EM lumens	1,300lm
Emergency current	215mA
Emergency operation time	≥ 90minutes
Battery voltage	7.2V
Battery type	Lithium
Battery charging current	250 mA MAX
Charging time	≥ 24 Hours
Indicator light	Illuminated test switch, indicator light
Full charge/discharge cycles	500 cycles

BUTTON	REMARKS
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.

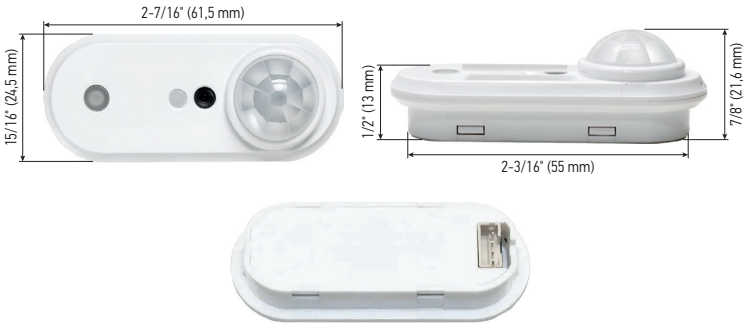
2. Green Indicator Light is ON: Battery back-up is fully charged.

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 MOTION SENSOR INFORMATION



SPECIFICATIONS	MODEL: ANT-15P
Power supply	10-14 Vdc, >50 mA
Dim control output	0-10 V, max 25 mA sinking current
Detection angle	360°
Mounting height	max 12 ft (4 m)
Detection radius	6.56 ft-13.12 ft (2 m - 4 m)
Humidity	max 95% RH
Temperature	- 68°F ~ 140°F (-20°C ~ 60°C)

DEFAULT SETTING

DETECTION AREA	HOLD TIME	DAYLIGHT SENSOR	STAND-BY PERIOD	STAND-BY DIM LEVEL
100 %	5 min	Disable	60 min	30 %

Note: Use the RC-100 Mode (TYPE button) on the ASD-RC100LCD remote control to change the motion sensor settings.

REMOTE CONTROL ASD-RC100LCD sold separately



ON/OFF
turn on / turn off

SCENES
Shows current settings saved in remote

APPLY
Applies current scene settings to the fixture

DETECTION RANGE
Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the +/- buttons to adjust

HOLD TIME
The period that light will stay illuminated 100 % after no motion is detected. Use this button and the +/- buttons to adjust

CCT SELECTABLE
Not applicable to this product

TYPE
Press this button to choode different remotes: ASD-RC-RC100, ASD-RC-RC200, ASD-06RC

AUTO
Enter "sensor mode" and perform previous settings

START
Press this to begin scene setup

MOUNTING HEIGHT
Adjust detection area/sensitivity levels according to real installation situations, higher or lower

DAYLIGHT SENSOR
The preset lux level at which motion will be detected. Use this button and the +/- buttons to adjust

UP
The main functional buttons to adjust the factors to desired level. Press +/- button to dim light directly Auto in non-detection mode

DOWN
The main functional buttons to adjust the factors to desired level. Press +/- button to dim light directly Auto in non-detection mode

DAYLIGHT HARVESTING
Daylight harvesting function enabled or disabled

RESET
Enter "sensor mode" and perform the default settings

MEMORY
Saves the scene settings

SEND
Memorize and send out the previous setting of individual parameters

STAND-BY DIMMING
After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the +/- buttons to adjust

STAND-BY PERIOD
The period after holdtime, during which the light keeps standby dimming level. Use this button and the +/- buttons to adjust

POWER
Adjust brightness in both ON/OFF mode & sensor mode, minimum 10%, max 100%, each time this button is pressed it changes by 5%

TEST BUTTON
Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved

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 Wrap Fixture	1
Self-tapping screw (A)	2
Screw (B)	4
Plastic pipe (C)	4
Box	1

A



B



C



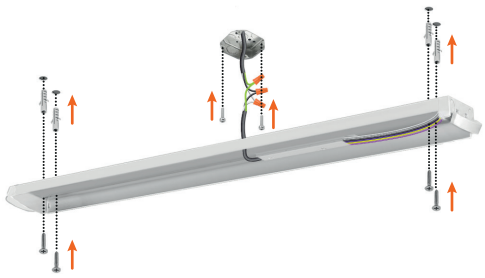
INSTALLATION STEPS

1



1. Flip both end-caps to detach the lens.

2



2. Connect the wires: Black to Black, White to White, Green to Green. Secure the fixture to the ceiling with the plastic anchors and screws.

3



3. Set the required power and color temperature. Reattach the lens.