

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_



## FEATURES

- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Round and square lensed fixtures provide a clean look for architectural environments
- Row applications produce continuous light with minimal interruption between fixtures
- Diffuse acrylic lens on 75R and 75S enhances uniformity and minimizes glare
- Variety of mounting accessories for surface and suspended applications
- Special reflectors are available to provide precise light distribution (75 only)
- High-performance up to 164 lm/W
- Available on QuickShip
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING** – 22-gauge die-formed C.R.S.
- 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. See fixture performance data for lumen maintenance. 25°C maximum ambient operating temperature. 40°C maximum ambient operating temperature with HA Option, lumen restrictions apply, consult Fixture Performance Data.
- MOUNTING** – Surface (ceiling or wall) or suspended (hanging hardware required).
- LISTINGS** –
  - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations
  - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at [designlights.org/QPL](http://designlights.org/QPL).
  - Complies with the Buy American Act and other federal regulations. Request certification at [hew.com/baa](http://hew.com/baa).
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: 75 - 4 - L85/835 - OPTIONS - CONTROL/DIM - UNV

### ORDERING INFO

SERIES	LENGTH <sup>[1]</sup>	LUMENS <sup>[2]</sup>	CRI	CCT
75	2 2'	2'	8 80	27 2700K
75R	3 3'	L15 1,500lm	9 90 <sup>[7]</sup>	30 3000K
75S	4 4'	L25 2,500lm		35 3500K
	8 8' <sup>[3]</sup>	L32 3,200lm		40 4000K
		L42 4,200lm		50 5000K
		L60 6,000lm <sup>[4]</sup>		
		L30 3,000lm		
		L50 5,000lm		
		L65 6,500lm		
		L85 8,500lm		
		L100 10,000lm		
		L120 12,000lm <sup>[5]</sup>		
		L60 6,000lm		
		L130 13,000lm		
		L170 17,000lm		
		L200 20,000lm		
		L240 24,000lm <sup>[6]</sup>		

### OPTIONS <sup>[8]</sup>

See page 5 for **FINISH OPTIONS**. See page 5 for **SPECIAL REFLECTORS**.

EM/10WLP	Low-profile 10-watt emergency battery <sup>[9]</sup>
EM/10WRM	Remote mount 10-watt emergency battery <sup>[10]</sup>
QC_	Quick-connect wiring harness. <sup>[11]</sup>
WG-75	11-gauge white powder coat wireguard <sup>[12]</sup>
315	1-1/2" ceiling spacer
VBV	(2) Y-hangers
VBV-2	(2) Y-hangers with 2' chains
RA-75	Row aligner <sup>[13]</sup>
45AMB	(2) 45° adjustable mounting brackets <sup>[14]</sup>
HA	High ambient operating temperature, 40°C <sup>[15]</sup>
FP	Frosted polycarbonate lens <sup>[16]</sup>

(L_)	Additional lower lumen packages available. <sup>[17]</sup> Example: 7,000 nominal lumens = 75-4-L85/835-(L70)-DIM-UNV
SP1	10kV surge protection, 120 or 277V
SP2	10kV surge protection, 208 or 240V
SP3	10kV surge protection, 347V

### AIRCRAFT CABLES (EXAMPLE: ACF/D48) <sup>[18]</sup>

Prefix	Type	Length
ACF/	Feeder	D 1" grid & hardpan 24 24"
ACJ/	Joiner	N 9/16" grid 48 48"
		S Slot grid 96 96"

### CONTROL <sup>[19]</sup>

See page 7 for **ADDITIONAL CONTROL OPTIONS**.

–	None
AVI-LVFA	Avi-on wireless fixture control <sup>[20]</sup>
AVI-LVFA-PIR	Avi-on wireless fixture control with high bay PIR motion and daylight sensor, bottom mount <sup>[21]</sup>
AVI-LVFA-CS2-PIR	Avi-on wireless fixture control with PIR motion and daylight sensor, bottom mount <sup>[22]</sup>
AWN	Lutron Athena wireless node integral fixture control, RF only <sup>[23]</sup>
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing <sup>[24]</sup>

### DRIVER

See page 9 for **ADDITIONAL DRIVER OPTIONS**.

