

CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Sleek design for direct lighting in stairwells and hallways
- IK10 rated for demanding environments
- High-performance up to 142 lm/W
- Optional end- or side-mount occupancy sensors provide added energy-efficiency
- Attractive, high-impact frosted acrylic lens
- Heavy-duty 16-gauge C.R.S. spot-welded housing
- Multiple dimming protocols available
- Optional tamper-resistant screws for vandal-prone areas
- Optional anti-microbial finish suppresses the spread of dangerous micro-organisms, mold, and bacterial growth
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 16-gauge C.R.S.
- SHIELDING – Frosted high-impact acrylic lens, .100" thick.
- FINISH – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED board. Rated for 50,000 hours at 70% lumen maintenance (L70). 25°C maximum ambient operating temperature. 50/60 Hz constant current driver.
- MOUNTING – Wall and surface mount.
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - IK10 rated
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
- Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: SLF - 4 - L98/835 - HIA - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING
SLF	2 2'	2'	8 80	27 2700K	HIA
	4 4'	L13 1,300lm	9 90	30 3000K	Frosted high-impact acrylic, lens secured with Phillips head screws.
		L26 2,600lm		35 3500K	HIA/TP
		L45 4,500lm		40 4000K	Frosted high-impact acrylic with tamper resistant screws. ^[2]
	4'	L26 2,600lm		50 5000K	
		L52 5,200lm			
		L98 9,800lm			

OPTIONS

See page 2 for FINISH OPTIONS.

EM/10W	10-watt emergency battery ^[4]
EM/10WLP (L__)	Low-profile 10-watt emergency battery ^[5] Additional lower lumen packages available. ^[6] Example: 8,000 lumens = SLF-4-L98/835-(L80)
PSBR/120	Single-circuit bottom-mounted pull switch on right ^[7]
PSBL/120	Single-circuit bottom-mounted pull switch on left ^[8]
AMW	Anti-microbial white finish

CONTROL ^[3]

See page 5 for ADDITIONAL CONTROL OPTIONS.

–	None
AVI-LVFA	Avi-on wireless fixture control ^[9]
AVI-LVFA-PIR	Avi-on wireless fixture control with high bay PIR motion and daylight sensor, bottom mount ^[10]
AWNDR	Lutron Athena wireless node integral fixture control, RF only ^[11]
AWNRS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing ^[12]

DRIVER

See page 3 for ADDITIONAL DRIVER OPTIONS.

DIM	Driver with external 0-10V dimming wires	VOLTAGE
DRV	Driver without external dimming wires	120 120V
DA	Driver with 12V auxiliary power, without external dimming wires ^[13]	277 277V
DSR	Sensor-ready driver without external dimming wires (DAi DALI-2) ^[14]	UNV 120-277V
SD40	Step-dimming driver, 40% light output ^[15]	347 347V ^[17]
SD50	Step-dimming driver, 50% light output ^[16]	

ACCESSORIES

TPSN-8 TOOL #8, tamper-resistant snake eyes tool ^[18]

NOTES

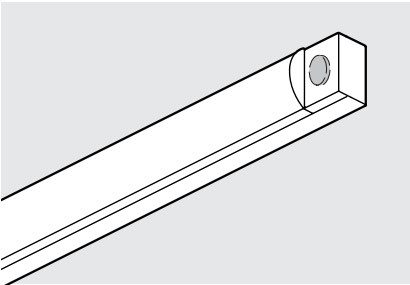
- ¹ Lumen output based on 80 CRI/3500K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- ² Tamper-resistant (TPSN-8) tool is required with HIA/TP option, must be ordered separately, see Accessories.
- ³ See page 3 for SENSOR PLACEMENT DETAILS. See page 4 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
- ⁴ 4' only.
- ⁵ 2' only.
- ⁶ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ⁷ 120V only.
- ⁸ 120V only.
- ⁹ DA Driver only.

- ¹⁰ DA Driver only.
- ¹¹ DA and DSR Drivers only.
- ¹² DA and DSR Drivers only.
- ¹³ Avi-on and Lutron Athena Controls only.
- ¹⁴ Lutron Vive and Athena Controls only.
- ¹⁵ When specified with occupancy sensor option, one leg of the driver will be tied to the sensor by default.
- ¹⁶ When specified with occupancy sensor option, one leg of the driver will be tied to the sensor by default.
- ¹⁷ Not available with EM batteries, DA, or DSR drivers.
- ¹⁸ Required with HIA/TP Shielding. Tamper-resistant tool must be ordered separately. Please specify quantity required per project.

