



Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

# Advantage Wrap (AW)

## Field Selectable LED Wraparound



### OVERVIEW

Lumen Output Range (lm)	2,400-4,900
CCT (K)	3000K, 4000K, 5000K
Wattage (W)	20-42
Efficacy Range (LPW)	111-125
Fixture Weight lbs (kg)	6.5 (3.0)

### QUICK LINKS

[Ordering Guide](#)[Performance](#)[Dimensions](#)

## FEATURES & SPECIFICATIONS

### Construction

- Cold-rolled steel metal 22 gauge
- Toolless lens install to save installation time
- Diffuse polycarbonate cover lens for impact resistance
- Post-painted for high quality finish
- Operating temperature: 0°C to +40°C (32°F to 104°F)

### Optical System

- Selectable brightness to suit a wide range of applications
- Selectable CCT for maximum flexibility and space savings
- Minimum color rendering index (CRI) of 80 for visual acuity
- Diffuse cover lens provides glare-free, uniform luminance for visual comfort
- Lambertian distribution for optimal ambient light levels

### Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over-temperature protection

- Selectable power to maximize energy savings
- 0-10V dimming (10% - 100%) standard
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz
- L70 Calculated Life: >60k hours (See Lumen Maintenance on Page 5)
- Power factor: > 0.90
- Total harmonic distortion: <20%
- Optional battery backup for standby lighting (90min.) in the event of power loss

### Controls

- Optional microwave sensor for motion sensing
- Available with AirLink™ Blue. AirLink Blue (ALB) is a low-power wireless Bluetooth mesh control system. ALB provides significant energy savings with ensuring code compliance and security.
- The integrated AirLink Blue fixture controller can be used to dim the fixture based on motion or daylight levels monitored by external ALB sensors.

### Installation

- Surface, stem or suspended mounting.
- Suspension using S-hook and chain.
- See the accessory ordering table for additional information.

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.
- 1 Year warranty on optional Battery Backup. Test regularly in accordance with local codes.

### Listings

- Listed to UL 1598 and UL 8750.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for damp locations.
- DesignLights Consortium® (DLC) Premium and/or standard. Not all versions of this product may be DLC listed. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which SKUs are listed.





# Advantage Wrap (AW)

## ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **AW 4 FS1 UNV IMWS1**

Family	Length	Light Output & CCT/CRI	Voltage	Sensing & Control	Options <sup>1</sup>
AW	4	FS1 - Field Selectable 2,400 - 3,750 - 4,900 lm 3000 - 4000 - 5000K CCT	UNV - 120-277V	Blank - None IMWS1 - Integral Standalone Microwave sensor ALBC - Airlink Blue (Integral AirLink Blue controller)	Blank - None EM - Battery Backup

### Accessory Ordering Information (Accessories are field installed)

Description	Order Number
AWLENS4 - AW 4 Replacement Lens	774309
CHSIMX3 - 3" Chain with S-hook	774310
PMK - Pendant Mount Kit (3/8" IP) 24"	687400
PMK - Pendant Mount Kit (3/8" IP) 36"	681509

## PERFORMANCE

DELIVERED LUMENS*						
Lumens	3000K CCT		4000K CCT		5000K CCT	
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
FS1	4653	111	4870	116	4700	112
	3581	116	3748	121	3617	117
	2393	120	2505	125	2418	121

\*LEDs are frequently updated therefore values are nominal.

Electrical Data (Amps)*				
Wattage	120V	208V	240V	277V
20	0.17	0.10	0.08	0.07
31	0.25	0.14	0.13	0.11
42	0.35	0.20	0.18	0.15

\*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

LUMEN MAINTENANCE <sup>1</sup>					
Ambient Temp C	Initial <sup>2</sup>	25K hrs. <sup>2</sup>	50K hrs. <sup>2</sup>	75K hrs. <sup>3</sup>	100K hrs. <sup>3</sup>
0 C	101%	95%	90%	86%	81%
10 C	101%	95%	90%	86%	81%
20 C	101%	95%	90%	85%	81%
25 C	101%	95%	90%	85%	80%
30 C	101%	95%	90%	85%	80%
40 C	101%	95%	89%	84%	79%

- Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.
- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

## PRODUCT DIMENSIONS

