

SUSPENDED INDIRECT ARCHITECTURAL – GULLWING

SIA3

LED

CATALOG #:

TYPE:

PROJECT:

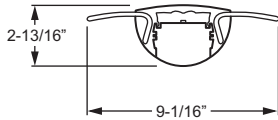
NOTES:

EXAMPLE → **SIA3 - GW - 4 - L20/835 - AC/D48 - OPTIONS - DRV - UNV**

SERIES FIXTURE STYLE NOMINAL LENGTH LUMEN PACKAGE CRI & CCT MOUNTING OPTIONS DRIVER VOLTAGE



CROSS SECTION



ORDERING INFORMATION

SERIES
SIA3 Suspended Indirect Architectural – Gullwing

FIXTURE STYLE
GW Gullwing

NOMINAL LENGTH
Stand-alone – 4' & 8' nominal lengths, fixture ships assembled.
 Example: **4** = 4'.
Row-mount – Lengths specified in 4' increments
 Example: **12** = 12'.

PRODUCT BUILDER
 Simplify ordering & layout design with the Williams Linear Product Builder at hew.com

LED PACKAGE

Example: L20/835			
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	MINIMUM CRI & CCT	WATTAGE PER FOOT
L10	1,000	830 = 80 CRI, 3000K	8.1
L15	1,500	835 = 80 CRI, 3500K	12.2
L20	2,000	840 = 80 CRI, 4000K	16.3

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see fixture performance data. Additional lumen packages available, see options.

MOUNTING
 See page 2 for details.

EXAMPLE: AC/D48		
MOUNTING	TYPE	LENGTH
AC/ = Aircraft	D = 1" grid & hardpan	24 = 24"
	N = 9/16" grid	48 = 48"
	S = Slot grid	96 = 96"

OPTIONS
 For color options, visit the SIA3 online at hew.com.
EM/10W REMOTE Remote mount 10-watt emergency LED battery, 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)

(L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens per foot. Option must be specified with next higher lumen package.

OCCWS FSP-211-L_ Factory-installed occupancy sensor, 120V or 277V only, must specify L2 or L3 lens type. See page 3 for details (not available with EM/10W REMOTE)

ACCESSORIES
FSIR-100 Remote controller for occupancy sensor, specify quantity required per project.

DRIVER
 Additional dimming drivers available, see [Technical Info](#).
DRV Driver prewired for non-dimming applications
DIM Driver prewired for 0-10V low voltage dimming applications

VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V

FEATURES

- ▶ Attractive, architectural details are captured in this compact suspended LED luminaire.
- ▶ Dramatic, illuminated, acrylic gullwing design element enhances and illuminates.
- ▶ Precision upright optics provide soft, uniform indirect illumination.
- ▶ Designed for stand-alone and continuous row-mount applications.
- ▶ Multiple dimming protocols available.
- ▶ This fixture is proudly made in the USA.



LED

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 > 50,000 hours per IES TM-21.

Mounting – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid or hard ceiling applications provided.

Labels – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.

Qualifications – RoHS compliant.

Warranty – 5-year limited fixture warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)
4'			
L10	31.5	3836	121.8
L15	47.9	5753	120.1
L20	64.2	7670	119.5
8'			
L10	63.0	7671	121.8
L15	95.8	11507	120.1
L20	128.3	15841	123.5

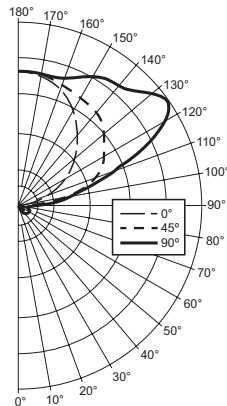
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K/80CRI	0.99
3500K/80CRI	1.00
4000K/80CRI	1.03
5000K/80CRI	1.06

PHOTOMETRY

SIA3-GW-4-L20/835 Total Luminaire Output: 7670 lumens; 64 Watts | Efficacy: 119 lm/W | 82.8 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	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	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

FIXTURE DETAILS

MOUNTING INFORMATION (center to center mounting cable)	Nominal Length	A	B	C
<p>Stand-Alone Unit</p>	4'	46-1/8"	46-1/4"	47-1/16"
<p>Row-Mounted Units</p>	8'	93-3/16"	93-1/4"	94-1/8"

STANDARD HARDWARE (Grid and Hardpan)

FEEDER	JOINER	Notes:
		<ul style="list-style-type: none"> 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.

INTEGRAL OCCUPANCY SENSOR DETAILS



EXAMPLE **OCCWS FSP-211 - L2**

OCCUPANCY SENSOR LENS

ORDERING INFORMATION

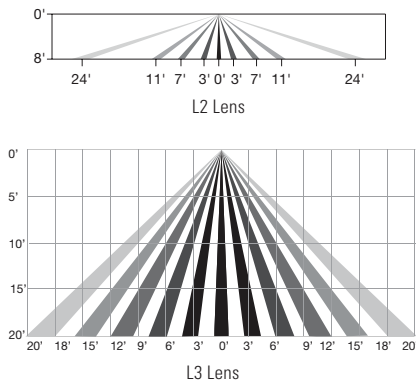
OCCWS FSP-211-__ Factory-installed occupancy sensor, must specify lens (120V or 277V only)

LENS

L2 Coverage at 8' mounting height: ø48'
L3 Coverage at 20' mounting height: ø40'

- ▶ Fully adjustable high and low dimmed light levels.
- ▶ Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles.
- ▶ Hold-off setpoint with automatic calibration option for convenience and added energy savings.
- ▶ Adjustable via handheld wireless configuration tool (ordered separately).
- ▶ Adjustable time delay and cutoff delay.
- ▶ Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.

COVERAGE PATTERNS



FSIR-100



Optional occupancy sensor remote

