

CATALOG #: _____

Type: _____

PROJECT: _____



FEATURES

- Attractive, architectural details are captured in this compact suspended LED luminaire
- Dramatic, illuminated, acrylic gullwing design element enhances and illuminates
- Precision uplight optics provide soft, uniform indirect illumination
- Designed for stand-alone and continuous row-mount applications
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – Extruded aluminum with milled aluminum end caps.
- SHIELDING** – Extruded frosted acrylic uplight lens with diffuse extruded frosted acrylic wing panels.
- FINISH** – Textured matte white polyester TGIC 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. L70 >72,000 hours per IES TM-21. See fixture performance data for lumen maintenance.
- MOUNTING** – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid or hard ceiling applications provided.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - RoHS compliant.
 - 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: SIA3 - GW - 4 - L20/835 - AC/D48 - OPTIONS - CONTROL/DRV - UNV

ORDERING INFO

SERIES	FIXTURE STYLE	NOMINAL LENGTH	LUMENS ^[1]	CRI	CCT
SIA3	GW Gullwing	Stand-alone: 4' & 8' nominal lengths, fixture ships assembled. Example: 4 = 4'	L10 1,000lm	8 80	27 2700K
		Row-mount: Lengths specified in 4' increments Example: 12 = 12'	L15 1,500lm	9 90 ^[2]	30 3000K
		Product Builder Simplify ordering & layout design with the Williams Linear Product Builder at hew.com	L20 2,000lm		35 3500K
					40 4000K
					50 5000K

MOUNTING

AIRCRAFT CABLES (EXAMPLE: AC/D48) ^[3]

Prefix	Type	Length
AC/	Aircraft	D 1" grid & hardpan
		24 24"
		N 9/16" grid
		48 48"
		S Slot grid
		96 96"

OPTIONS

See page 3 for *FINISH OPTIONS*.

EM/10WRM (L__)	Remote mount 10-watt emergency battery ^[4]
	Additional lower lumen packages available
	Example: 1,600 lumens = SIA3-GW-4-L20/835-(L16) ^[5]

CONTROL

– None

See page 3 for *Additional Control Options*. ^[7]

DRIVER ^[6]

DIM Dimming driver
DRV Non-dimming driver

VOLTAGE

120 120V
277 277V
UNV 120-277V
347 347V ^[8]

NOTES

- ¹ Lumens per foot 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 Extended lead times may apply. Consult factory for availability.
- ³ See page 2 for *MOUNTING DETAILS*.
- ⁴ 4' sections only. Requires remote mounted LED driver, provided with remote mounting enclosure for installation in ceiling above fixture. Separate power and control wiring to remote box required. Consult factory for specifications; not available with OCC sensor. See page 2 for *MOUNTING DETAILS*.

- ⁵ (L8) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ⁶ See page 3 for *ADDITIONAL DRIVER OPTIONS*.
- ⁷ See page 3 for *SENSOR PLACEMENT DETAILS*.
- ⁸ Not available with EM batteries.



SIA3^{LED} Suspended Indirect Architectural – Gullwing

FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	LUMEN MAINTENANCE			
					L70	L80	L85	L90
4'	L10	3836	31.5	122	>72000	>72000	>72000	50000
	L15	5753	47.9	120	>72000	>72000	58000	36000
	L20	7670	64.2	119	>72000	>72000	58000	36000
8'	L10	7671	63.0	122	>72000	>72000	>72000	50000
	L15	11507	95.8	120	>72000	>72000	58000	36000
	L20	15841	128.3	123	>72000	>72000	58000	36000

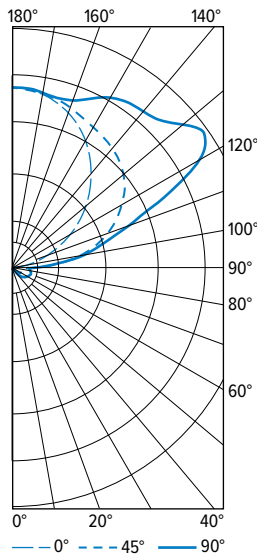
- ¹ Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
 - To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
 - Use multiplier table to calculate additional options.

