

SUSPENDED INDIRECT ARCHITECTURAL

SIA1

LED

CATALOG #:

PROJECT:

TYPE:

NOTES:

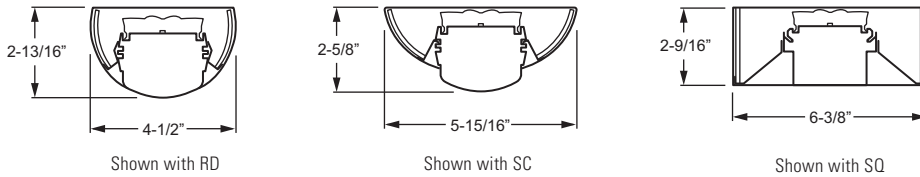
EXAMPLE **SIA1 - SC - 4 - L20/835 - AC/D48 - OPTIONS - DRV - UNV**

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



SC shown

CROSS SECTIONS



ORDERING INFORMATION

SERIES
SIA1 Suspended Indirect Architectural

FIXTURE STYLE
RD Round
SC Scoop
SQ Square

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

OPTIONS
 For color options, visit the SIA1 online at hew.com
EM/10W REMOTE Remote mount 10-watt emergency LED driver, 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. Option must be specified with next higher lumen package.
Example: 1,600 nominal lumens = SIA1-SC-4-L20/835-(L16)
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)

LED PACKAGE

Example: L20/835			WATTAGE PER FOOT
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	MINIMUM CRI & CCT	
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.

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

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"

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

FEATURES

- ▶ Attractive, architectural details are captured in this compact suspended LED luminaire.
- ▶ Backlit frosted acrylic side panels combined with perforated design elements create a dramatic presence.
- ▶ 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

FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)
4'			
L10	31.5	3922	124.5
L15	47.9	5882	122.8
L20	64.2	7843	122.2
8'			
L10	63.0	7844	124.5
L15	95.8	11766	122.8
L20	128.3	15686	122.3

- 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.

SPECIFICATIONS

Housing – Extruded aluminum with milled aluminum end caps.

Shielding – Extruded frosted acrylic uplight lens with diffuse acrylic side 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 at 50,000 hours.

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.

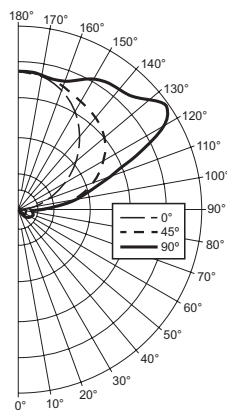
Warranty – 5-year limited fixture warranty, see hew.com/warranty.

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

SIA1-SC-4-L20/835 Total Luminaire Output: 7843 lumens; 64 Watts | Efficacy: 122 lm/W | 82.8 CRI; 3500K CCT



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	31	31	31	
5	26	29	29	3
15	26	37	44	10
25	22	42	66	21
35	22	59	97	38
45	22	75	136	61
55	22	95	173	84
65	20	99	191	100
75	11	97	187	102
85	9	88	171	115
90	0	176	250	
95	55	428	474	366
105	259	876	993	775
115	514	1200	1821	1190
125	778	1367	2450	1337
135	1044	1525	2186	1209
145	1285	1582	2026	1021
155	1516	1604	1832	763
165	1665	1701	1716	481
175	1757	1775	1758	168
180	1775	1775	1775	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	34	0
0 - 40	72	1	
0 - 60	217	3	
0 - 90	534	7	
90 - 120	2331	30	
90 - 150	5897	75	
90 - 180	7309	93	
0 - 180	7843	100	

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

FIXTURE STYLES

RD (Round)



SC (Scoop)



SQ (Square)



FIXTURE DETAILS

MOUNTING INFORMATION (center to center mounting cable)		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)					
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

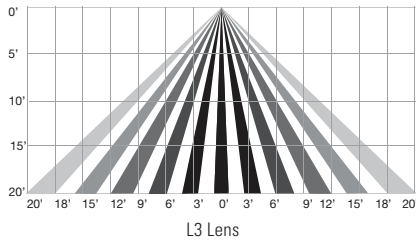
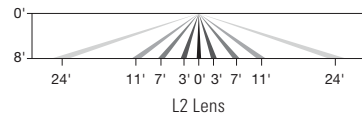
OCCWS FSP-211-___ Factory-installed occupancy sensor, must specify lens (120V or 277V only)

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.
- ▶ 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