DRIVER	VOLTAGE
–	120 120V
–	208 208V
DIM	Driver with external dimming wires 240 240V
–	277 277V
DRV	Driver without external dimming wires UNV 120-277V
–	347 347V <sup>[27]</sup>
DA	Driver with 12V auxiliary power, without external dimming wires <sup>[25]</sup>
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2) <sup>[26]</sup>

### NOTES

- For actual length, see page 4 for **FIXTURE DETAILS**
- 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.
- 75R and 75S ships with (2) 4' lenses.
- 75 only.
- 75 only.
- 75 only.
- Extended lead times may apply. Consult factory for availability.
- See page 4 for **MOUNTING DETAILS**.
- 4' and 8' only; Not available with 4' L120 and 8' L240 lumen packages.
- See page 4 for **MOUNTING DETAILS**.
- See page 5 for **QUICK-CONNECT OPTIONS**.
- Shipped separately, field-installed.
- Required when row mounting with aircraft cables.
- Cord recommended, ships separately. See page 4 for **MOUNTING DETAILS**. Field-adjustable up and down in 7-1/2" increments.
- Not available with 2' L60, 4' L120 and 8' L240 lumen packages. Lumen restrictions apply. See page 2 for **FIXTURE PERFORMANCE DATA**.
- 75R only.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Units specified with aircraft cable require cord and RA-75 row aligner. See page 4 for **MOUNTING DETAILS**.

- See page 5 for **SENSOR & NODE PLACEMENT DETAILS**. See page 6 for **AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS**.
- DA Driver only.
- DA Driver only.
- DA driver only.
- DA and DSR Drivers only.
- DA and DSR Drivers only.
- Avi-on, Lutron Athena, and LV-ZLS05 Controls only.
- Lutron Vive and Athena Controls only.
- Not available with EM batteries, DA, or DSR drivers.



## FIXTURE PERFORMANCE DATA

	LED PACKAGE	WATTAGE	75 (NO LENS)		75R & 75s <sup>(1)</sup>		LUMEN MAINTENANCE <sup>(2)</sup>				AMBIENT TEMPERATURE <sup>(3)</sup>	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	L70	L80	L85	L90	EM	NO EM
2'	L15	10.8	1592	147	1511	140	>72000	>72000	>72000	50,000	40	40
	L25	18.2	2602	143	2470	136	>72000	>72000	>72000	50,000	40	40
	L32	21.3	3092	145	2936	138	>72000	>72000	58,000	36,000	40	40
	L42	31.4	4344	138	4124	132	>72000	>72000	58,000	36,000	35	40
	L60	43.6	6052	139	—	—	>72,000	53,000	38,000	24,000	—	—
3'	L40	28.2	4092	145	3885	138	>72000	>72000	58,000	36,000	35	40
	L64	48.2	6593	137	6259	130	>72,000	53,000	38,000	24,000	30	35
	L30	19.7	3071	156	2916	148	>72000	>72000	>72000	50,000	40	40
4'	L50	33.0	5126	155	4867	148	>72000	>72000	>72000	50,000	40	40
	L65	42.3	6313	149	5994	142	>72000	>72000	58,000	36,000	40	40
	L85	56.2	8530	152	8098	144	>72,000	53,000	38,000	24,000	35	40
	L100	68.3	10154	149	9640	141	>72000	>72000	58,000	36,000	30	30
	L120	85.9	12105	141	—	—	>72,000	53,000	38,000	24,000	—	—
8'	L60	35.3	5814	165	5520	157	>72000	>72000	>72000	50,000	40	40
	L100	65.9	10078	153	9568	145	>72000	>72000	>72000	50,000	35	35
	L130	87.9	13011	148	12353	141	>72000	>72000	58,000	36,000	35	35
	L170	112.4	17060	152	16197	144	>72,000	53,000	38,000	24,000	35	35
	L200	136.5	20309	149	19281	141	>72000	>72000	58,000	36,000	30	30
	L240	171.7	24208	141	—	—	>72,000	53,000	38,000	24,000	—	—

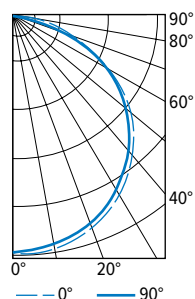
### MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

- Use 0.95 multiplier for the 75R when specified with the FP option.
  - Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
  - Maximum ambient operating temperature (°C) when specified with HA option.
- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
  - To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
  - Use multiplier table to calculate additional options.