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

PHOTOMETRY

SIA3-GW-4-L20/835 Total Luminaire Output: 7670 lumens; 64.2 Watts | Efficacy: 119 lm/W | 80 CRI; 3500K CCT

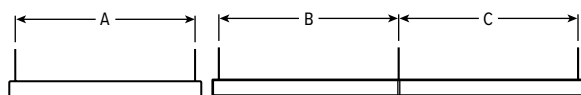


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	28	28	28	
5	29	28	29	3
15	26	33	48	10
25	24	46	71	22
35	24	61	105	40
45	24	80	143	62
55	22	88	164	81
65	15	87	163	87
75	8	74	135	76
85	5	62	132	86
90	9	161	201	
95	59	354	427	318
105	266	843	921	742
115	529	1202	1797	1175
125	806	1364	2357	1325
135	1067	1528	2106	1205
145	1300	1597	2001	1023
155	1510	1630	1832	768
165	1652	1707	1733	482
175	1736	1752	1735	166
180	1746	1746	1746	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	35	1
	0 - 40	75	1
	0 - 60	217	3
	0 - 90	466	6
	90 - 120	2235	29
	90 - 150	5788	76
	90 - 180	7204	94
	0 - 180	7670	100

MOUNTING DETAILS

BACKVIEW

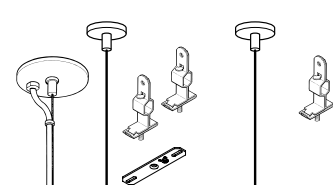


Stand-Alone Unit

Row-Mounted Units

NOMINAL LENGTH	A	B	C
4'	46-1/8"	46-1/4"	47-1/16"
8'	93-3/16"	93-1/4"	94-1/8"

STANDARD HARDWARE (Grid and Hardpan)



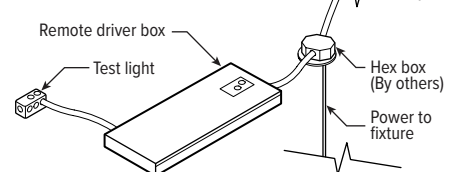
Power End/Stand-Alone

Row Mount Support

- 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.

REMOTE MOUNT BATTERY

Max remote distance 50'.



H.E. Williams, Inc.

Carthage, Missouri

www.hew.com

417-358-4065

Designed and Manufactured in the USA

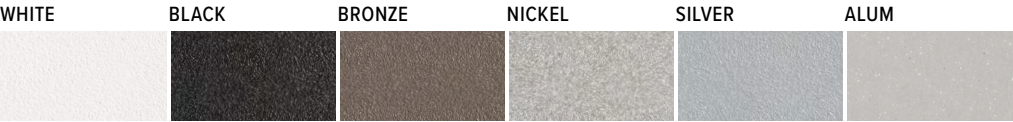
REV.01/08/24.JL

Suspended

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Information contained herein is subject to change without notice.

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 PLACEMENT DETAILS



ADDITIONAL CONTROL OPTIONS

OCCWS-FSP-311-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.

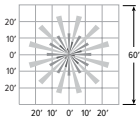
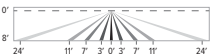
OCCWS-FSP-211-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2, L3, or L7. Factory installed.

FSIR-100 Remote controller for 211 sensor. Please specify quantity required per project. Ordered and shipped separately.

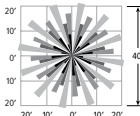
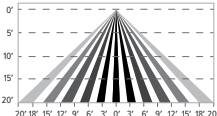
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	311 Sensor: App (iOS or Android) 211 Sensor: FSIR-100 Remote

SENSOR COVERAGE PATTERNS

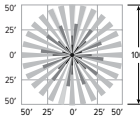
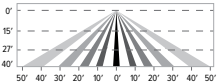
L2 8' height: ø48' coverage



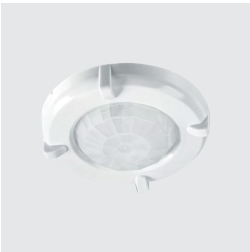
L3 20' height: ø40' coverage



L7 40' height: ø100' coverage



SENSOR DETAIL



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

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)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver

