

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Available with Avi-on wireless fixture controls
- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Choice of diffuse and prismatic lenses
- Flat lens provides even illumination and minimizes glare
- Row applications produce continuous light with minimal interruption between fixtures
- Variety of surface and suspended mounting accessories
- Maximize energy savings with efficacies as high as 154 lm/W
- 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.
- SHIELDING** – Diffuse matte acrylic, .080" thick.
- ELECTRICAL** – High quality mid-power LED board. Rated for 50,000 hours at 70% lumen maintenance (L70). 25°C maximum ambient operating temperature. See fixture performance data for lumen maintenance.
- MOUNTING** – Surface (ceiling or wall) or suspended.
- LISTINGS** –
 - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.



ORDERING EXAMPLE: 75L - 4 - L65/835 - DMA - OPTIONS - CONTROL - DIM - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT	SHIELDING
75L	2 2'	2'	8 80	27 2700K	DMA Diffuse matte acrylic, .080" thick
	4 4'	L10 1,000lm	L40 4,000lm	30 3000K	
	8 8' ^[3]	L15 1,500lm	L76 7,600lm	35 3500K	AF12125 Frosted acrylic, pattern #12, .125" thick
		L20 2,000lm	L100 10,000lm	40 4000K	
	L32 3,200lm	L130 13,000lm	50 5000K		
	L40 4,000lm	L160 16,000lm			
	4'	L20 2,000lm			
		L38 3,800lm			
		L50 5,000lm			
		L65 6,500lm			
L80 8,000lm					

OPTIONS ^[5]

- EM/10WLP** Low-profile 10-watt emergency battery ^[6]
- EM/10WRM** Remote mount 10-watt emergency battery
- C2__** Two-circuit quick-connect wiring harness. ^[7]
- WG-75** 11-gauge white powder coat wireguard
- 315** 1-1/2" ceiling spacer
- VBV** (2) Y-hangers
- VBV-2** (2) Y-hangers and (2) 2' chains
- RA-75** Row aligner ^[8]
- 45AMB** (2) 45° adjustable mounting brackets ^[9]
- (L__)** Additional lower lumen packages available. ^[10]
Example: 5,500 nominal lumens = 75L-4-L65/835-(L55)
- ZLSOR-RA1** Remote controller for Leviton sensor ZLS05 ^[11]

AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[12]

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 ^[13]

- None
- AVI-LVFA** Avi-on wireless fixture control ^[15]
- AVI-LVFA-PIR** Avi-on wireless fixture control with PIR motion and daylight sensor, bottom mount ^[16]
- LV-OSFHU-ITW-120-347** Leviton PIR motion sensor, 120-347V
- LV-ZLS05-ILW** Leviton PIR motion and daylight sensor ^[17]
- WS-FSP-311-L_-120/277** Wattstopper PIR motion and daylight sensor, 120/277V. ^[18]

DRIVER ^[14]

- DIM** Driver with external dimming wires **120 120V**
277 277V
- DRV** Driver without external dimming wires **UNV 120-277V**
347 347V ^[20]
- DA** Driver with 12V auxiliary power, without external dimming wires ^[19]

VOLTAGE

NOTES

- For actual length, see page 4 for FIXTURE DETAILS.
- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- Ships with (2) 4' lenses.
- Extended lead times may apply. Consult factory for availability.
- See page 5 for FINISH OPTIONS. See page 4 for MOUNTING DETAILS.
- 4' and 8' only; must specify 120V or 277V. Not available with L65 and L130 lumen packages.
- See page 4 for QUICK CONNECT OPTIONS.
- 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. Field-adjustable up and down in 7-1/2° increments.
- Specify in increments of 100 nominal lumens. Option must be scified with next higher lumen package.
- Please specify quantity required per project, ordered separately.
- Units specified with aircraft cable require cord. See page 4 for MOUNTING DETAILS. Requires RA-75 row aligner. See page 5 for MOUNTING ACCESSORIES DETAILS.
- See page 2 for CONTROL DETAILS.
- See page 4 for ADDITIONAL DRIVER OPTIONS.
- DA Driver only. SDT required when specified with 347V or 480V.
- DA Driver only. SDT required when specified with 347V or 480V.
- DA Driver only. Adjustable via remote. Optional ZLSOR-RA1 remote controller available, ordered separately, see options.
- Must specify lens: L2 or L3. Factory installed.
- Avi-on and LV-ZLS05 Controls only.
- Not available with EM batteries.



FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	DMA LENS		AF12125 LENS		LUMEN MAINTENANCE				
		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	L70	L80	L85	L90	
2"	L10	8.3	1023	122.8	1177	141.8	>72000	>72000	>72000	50000
	L15	12.5	1514	121.0	1743	139.4	>72000	>72000	>72000	50000
	L20	17.0	2024	119.0	2329	137.0	>72000	>72000	>72000	50000
	L32	27.8	3209	115.6	3694	132.9	>72000	>72000	58000	36000
	L40	33.8	4014	118.9	4620	136.7	>72000	>72000	58000	36000
4"	L20	16.2	2045	126.3	2354	145.3	>72000	>72000	>72000	50000
	L38	31.2	3936	126.0	4530	145.2	>72000	>72000	>72000	50000
	L50	42.2	5130	121.5	5904	139.9	>72000	>72000	58000	36000
	L65	55.7	6546	117.5	7535	135.2	>72000	>72000	58000	36000
	L80	66.9	8079	120.7	9299	139.0	>72000	>72000	58000	36000
8"	L40	29.7	3975	133.8	4575	154.0	>72000	>72000	>72000	50000
	L76	60.3	7676	127.4	8835	146.5	>72000	>72000	>72000	50000
	L100	81.5	10128	124.2	11657	143.0	>72000	>72000	58000	36000
	L130	111.4	13092	117.5	15069	135.3	>72000	>72000	58000	36000
	L160	133.8	16159	120.7	18599	139.0	>72000	>72000	58000	36000

MULTIPLIER TABLE

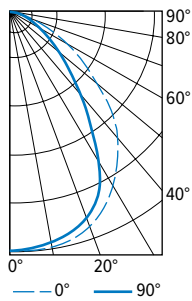
COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
2700K	0.97
3000K	0.99
3500K	1.00
4000K	1.03
5000K	1.06

80 CRI	
CCT	CONVERSION FACTOR
2700K	0.80
3000K	0.82
3500K	0.83
4000K	0.86
5000K	0.89

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

75L-4-L65/835-DMA Total Luminaire Output: 6547 lumens; 55.7 Watts | Efficacy: 118 lm/W | 80 CRI; 3500K CCT



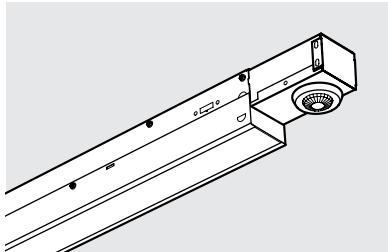
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2916	2916	2916	
5	2975	2900	2850	275
15	2830	2751	2677	776
25	2560	2448	2326	1127
35	2183	2014	1846	1263
45	1713	1505	1307	1174
55	1198	1019	864	929
65	743	605	506	619
75	358	282	237	308
85	82	59	56	75
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2178	33
	0 - 40	3441	53
	0 - 60	5544	85
	0 - 90	6547	100
	0 - 180	6547	100

