

SUSPENDED INDIRECT ARCHITECTURAL – EDGELIT

SIA2

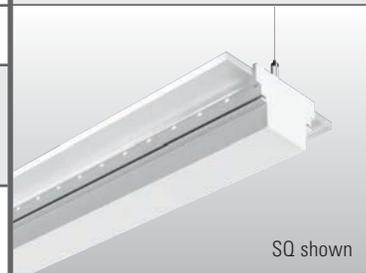
LED

CATALOG #: _____ TYPE: _____

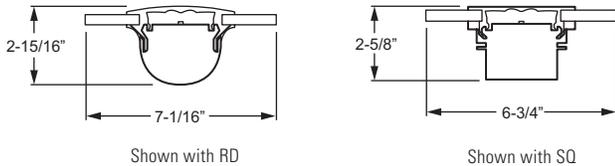
PROJECT: _____ NOTES: _____

EXAMPLE **SIA2 - SQ - 4 - L65/840 - S - OPTIONS - DRV - UNV**

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



CROSS SECTIONS



ORDERING INFORMATION

SERIES
SIA2 Suspended Indirect Architectural – Edgelit

FIXTURE STYLE
RD Round
SQ Square

NOMINAL LENGTH
4 4'
8 8'

LED PACKAGE

EXAMPLE: L65/840			
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	AVERAGE SYSTEM WATTAGE
4'			
L40	4,000	830 = 80 CRI, 3000K	45
L50	5,000	835 = 80 CRI, 3500K	55
L65	6,500	840 = 80 CRI, 4000K	77
8'			
L80	8,000	830 = 80 CRI, 3000K	90
L100	10,000	835 = 80 CRI, 3500K	110
L130	13,000	840 = 80 CRI, 4000K	155

Average system wattage for 8' fixtures is calculated based on LM-79 test results for 4' fixtures.

FIXTURE TYPE

F Electrical feeder unit, straight white cord standard (wire gauge to be determined by row length), quick-connect wiring harness, one end cap installed

J Joiner unit, no cord, quick-connect wiring harness, no end caps

E End unit, no cord, quick-connect wiring harness, one end cap installed

S Stand-alone unit, straight white cord standard, two end caps installed

OPTIONS

For color options, visit the SIA2 online at hew.com.

C2_ Two-circuit quick-connect wiring harness

EM/10W REMOTE Remote mount 10-watt emergency LED driver, 4' sections only (nominal 1300 lumens module output in EM mode)^{1,2}

(L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 5,500 nominal lumens = SIA2-RD-4-L65/835-S-(L55)

OCCWS FSP-211-L_ Factory-installed occupancy sensor, 120V or 277V only, must specify L2 or L3 lens type. See page 3 for details.²

ACCESSORIES

FSIR-100 Remote controller for occupancy sensor^{2,3}

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.
- ▶ Edgelit frosted acrylic and glowing perforated elements make a dramatic design statement.
- ▶ Precision uplight optics provide soft, uniform indirect illumination.
- ▶ LED technology provides high efficacy and energy efficiency.
- ▶ Designed for stand-alone and continuous row-mount applications.
- ▶ Multiple dimming protocols available.
- ▶ Rated for 50,000 hours at 70% lumen maintenance (L70).
- ▶ Minimum 80 CRI; 3000K, 3500K, 4000K CCT.
- ▶ This fixture is proudly made in the USA.

¹ EM/10W REMOTE 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.

² Integral occupancy sensors are not compatible with EM/10W REMOTE.

³ Please specify quantity required per project.

LED

Catalog #: **SIA2-RD-4-L65/840**

SPECIFICATIONS

Housing – Extruded aluminum with milled aluminum end caps.
Shielding – Extruded frosted acrylic uplight lens with diffuse sand blasted acrylic edgelit 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.

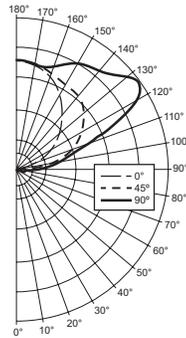
IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY

TEST REPORT INFORMATION

- ▶ Test Report #: 17978.0
- ▶ Date: 03/17/14
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 6906**
- ▶ **Watts: 77.3**
- ▶ **Lumens Per Watt: 89.3**
- ▶ **CRI: 84.2**
- ▶ **CCT: 4049K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	5.	5.	5.	
5°	2.	3.	6.	0.4
15°	2.	4.	10.	1.7
25°	2.	10.	26.	5.5
35°	2.	22.	32.	11.7
45°	3.	26.	54.	20.9
55°	7.	45.	103.	45.0
65°	13.	60.	124.	63.4
75°	11.	61.	125.	67.2
85°	3.	79.	216.	99.8
90°	4.	237.	333.	
95°	46.	409.	516.	355.9
105°	234.	731.	860.	672.4
115°	467.	1013.	1671.	1067.4
125°	699.	1198.	2199.	1205.6
135°	941.	1365.	1948.	1084.8
145°	1147.	1418.	1841.	924.8
155°	1360.	1458.	1704.	692.5
165°	1498.	1541.	1559.	435.1
175°	1580.	1598.	1583.	152.1
180°	1599.	1599.	1599.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0 - 30	8.	0.1
0 - 40	19.	0.3
0 - 60	85.	1.2
0 - 90	316.	4.6
90 - 120	2096.	30.3
90 - 130	3301.	47.8
90 - 150	5311.	76.9
90 - 180	6591.	95.4
Total Luminaire:		
0 - 180	6906.	100.0

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 ceiling applications)					
Feeder		Joiner			
Notes: <ul style="list-style-type: none"> Fixtures are provided with adjustable length aircraft cables and choice of T-bar (standard) or optional hard pan ceiling hardware, must specify. See Information section for details. Electrical supply is brought into the feeder fixture, either as part of a row or as an individual mount unit. Ender fixtures complete the row. 					

FIXTURE STYLES

RD (Round)



SQ (Square)



INTEGRAL OCCUPANCY SENSOR DETAILS



EXAMPLE → **OCCWS FSP-211 - L2**
 OCCUPANCY SENSOR LENS

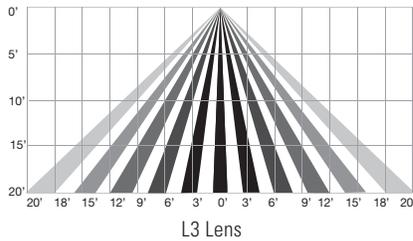
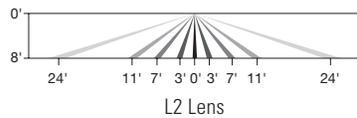
ORDERING INFORMATION

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'

COVERAGE PATTERNS



FSIR-100



Optional occupancy sensor remote

- ▶ 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.