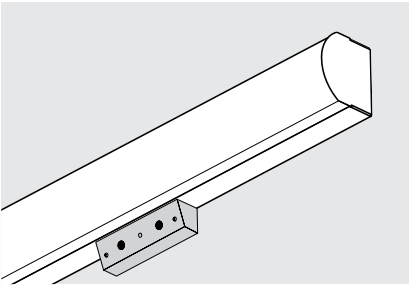


SENSOR PLACEMENT DETAILS

AVI-LVFA | AWNS | WS-FSP-311 | WS FSP-321 | VDO



WS-FS-505



ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DRV	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power, without external dimming wires
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming driver

SEE NEXT PAGE FOR CONTROL DETAILS.



AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple

- Gateway-free distributed control
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small areas to large garages
- Flexible control strategies

Secure

- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

COMMISSIONING & INSTALLATION TOOLS

Avi-on mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers. Live commissioning training and on-site or remote support by Avi-on must be ordered separately through Avi-on.



Commissioning Mobile App



Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



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ACCESSORIES

WALL STATIONS	
AVI-B-2401AC-1	Scene controller - buttons numbered 1-4 and up/down/off, 120-277VAC
AVI-B-2402BAT-1	Scene controller - buttons numbered 1-4 and up/down/off, battery powered
AVI-B-2401AC-2	Dimmer with presets - buttons with percentages and up/down/off, 120-277VAC
AVI-B-2402BAT-2	Dimmer with presets - buttons with percentages and up/down/off, battery powered
AVI-B-2401AC-3	Two button control on/off or hold to dim up/down, 120-277VAC
AVI-B-2402BAT-3	Two button control on/off or hold to dim up/down, battery powered

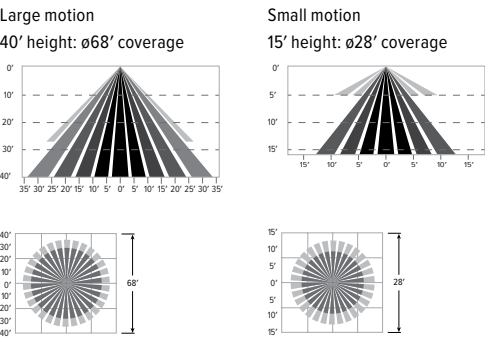
NETWORK	
AVI-RAB-LTE	Remote access bridge
AVI-NTM	Network time manager with battery backup
CEILING MOUNT SENSORS	
AVI-KIT-SEN-DUCM	PIR motion and ultrasonic sensor kit
AVI-KIT-SEN-ICM	PIR motion and photocell sensor kit

For load controllers and additional accessory info, see hew.com/avi-on

AVI-LVFA-PIR Avi-on wireless fixture control with high bay PIR motion and daylight sensor, bottom mount. DA Driver only.

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 45'
LENS	Single lens detects high and low bay motion.
DETECTION ANGLE	360°
TEMPERATURE RANGE	-30° to 70°C
RELATIVE HUMIDITY	90 to 95% at 30°C
COMMISSIONING	App (iOS or Android)
SYSTEM REQUIREMENTS	Avi-On wireless fixture controls plus desktop and mobile apps
MANUFACTURER	Avi-On
	

SENSOR COVERAGE PATTERNS



SENSOR DETAIL



Dimensions: 2-5/16" x 1-7/16"

ADDITIONAL CONTROL OPTIONS

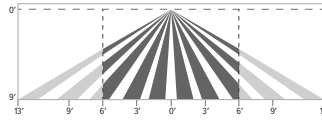
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing. DA and DSR Drivers only.

SPECIFICATIONS	
TYPE	Radio Frequency
MOUNTING HEIGHT	8' – 12'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	Clear Connect gateway – Type X with app (iOS or Android)
MANUFACTURER	Lutron



SENSOR COVERAGE PATTERNS

9' height: ø12' coverage



Motion Sensor Coverage

CEILING HEIGHT	COVERAGE AREA (SQ FT)
8'	114
9'	144
10'	178
12'	256

SENSOR DETAIL



Dimensions: ø1-1/8"

ATHENA CONTROL OPTIONS

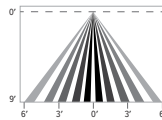
CATALOG NUMBER	DESCRIPTION
AWNDR	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNDR-BL	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power, black finish.
AWNS-BL	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary power, black finish.

VDO Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC). DSR or LDE Drivers only. LDE drivers require driver interface

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 12'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	App (iOS or Android)
MANUFACTURER	Lutron

SENSOR COVERAGE PATTERNS

9' height: ø12' coverage



Motion Sensor Coverage

CEILING HEIGHT	COVERAGE AREA (SQ FT)
8'	114
9'	144
10'	178
12'	256

SENSOR DETAIL



Dimensions: 2-11/16" x 1"

VIVE CONTROL OPTIONS

CATALOG NUMBER	DESCRIPTION
VRF	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), for use with sensor-ready driver
VDO	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), for use with sensor-ready driver
VRF/DBI	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver
VDO/DBI	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver

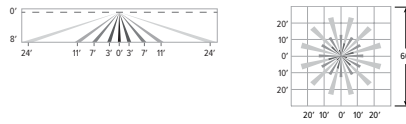


OCCWS-FSP-311-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.
OCCWS-FSP-321-L_-120-480 Wattstopper PIR motion and daylight sensor using 0-10V internal control, 120V-480V. Must specify lens: L2, L3, or L7. Factory installed.
OCCWS-FSP-211-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.
OCCWS-FSP-221-L_-120-480 Wattstopper PIR motion and daylight sensor using 0-10V internal control, 120V-480V. Must specify lens: L2, L3, or L7. Factory installed.
FSIR-100 Remote controller for 211 and 221 sensors. Please specify quantity required per project. Ordered and shipped separately.

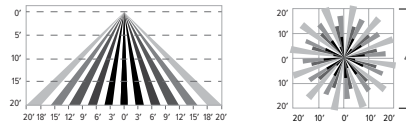
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	311 321 Sensors: App (iOS or Android) 211 221 Sensors: FSIR-100 Remote

SENSOR COVERAGE PATTERNS

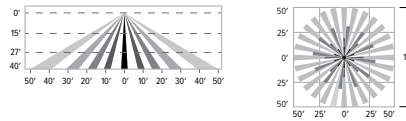
L2 8' height: ø48' coverage



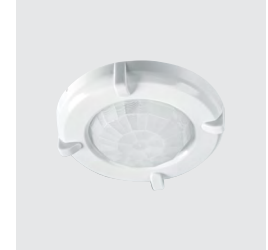
L3 20' height: ø40' coverage



L7 40' height: ø100' coverage



SENSOR DETAIL

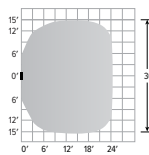


OCCWS-FS-505-PP-___ Wattstopper low voltage ultrasonic motion sensor with power pack. Must specify voltage: 120, 277, or 347V.

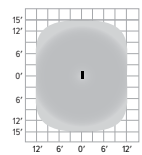
SPECIFICATIONS	
TYPE	Ultrasonic Motion
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	5 to 95%, non-condensing

SENSOR COVERAGE PATTERNS

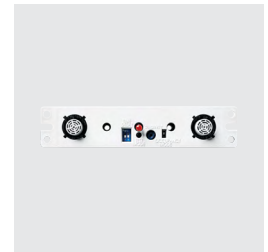
8' height: ø27' coverage 20° from vertical



Parallel to floor



SENSOR DETAIL



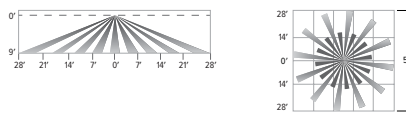
OCCSS LSXR-10-120-277 Sensor Switch PIR motion sensor, 120-277V

OCCSS LSXR-10-347/480 Sensor Switch PIR motion sensor, 347/480V

SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	7' – 15'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-10° to 60°C
RELATIVE HUMIDITY	Up to 90% non-condensing

SENSOR COVERAGE PATTERNS

9' height: ø56' coverage



SENSOR DETAIL

