

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

Type: \_\_\_\_\_

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

**FEATURES**

- Available with Avi-on wireless fixture controls
- Narrow fixture design is suitable for high-bay aisle applications
- Heavy-gauge aluminum housing for maximum heat dissipation
- Shallow fixture depth of less than 4" allows fixture placement near the ceiling for maximum space utilization
- Easy access to driver without the removal of LED modules
- Quick-wire access plate in back of fixture housing for easy attachment of incoming power supply
- Variety of mounting options
- Maximize energy savings with efficacies up to 162 lm/W
- Made Right Here® in the USA

**SPECIFICATIONS**

- HOUSING** – .040" die-formed aluminum housing.
- 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 boards. See fixture performance data for lumen maintenance. 25°C maximum ambient operating temperature.
- MOUNTING** – Suspended.
- LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).



**ORDERING EXAMPLE: GLN - 4 - L105/840 - OPTIONS - CONTROL - DIM - UNV**

**ORDERING INFO**

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	OPTIONS <sup>[2]</sup>
GLN	4 4'	4'	8 80	35 3500K	<b>EM/10W</b> 10-watt emergency battery Additional lower lumen packages available Example: 9,000 nominal lumens = GLN-4-L105/840-(L90) <sup>[3]</sup> <b>S7238/B</b> 72" cord, 3-conductor, No. 18 AWG, black <sup>[4]</sup> <b>S7258/B</b> 72" cord, 5-conductor, No. 18 AWG, black <sup>[5]</sup> <b>6CPI/L5-15P/TWLK</b> 6' cord and NEMA twistlock 15 AMP plug, 120V <sup>[6]</sup> <b>6CPI/L7-15P/TWLK</b> 6' cord and NEMA twistlock 15 AMP plug, 277V <sup>[7]</sup> <b>WG11</b> 11-gauge wireguard, white powder coated <b>VBY</b> (2) Y-hangers <b>VBY-2</b> (2) Y-hangers and (2) 2' chains <b>GC2/Y18/5</b> Cable suspension kit, 5' length <sup>[8]</sup> <b>GC2/Y18/10</b> Cable suspension kit, 10' length <sup>[9]</sup> <b>3SB</b> 3" spacer bracket <sup>[10]</sup> <b>HUB MT 3/4"</b> Cast iron hub and junction box for single 3/4" pendant mount <sup>[11]</sup> <b>HUB/HOOK MT</b> Cast iron hub with mounting hook <sup>[12]</sup> <b>HOOK/CABLE</b> Hook and cable mounting kit, 10' <b>SCHA118</b> Steel door frame, clear, high-temperature, non-prismatic acrylic, .118" thick <b>SAF118</b> Steel door frame, non-prismatic diffuse acrylic, .118" thick <b>FSIR-100</b> Remote controller for sensor HBP-111 <sup>[13]</sup>
	8 8'	<b>L63</b> 6,300lm <b>L105</b> 10,500lm <b>L150</b> 15,000lm 8' <b>L126</b> 12,600lm <b>L210</b> 21,000lm <b>L300</b> 30,000lm		40 4000K	
				50 5000K	

**CONTROL <sup>[14]</sup>**

–	None
<b>AVI-LVFA</b>	Avi-on wireless fixture control <sup>[17]</sup>
<b>AVI-LVFA-PIR-ELB</b>	Avi-on wireless fixture control with PIR motion and daylight sensor, end mount <sup>[18]</sup>
<b>LV-OSFHU-I4W-208/240/480</b>	Leviton PIR motion sensor, 208/240/480V
<b>LV-OSFHU-ITW-120-347</b>	Leviton PIR motion sensor, 120-347V
<b>WS-FSP-321B-L_-120-480</b>	Wattstopper PIR motion sensor with daylight harvesting using 0-10V internal control, 120V-480V. <sup>[19]</sup>
<b>WS-HBP-111-L7-120/277/347</b>	Wattstopper PIR motion and daylight hold off sensor, 120/277/347V <sup>[20]</sup>

**DRIVER <sup>[15]</sup>**

<b>DIM</b>	Driver with external dimming wires
<b>DRV</b>	Driver without external dimming wires
<b>DA</b>	Driver with 12V auxiliary power, without external dimming wires <sup>[21]</sup>

**VOLTAGE <sup>[16]</sup>**

<b>120</b>	120V
<b>277</b>	277V
<b>UNV</b>	120-277V
<b>480</b>	480V <sup>[22]</sup>

**NOTES**

- Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- See page 4 for MOUNTING DETAILS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- DRV only.
- DIM only.
- DRV only.
- DRV only.
- 1 pair.
- 1 pair.
- 1 pair.
- 1 pair.
- 1 pair.
- 11 Shipped not attached. 4' only.
- 12 Shipped not attached, 4' only.
- 13 Please specify quantity required per project, ships separately.
- 14 See page 3 for CONTROL DETAILS.
- 15 See page 2 for ADDITIONAL DRIVER OPTIONS.
- 16 Must specify voltage (not UNV) if using cord and plug or occupancy sensor.
- 17 DA Driver only. SDT required when specified with 347V or 480V.
- 18 DA Driver only. SDT required when specified with 347V or 480V.
- 19 Must specify lens: L3 or L7. Factory installed.
- 20 Adjustable via remote. Optional FSIR-100 remote controller available, ordered separately and shipped separately.
- 21 Avi-on Controls only.
- 22 Not available with EM battery.



