PROJECT INFORMATION

Project Name	Type
Catalog #	Date

VIENTO LED WALL PACK

VNTW LED

APPLICATIONS

- Building Facades
- Entry Ways
- Sidewalks
- Security Lighting
- Accent Lighting
- General Exterior Lighting

APPROVALS

- ETL listed. Complies with UL1598 and CSA C22.2#250.0.0:2008
- Suitable for Wet Locations.
- IP66 rated
- BAA Compliant
- RoHS Compliant
- Select models DLC Qualified. For a complete list of DLC Qualified products, please visit: http://www.xtralight.com/dlc or www.designlights.org/qpl
- Appropriate parts/test guidelines were performed by ATAL www.ata-labs.com

FEATURES

- Uniform light distribution, ideal for building facades, entry ways, sidewalks and general security or accent lighting.
- LED provides a significant energy savings over HID.
- Custom colors are available (consult factory).
- Designed for ease of installation.
- Operating temperature: -40°C to +50°C (-40°F to +122°F)

OPTICS

- Optical grade polymer is UV stabilized and impact resistant.
- IP66 rated LED light engines prevent dust and moisture from degrading performance.
- Distributions: Type II Short, Type II Medium, Type III Medium and Type IV Short.
- Best in class LEDs with 3000K (min 80 CRI), 4000K, and 5000K CCT (min 70 CRI).
- Lumen Maintenance: >100,000hrs L70 @ 25°C.
- Precision molded optics for superior uniformity, minimal light trespass and maximum spacing.
- Zero uplight (U0) is night sky friendly, reduces wasted light.

WARRANTY

- Backed by XtraLight's industry leading 10-year warranty.

CONSTRUCTION

- Housing: Two-piece die-cast aluminum has integral heat sink fins to optimize thermal management through conductive and convective cooling.
- Housing and back box are protected with a thermoset TGIC-polyester powder coat finish.
- The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life.
- Silicone gasket is included to prevent leakage and provide weather-tight protection.
- All fasteners are stainless steel.

ELECTRICAL

- Voltage: 120-277V 50/60Hz driver (standard);
- 48D: 347-480V 50/60Hz driver with (optional).
- Class 2 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate.
- Dimming: 0-10v dimmable driver standard.
- Passive Infrared (PIR) Photo/Motion Sensor optional.
- Emergency battery backup option (EM) is available for some models; CEM suited for cold weather, has external test button and LED indicator light to notify when the heater is on.

ORDER LOGIC

SAMPLE CATALOG NUMBER: VNTW-8000L-40K-DIM-2M-BZ

VNTW - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

MODEL	CCT	DRIVER	OPTICS	FINISH	CONTROLS & OPTIONS
3500L	**30K** 3000K	**DIM** Dimmable 120-277V	**2S** Type II Short	**WH** White	**EM** [1,2] Emergency Battery Back-Up
5500L	**40K** 4000K	**48D** Dimmable 347-480V	**2M** Type II Medium	**BZ** Bronze	**CEM** [2] Cold Weather Emergency Battery Back-Up
8000L	**50K** 5000K		**3M** Type III Medium		**FSP2** Programmable Occupancy Sensor, 8'H/40'D
11000L			**4S** Type IV Short		**FSP3** Programmable Occupancy Sensor, 20'H/40'D
					PC Photocell, Button, 120-277V
					GTD Generator Transfer Device

1. EM not available with 11000L. Maximum operating temperature with EM for 3500L (40°C/104°F), 5500L (35°C/95°F), 8000L (30°C/86°F).
2. Minimum temperature for EM (0°C/32°F).
3. Minimum temperature for CEM (-20°C/-4°F).

PROUDLY ENGINEERED & MANUFACTURED HOUSTON, TX

www.XLM.com • **(800) 678-6960** • customerservice@XLM.com

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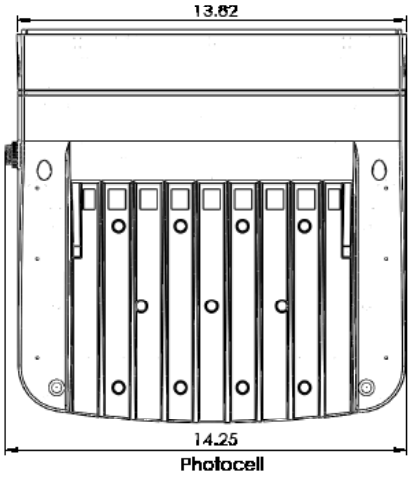
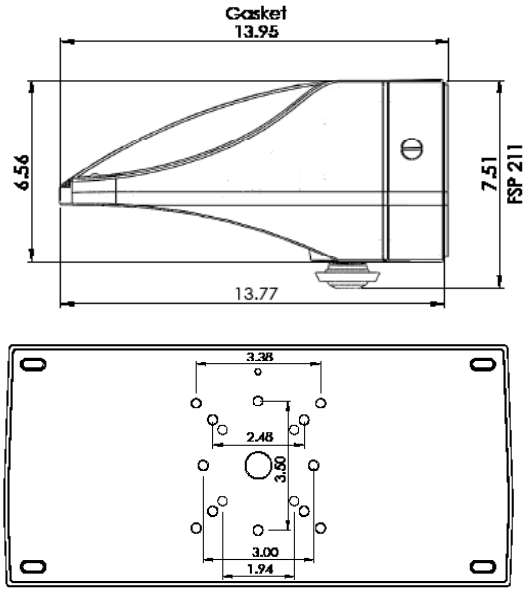
DIMENSIONAL DATA

Weights By Model

3500L - 17.3 lbs. (20.1 lbs. with EM)
5500L - 17.3 lbs.
8000L - 18.0 lbs.
11000L - 18.0 lbs.





SMART ENGINEERING DESIGN

EASY TO INSTALL

CONTEMPORARY APPEARANCE

- Make necessary holes in Back Plate gasket included with the luminaire.
- Peel adhesive and adhere gasket to back of Back Plate.
- Mount luminaire Back Plate to wall as needed using surface mounted conduit or existing junction box.
- Hang luminaire housing back on hinges.
- Connect supply wires to quick disconnect provided.
- Swing luminaire up and close up.
- Replace housing screws and power on.

For more detailed installation instructions, please visit www.xtralight.com and download the PDF from our VNTW product page.

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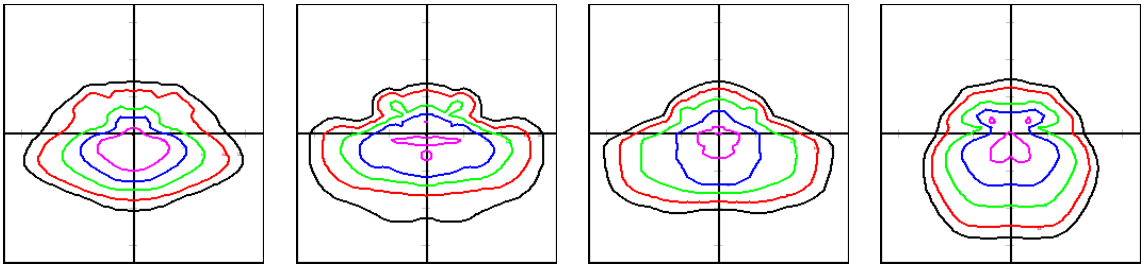
IES DISTRIBUTION TYPES

ISO Lines

Distance in Units of Mounting Height Values Based on 25 Foot Mounting Height.