## PHOTOMETRY

75-4-L85/835-DIM Total Luminaire Output: 8530 lumens; 56.2 Watts | Efficacy: 152 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2896	2896	2896	
	5	2917	2887	2876	275
	15	2837	2799	2791	792
	25	2663	2624	2610	1213
	35	2415	2366	2338	1484
	45	2066	2006	1990	1552
	55	1634	1580	1560	1415
	65	1124	1069	1048	1070
	75	581	543	531	582
	85	104	116	101	144
	90	9	14	9	

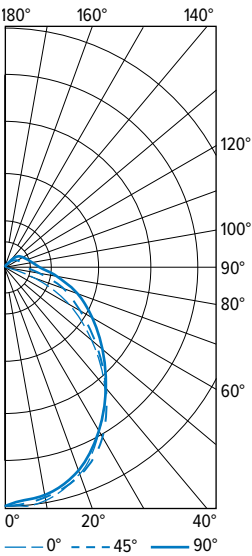
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2279	27
	0 - 40	3763	44
	0 - 60	6730	79
	0 - 90	8527	100
	0 - 180	8530	100

PHOTOMETRY CONTINUED ON NEXT PAGE.



# 75 LED Narrow Strip

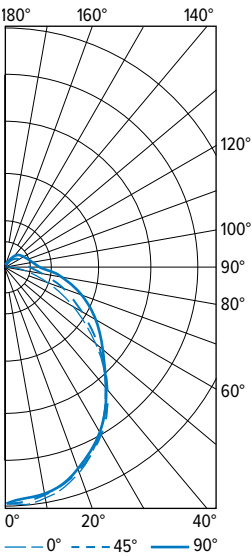
75R-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2594	2594	2594	
	5	2622	2585	2553	246
	15	2503	2497	2480	703
	25	2256	2306	2324	1059
	35	1915	2042	2111	1264
	45	1481	1673	1824	1281
	55	1003	1296	1488	1135
	65	620	942	1117	891
	75	267	630	775	613
	85	63	401	501	378
	90	9	311	407	
	95	1	249	329	225
	105	0	150	219	136
	115	0	94	149	83
	125	0	53	102	47
	135	0	28	63	24
	145	0	12	35	10
	155	0	6	16	3
	165	0	0	4	0
	175	0	0	0	0
	180	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2008	25
	0 - 40	3272	40
	0 - 60	5688	70
	0 - 90	7570	94
	90 - 120	443	6
	90 - 150	524	7
	90 - 180	527	7
	0 - 180	8098	100

75S-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/W | 80 CRI; 3500K CCT

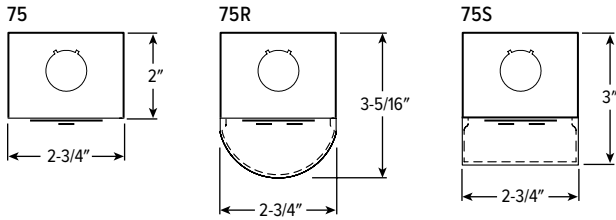


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2732	2732	2732	
	5	2756	2720	2682	258
	15	2633	2611	2579	734
	25	2351	2362	2323	1083
	35	1969	2010	1965	1247
	45	1516	1554	1583	1209
	55	1053	1160	1291	1051
	65	618	840	1022	826
	75	270	542	745	563
	85	47	323	491	332
	90	0	246	390	
	95	0	230	344	223
	105	0	200	291	185
	115	0	171	256	149
	125	0	139	216	110
	135	0	96	166	71
	145	0	58	113	38
	155	0	36	63	16
	165	0	17	31	4
	175	0	0	0	0
	180	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2075	26
	0 - 40	3321	41
	0 - 60	5581	69
	0 - 90	7301	90
	90 - 120	557	7
	90 - 150	777	10
	90 - 180	797	10
	0 - 180	8098	100