## FIXTURE PERFORMANCE DATA

	LED PACKAGE	WATTAGE	STANDARD (NO LENS)		SCHA118		SAF118		LUMEN MAINTENANCE		
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	L80	L85	L90
4'	L63	42.3	6395	151.3	5564	131.6	5372	127.1	72,000	58,000	36,000
	L105	65.3	10612	162.6	9657	148.0	9445	144.7	72,000	72,000	50,000
	L150	101.2	15043	148.6	13689	135.3	13388	132.3	72,000	58,000	36,000
8'	L126	81.7	12629	154.6	11492	140.6	11240	137.6	72,000	58,000	36,000
	L210	136.5	21223	155.5	19313	141.5	18888	138.4	72,000	72,000	50,000
	L300	202.4	30086	148.6	27378	135.2	26777	132.3	72,000	58,000	36,000

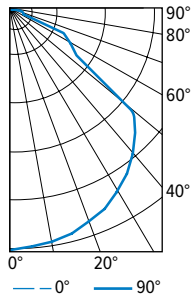
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Predicted lumen maintenance calculated from LED manufacturer IES LM-80 data and In situ temperature measurement.
- Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- Use multiplier table to calculate additional options.

### MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
3500K	0.97
4000K	1.00
5000K	1.03

## PHOTOMETRY

GLN-4-L105-840-DIM-UNV Total Luminaire Output: 10612 lumens; 65.3 Watts | Efficacy: 163 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3868	3868	3868	
5	3929	3839	3833	367
15	3814	3751	3739	1061
25	3568	3528	3535	1632
35	3232	3193	3232	2010
45	2767	2786	2815	2147
55	2144	2244	1277	1823
65	1403	884	926	1106
75	639	161	187	383
85	34	74	71	83
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	3060	29
	0 - 40	5070	48
	0 - 60	9040	85
	0 - 90	10612	100
	0 - 180	10612	100

## ADDITIONAL DRIVER OPTIONS

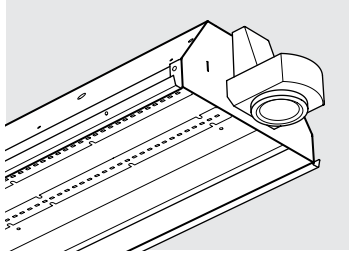
Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

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



## CONTROL DETAILS

### SENSOR PLACEMENT

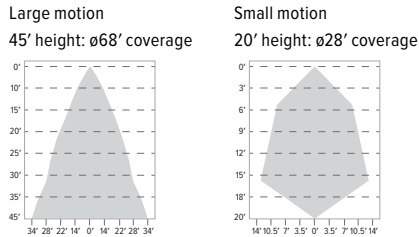


### AVI-LVFA-PIR-ELB

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

Bluetooth® Lighting Controls

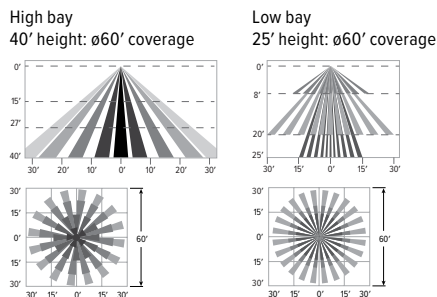
### SENSOR COVERAGE PATTERNS



### LV-OSFHU-14W-208/240/480 or 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

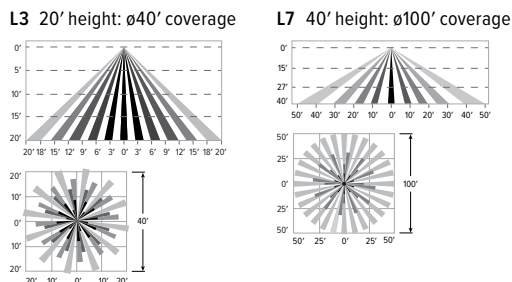
### SENSOR COVERAGE PATTERNS



### WS-FSP-321B-L3-120-480

SPECIFICATIONS	
TYPE	PIR Motion + Daylight Harvesting
MOUNTING HEIGHT	15' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)
MANUFACTURER	Wattstopper

### SENSOR COVERAGE PATTERNS

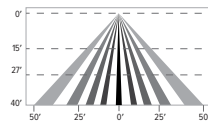


WS-HBP-111-L7-120/277/347

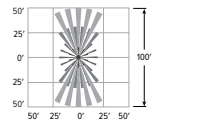
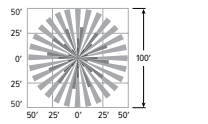
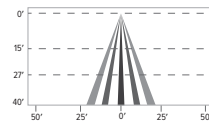
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	15' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 70°C
RELATIVE HUMIDITY	5 to 95%, non-condensing
COMMISSIONING	FSIR-100 Remote
MANUFACTURER	Wattstopper

### SENSOR COVERAGE PATTERNS

40' height: ø100' coverage

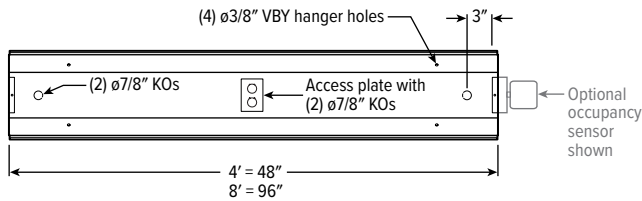


With mask: 40' height: ø50' coverage



### FIXTURE DETAILS

#### BACKVIEW



### MOUNTING DETAILS

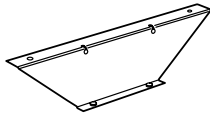
GC2/Y18/\_



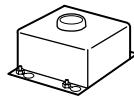
VBY | VBY-2



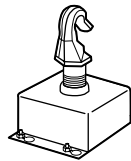
3SB SPACER BRACKET



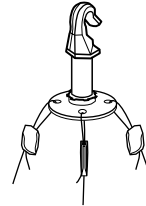
HUB MT



HUB/HOOK MT



HOOK/CABLE



WG11