Type II Short	Type II Medium	Type III Medium	Type IV Short



PHOTOMETRIC DATA

4000K CCT

Model	Type II Short			
	IES Report	Lumens	Watts	Lm/W
3500L	SCALED	3798	27.6	137.7
5500L	ATAL028652	6490	55.3	117.4
8000L	SCALED	9166	79.0	116.1
11000L	ATAL028653	10071	92.7	108.6

Model	Type III Medium			
	IES Report	Lumens	Watts	Lm/W
3500L	SCALED	3741	27.6	135.6
5500L	SCALED	6418	55.3	116.1
8000L	SCALED	9018	79.0	114.2
11000L	SCALED	9891	92.7	106.7

Model	Type II Medium			
	IES Report	Lumens	Watts	Lm/W
3500L	SCALED	3744	27.6	135.8
5500L	SCALED	6462	55.3	116.9
8000L	SCALED	9109	79.0	115.4
11000L	SCALED	9982	92.7	107.7

Model	Type IV Short			
	IES Report	Lumens	Watts	Lm/W
3500L	SCALED	3774	27.6	136.8
5500L	SCALED	6542	55.3	118.4
8000L	SCALED	9242	79.0	117.0
11000L	SCALED	10158	92.7	109.6

Additional CCT Information

Lumen Multiplier vs CCT

CCT	Multiplier
3000K	0.83
4000K	1.0
5000K	0.98

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LIGHTING CONTROLS

legrand® WATTSTOPPER®

LINE VOLTAGE HIGH/LOW/OFF PIR FIXTURE INTEGRATED OUT-DOOR PHOTO/MOTION SENSOR | FSP-211

Fully adjustable high and low dimmed light levels; optional dusk to dawn control

Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles

Hold off setpoint with automatic calibration option for convenience and added energy savings

Adjustable via handheld wireless configuration tool

IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 40'

Adjustable time delay and cut off delay

Description

The FSP-211 mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an FSP-Lx Lens, is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

Operation

Typically, the sensor ramps lighting On to the selected High mode level when motion is detected and the ambient light level is below the hold off setpoint. After the sensor stops detecting movement and the time delay elapses, lights fade to the Low mode level. If there is no motion during the subsequent cut off time delay, the lights will turn Off. For dusk to dawn control, the integral photocell can switch the lights On and Off based on the ambient light level so that lighting remains on overnight even without motion detection.

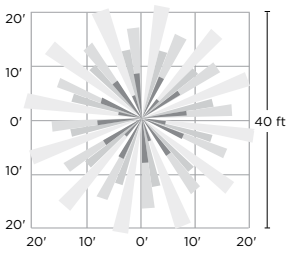
Wireless Handheld Configuration Tool

Initial setup and subsequent sensor adjustments are made using a handheld configuration tool (FSIR-100). This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cut off and more. The FSIR-100 is also used to initiate automatic calibration of the FSP-211 ambient light level setpoint. The setpoint is used to hold the controlled lighting off or at low level when there is sufficient daylight. The wireless tool stores up to six sensor parameter profiles to speed configuration of multiple sensors.

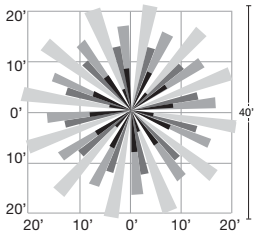
Applications

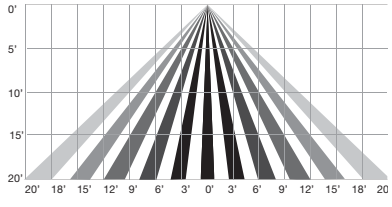
The slim, low-profile FSP-211 is designed for installation inside the bottom of a light fixture body. When fully assembled and installed in an IP66-rated fixture, the sensor and FSP-Lx lenses are IP66 outdoor rated. The sensor is ideal for areas such as parking facilities, gas stations, pedestrian pathways and warehouses. A choice of four lenses ensures complete coverage for mounting heights up to 40'.

OPTION FSP2 FSP-211 L2
8′ Mounting Height
44′ Diameter



OPTION FSP3 FSP-211 L3
20′ Mounting Height
40′ Diameter





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