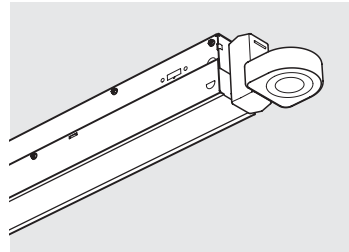
CONTROL DETAILS

SENSOR PLACEMENT

AVI-LVFA-PIR | LV-ZLS05 | WS-FSP




LV-OSFHU

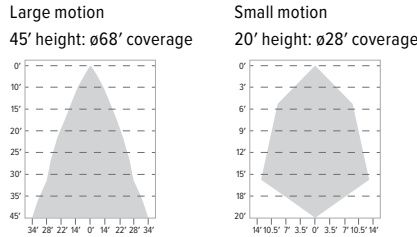


AVI-LVFA-PIR

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



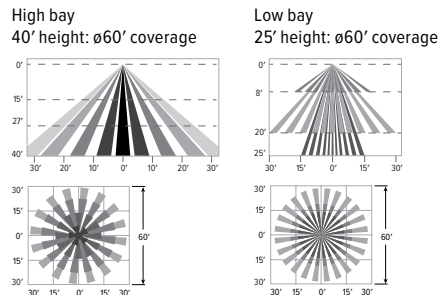
SENSOR COVERAGE PATTERNS



LV-OSFHU-ITW-120-347

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
MANUFACTURER	Leviton

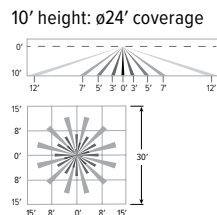
SENSOR COVERAGE PATTERNS



LV-ZLS05-ILW

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
MANUFACTURER	Leviton

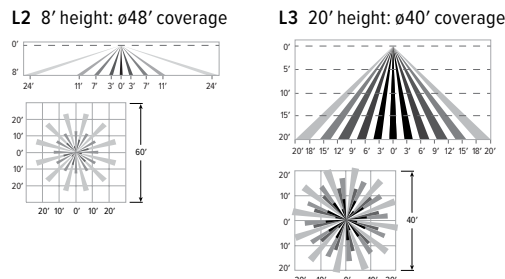
SENSOR COVERAGE PATTERNS



WS-FSP-311-L2-120/277

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)
MANUFACTURER	Wattstopper

SENSOR COVERAGE PATTERNS



ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at 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	Dimming driver with 12V auxiliary
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

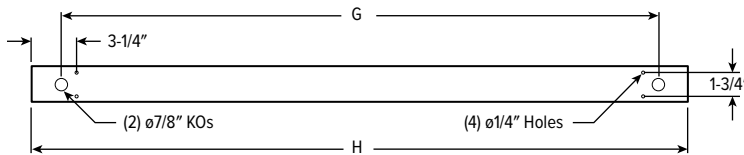
QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Length restrictions may apply, consult product builder at hew.com/product-builder.

DESIGNATION	NUMBER OF WIRES (EXCLUDING GROUND)	WIRE COLORS	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
C2B	3	White, Black, Red	White, Black	Alternating Circuits
C2BR	3	White, Black, Red	White, Black, Red	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W)
C2R	3	White, Black, Red	White, Red	Alternating Circuits
C2BW/R	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)

FIXTURE DETAILS

BACKVIEW

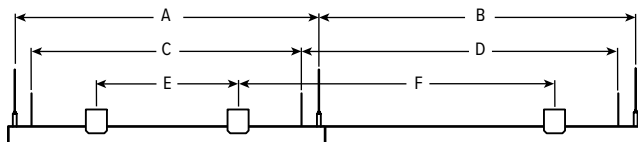


	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

MOUNTING DETAILS

STAND ALONE

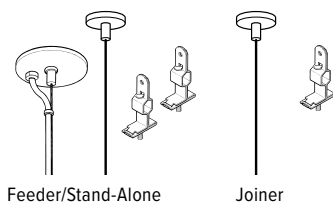
SUBSEQUENT



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"
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

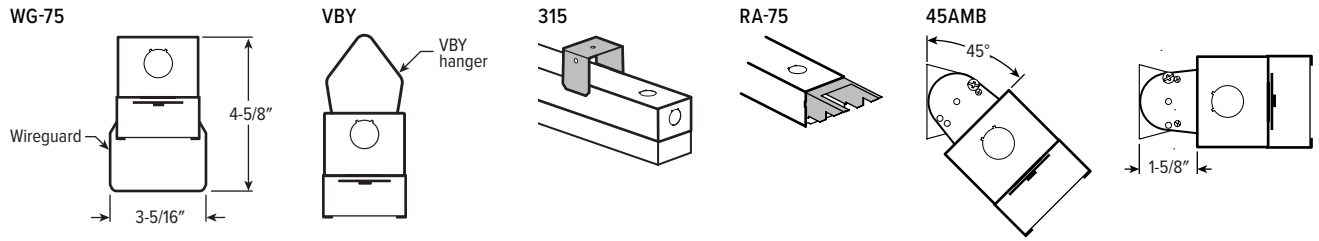
Units specified with aircraft cable require cord. Please specify cord type using ordering information below.

EXAMPLE: S2438/W					
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR	
S	24 24"	3	8	/W White	
	48 48"	4		/B Black	
	96 96"	5			

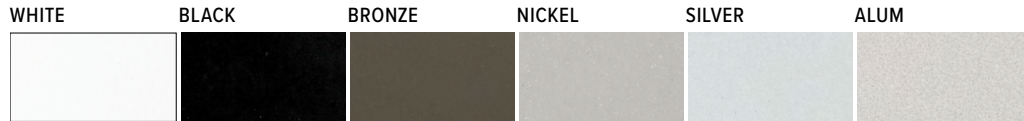


75L LED Flat Lens Strip

MOUNTING ACCESSORIES DETAILS



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.