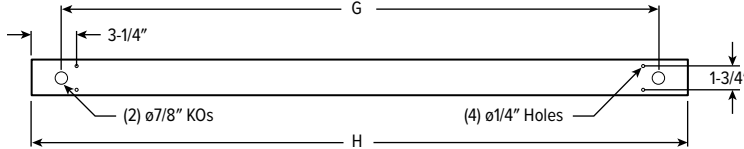


## CROSS SECTIONS



## FIXTURE DETAILS

### BACKVIEW

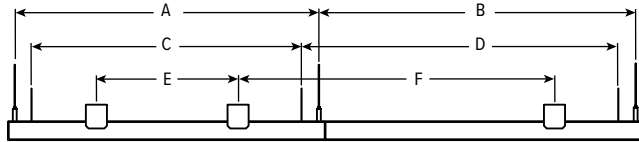


	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
3'	29-1/2"	33-9/16"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

## MOUNTING DETAILS

### STAND ALONE

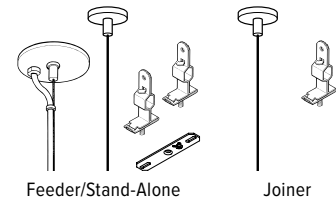
### SUBSEQUENT



### MOUNTING LENGTH

	AIRCRAFT CABLE		VBY HANGER		315 SPACER	
	A	B	C	D	E	F
2'	21-1/2"	22-1/2"	19"	22-1/2"	10"	22-1/2"
3'	32-1/2"	33-9/16"	30-1/16"	33-9/16"	21"	33-9/16"
4'	43-5/8"	44-5/8"	41-1/4"	44-5/8"	32"	44-5/8"
8'	88-3/16"	89-1/4"	85"	89-1/4"	77"	89-1/4"

## STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



### Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

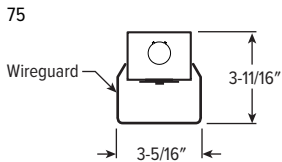
## CORD FOR SUSPENDED PRODUCT

Units specified with aircraft cable require cord. Please specify cord type using ordering information below. Long fixture rows may require multiple feed points based on 18ga conductor size.

EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND. <sup>(1)</sup>	WIRE SIZE	COLOR
S	24 24" 48 48" 96 96"	3 4 5 6	8D 18ga	/W White /B Black

<sup>1</sup> Includes (2) 22ga purple & pink dimming conductors

### WG-75



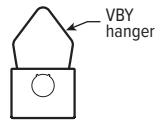
### 75R



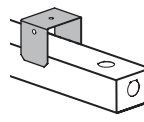
### 75S



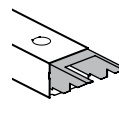
### VBY



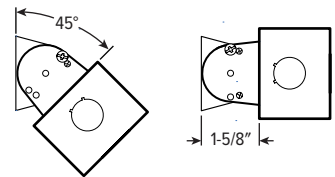
### 315



### RA-75

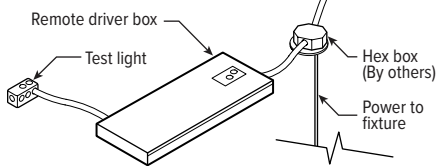


### 45AMB



## REMOTE MOUNT BATTERY

Max remote distance 50'.

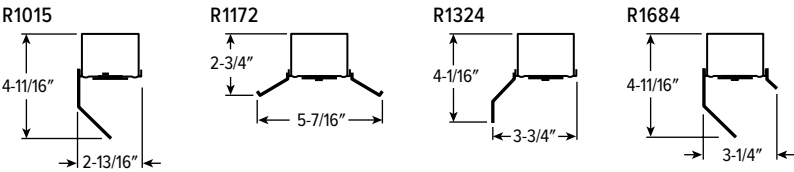


QUICK-CONNECT OPTIONS

Note: Quick-connect wiring required for row mounting. All QC harnesses contain (5) 16ga conductors plus ground.

