

CATALOG #: _____

Type: _____

PROJECT: _____

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 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 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 >50,000 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** –
 - RoHS compliant.
 - cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: SIA1 - SC - 4 - L20/835 - AC/D48 - OPTIONS - CONTROL/DRV - UNV

ORDERING INFO

SERIES	FIXTURE STYLE	NOMINAL LENGTH	LUMENS ^[1]	CRI	CCT
SIA1	RD Round	Stand-alone: 4' & 8' nominal lengths, fixture ships assembled. Example: 4 = 4'	L10 1,000lm	8 80	27 2700K
	SC Scoop		L15 1,500lm		30 3000K
	SQ Square	Row-mount: Lengths specified in 4' increments Example: 12 = 12'	L20 2,000lm	35 3500K	40 4000K

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

MOUNTING

AIRCRAFT CABLES (EXAMPLE: AC/D48) ^[4]

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

OPTIONS ^[3]

EM/10WRM Remote mount 10-watt emergency battery ^[5]

(L__) Additional lower lumen packages available
Example: 1,600 lumens = SIA1-SC-4-L20/835-(L16) ^[6]

CONTROL

– None
See page 4 for Additional Control Options. ^[8]

DRIVER ^[7]

DIM Dimming driver
DRV Non-dimming driver

VOLTAGE

120 120V
277 277V
UNV 120-277V
347 347V ^[9]

NOTES

- Lumens per foot output based on 3500 CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- Extended lead times may apply. Consult factory for availability.
- See page 3 for FINISH OPTIONS.
- See page 3 for MOUNTING DETAILS.
- 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.
- (L8) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 4 for ADDITIONAL DRIVER OPTIONS.
- See page 3 for SENSOR PLACEMENT DETAILS.
- Not available with EM batteries.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	LUMEN MAINTENANCE			
					L70	L80	L85	L90
4'	L10	3922	31.5	124.5	>72000	>72000	>72000	50000
	L15	5882	47.9	122.8	>72000	>72000	58000	36000
	L20	7843	64.2	122.2	>72000	>72000	58000	36000
8'	L10	7844	63.0	124.5	>72000	>72000	>72000	50000
	L15	11766	95.8	122.8	>72000	>72000	58000	36000
	L20	15686	128.3	122.3	>72000	>72000	58000	36000

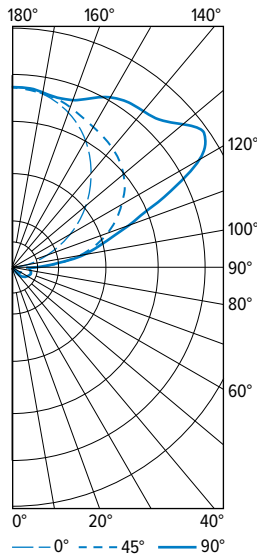
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- To calculate lumen output in emergency mode, multiply the battery wattage 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

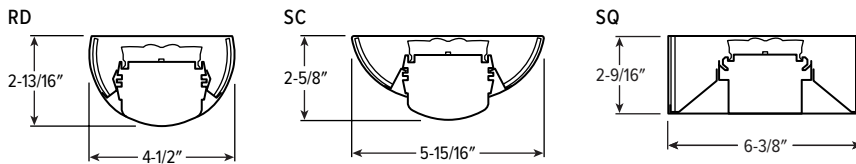
SIA1-SC-4-L20/835 Total Luminaire Output: 7843 lumens; 64 Watts | Efficacy: 122 lm/W | 80 CRI; 3500K CCT



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	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	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

CROSS SECTIONS



FIXTURE STYLES

RD (ROUND)



SC (SCOOP)



SQ (SQUARE)

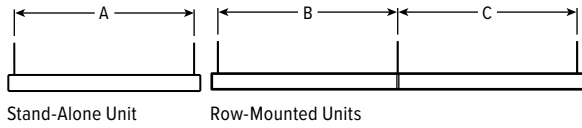


SIA1 LED LED

Suspended Indirect Architectural – Backlit

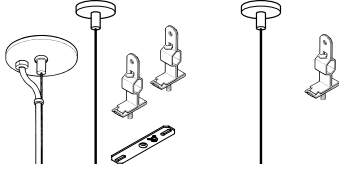
MOUNTING DETAILS

BACKVIEW



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.

FINISH OPTIONS

WHITE



BLACK



BRONZE



NICKEL



SILVER



ALUM



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



SEE NEXT PAGE FOR CONTROL DETAILS.



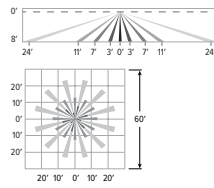
ADDITIONAL CONTROL OPTIONS

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

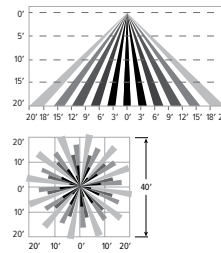
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)

SENSOR COVERAGE PATTERNS

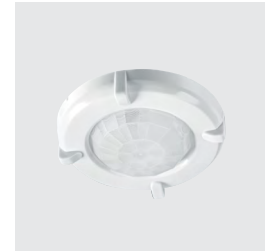
L2 8' height: ø48' coverage



L3 20' height: ø40' coverage



SENSOR DETAIL



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