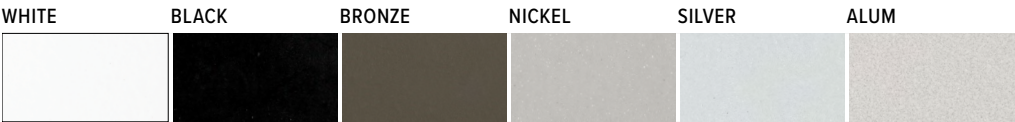
DESIGNATION	NUMBER OF 16GA WIRES FACTORY CONNECTED (EXCLUDING GROUND)	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
QCBW	2	Black, White	On/off switching (DRV) or line voltage dimming (DIM LINE)
QCRW	2	Red, White	Alternating circuits on/off switching (DRV) or line voltage dimming (DIM LINE)
QCBRW	3	Black, Red, White	On/off switching (DRV) or line voltage dimming when equipped with EM battery packs
QCBW/PK	4	Black, White, Purple, Pink	Single circuit with 0-10V low voltage dimming (DIM)
QCRW/PK	4	Red, White, Purple, Pink	Alternating circuits on/off switching with 0-10V low voltage dimming (DIM)
QCBRW/PK	5	Black, Red, White, Purple, Pink	On/off switching when equipped with EM battery packs and 0-10V dimming (DIM)
QCBW/RPK	5	Black, White, Red, Purple, Pink	On/off switching with 0-10v dimming and 0-10v tunable using shared common
QCUU	N/A	N/A	QC harness passes through fixture, but is not connected to it

SPECIAL REFLECTORS



Reflectors are ordered separately, only available with 75, cannot be used with wireguard accessories.  
Example: R1172-4-75LED REFL

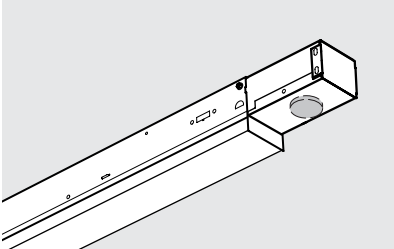
FINISH OPTIONS



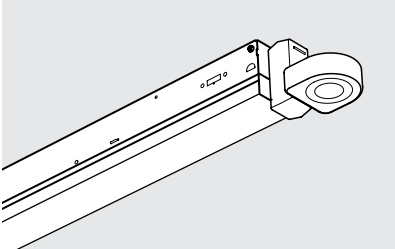
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

SENSOR & NODE PLACEMENT DETAILS

AVI-LVFA | AWRN | AWNS | VDO | WS-FSP | LV-ZLS05



LV-OSFHU | SS-LSXR



SEE NEXT PAGE FOR CONTROL DETAILS.

## AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

### FEATURES

#### Simple

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

#### Scalable

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

#### Secure

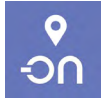
- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

### 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



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Avi-on is under license. Other trademarks and trade names are those of their respective owners.

### ACCESSORIES

WALL STATIONS	
AVI-2401AC	Scene controller - numbered 1-4, 120-277VAC
AVI-2402BAT	Scene controller - numbered 1-4, battery powered
AVI-2401AC-2	Dimmer with presets - percentages, 120-277VAC
AVI-2402BAT-2	Dimmer with presets - percentages, battery powered
AVI-2401AC-3	On/off/dimming, 120-277VAC
AVI-2402BAT-3	On/off/dimming, battery powered

NETWORK	
AVI-RAB-LTE	Remote access bridge
AVI-KIT-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](http://hew.com/avi-on)

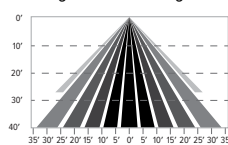
### AVI-LVFA-PIR Avi-on wireless fixture control with high bay PIR motion and daylight sensor, bottom mount. DA Driver only.

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

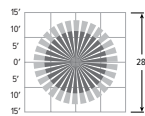
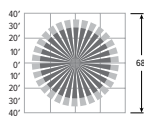
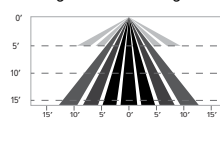
#### Large motion

40' height: ø68' coverage



#### Small motion

15' height: ø28' coverage



### SENSOR DETAIL




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



# 75 LED Narrow Strip

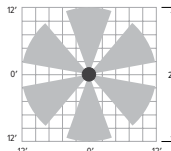
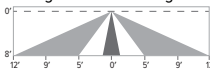
**AVI-LVFA-CS2-PIR** Avi-on wireless fixture control with PIR motion and daylight sensor. DA Driver only.

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-30° to 50°C
RELATIVE HUMIDITY	10 to 80% non-condensing
IP RATING	IP20
MANUFACTURER	Avi-On
	

## SENSOR COVERAGE PATTERNS

Side View

8' height: ø24' coverage




## SENSOR DETAIL



Dimensions: 13/16" x 2-1/4"

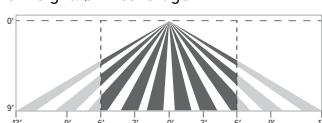
## ADDITIONAL CONTROL OPTIONS

**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

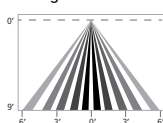
CATALOG NUMBER	DESCRIPTION
AWNDR	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary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



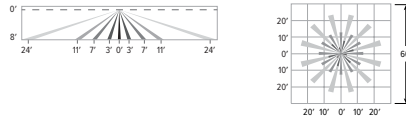


**OCCWS-FSP-311-L\_-120/277** Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.  
**OCCWS-FSP-211-L\_-120/277** Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.  
**FSIR-100** Remote controller for 211 sensor. Please specify quantity required per project. Ordered and shipped separately.

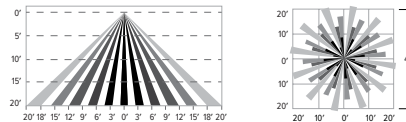
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	311 Sensor: App (iOS or Android) 211 Sensor: FSIR-100 Remote

## SENSOR COVERAGE PATTERNS

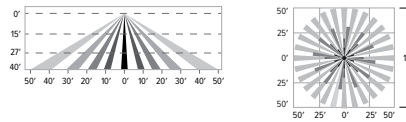
**L2 8' height: ø48' coverage**



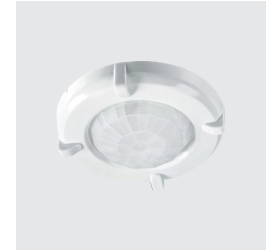
**L3 20' height: ø40' coverage**



**L7 40' height: ø100' coverage**



## SENSOR DETAIL



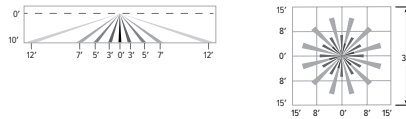
Dimensions  
L2/L3: ø2-3/8" | L7: ø3-1/4"

**LV-ZLS05-ILW** Leviton PIR motion and daylight sensor. DA Driver only. Adjustable via remote. Optional ZLSOR-RA1 remote controller available.  
**ZLSOR-RA1** Remote controller for ZLS05 sensor. Please specify quantity required per project. Ordered and shipped separately.

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	120°
TEMPERATURE RANGE	-20° to 70°C
COMMISSIONING	DIP switches or optional remote: ZLSOR-RA1

## SENSOR COVERAGE PATTERNS

**10' height: ø24' coverage**



## SENSOR DETAIL



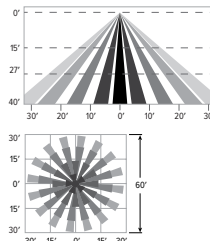
Dimensions: ø1-5/16"

**OCCLV-OSFHU-ITW-120-347** Leviton PIR motion sensor, 120-347V.

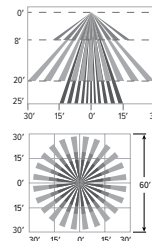
SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	8' – 40'
LENS	Interchangeable high bay, low bay or aisle mask
DETECTION ANGLE	360°
TEMPERATURE RANGE	-10° to 71°C
RELATIVE HUMIDITY	20% to 90% non-condensing

## SENSOR COVERAGE PATTERNS

**High bay  
40' height: ø60' coverage**



**Low bay  
25' height: ø60' coverage**



## SENSOR DETAIL





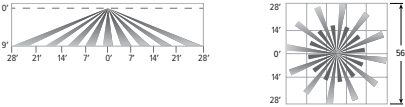
# 75 LED Narrow Strip

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



### ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver 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
DSR	Sensor-ready driver (D4i DALI-2)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver

