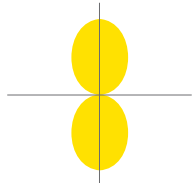


DISTRIBUTION PATTERN

Direct/Indirect:
Standard



DIRECT / INDIRECT

LUMENS/FT	WATTS/FT
2000	17.5
1500	12.7
1250	10.5
1000	8.2
750	6.5
500	4.5

FEATURES

Verse from our SoftSense collection offers an aesthetically pleasing source of illumination in various shapes, while providing the solution to high noise levels found in open, multi-functional spaces. The sound absorbing material consists of 9mm thick PET felt, with 50% post-consumer recycled content: a strong, durable and versatile product that is available in an array of colors. With the ability to create a multitude of configurations, the luminaire can also be paired with unlit units to complement applications such as corporate offices, educational, commercial, and retail spaces, leaving a long-lasting impression.

LUMENS PER FOOT	500, 750, 1000, 1200, 1500, 2000 or Custom
CCT & DYNAMIC PLATFORMS	27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	85+ Standard, 90+
COLOR QUALITY	3 Step MacAdam Ellipse
WIDTHS	4"
LENGTHS	2', 4', 6', Custom ¹
HEIGHTS	6", 8", 12", 16"
DISTRIBUTION PATTERNS	Standard
CONFIGURATION PATTERNS & LENGTHS	Rectangle
MOUNTING	Suspended
MATERIAL COLORS	Refer to SoftSense Material Color Chart
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), DIMST, DIMTR, LUTH, ELD010.1, ELDODMX.1, DALI.1
EMERGENCY	10W - Up to 1000L Output / 20W - Up to 2000L Output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) EMG-LED-G2-20W-SDT - Self Diagnostic (Consult Factory)
LIFETIME	L70 at 83,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS & PERFORMANCE

Fabricated from 20-gauge aluminum, with mitered corners, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency LED light that passes through a high quality acrylic lens for optimal distribution patterns, creating glare-free and even distributions, which includes Direct Downlight or Wall Wash with zero light leakage.

CONSTRUCTION

One-piece rigid aluminum extrusion, made of T6063-T5 aluminum, with cast aluminum end caps. A precision cut, smooth white extruded frosted lens with snap in design attaches firmly into the grooves of the body and can be easily removed for access to the driver and LED boards.

ACOUSTIC MATERIAL

Acoustic material is made from 100% polyethylene terephthalate (PET), with 50% post-consumer recycled material. PET is a moisture resistant green product with no added chemicals, binders, adhesives or dyes.

OPTICAL ASSEMBLY

Reflector is fabricated from 20-gauge aluminum, and post-painted finish with 95% reflective premium paint. Wall Wash reflectors are positioned at an angle.

DISTRIBUTION PATTERNS & DIFFUSER

Standard Distribution - Available for both up and down. A high-quality, smooth white frosted efficient acrylic lens is shipped standard for optimal distribution patterns, for most applications, and provides glare-free, even illumination.

Wall Wash Distribution - Illuminates from the ceiling down for uniform vertical illumination.

Batwing Distribution - Illuminates with a wide spread distribution for more energy efficiency and increased ceiling uniformity.

SUPPORT CABLE / FEED

Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in a standard 10' length. A 5-conductor cable is standard or a 6-conductor cable for emergency power. Field adjustable length. Max. support every 8 feet. For longer cable, please consult factory.

CRM INSTALLATION

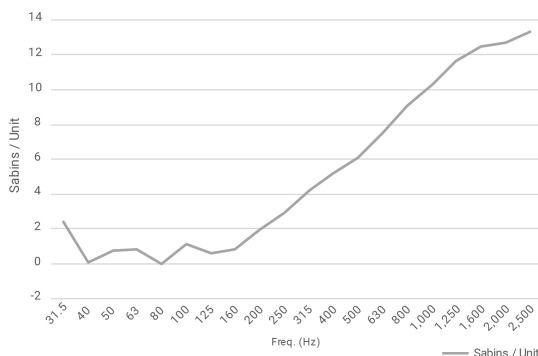
For continuous row mounting, the first luminaire in the row will always be the power supply feed. After plugging in the male and female harnesses, which are supplied with each luminaire, they will easily slide together, then secured with two screws from opposite directions in the connecting brackets.

DRIVER ELECTRICAL INFORMATION


Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple hassle-free continuous wiring, and each luminaire must be installed male to female.


OPTIONS


Available without light source.



LED DYNAMIC PLATFORM OPTIONS

 Tunable White with Smart White Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K.

 Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3500K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space.

 RGB + White with Smart Hue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

DIMTR - Triac & Electronic low voltage dimming. Available in 120V.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

DALI - DALI DT6, DT8 dimming down to 1%.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

DIMST - Step Dimming

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

UL Listed for Damp location

MAINTENANCE

Acoustic material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

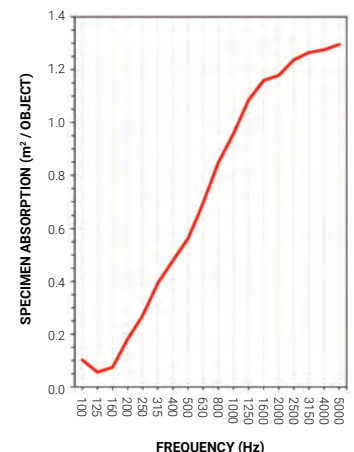
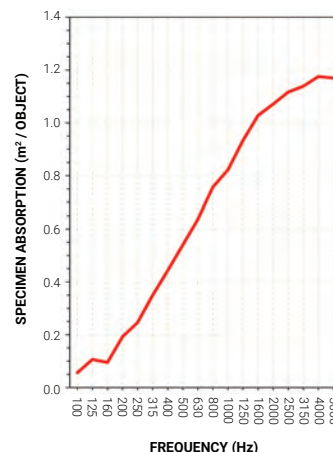
SOUND ABSORPTION RESULTS (from left to right)

A - acoustic performance

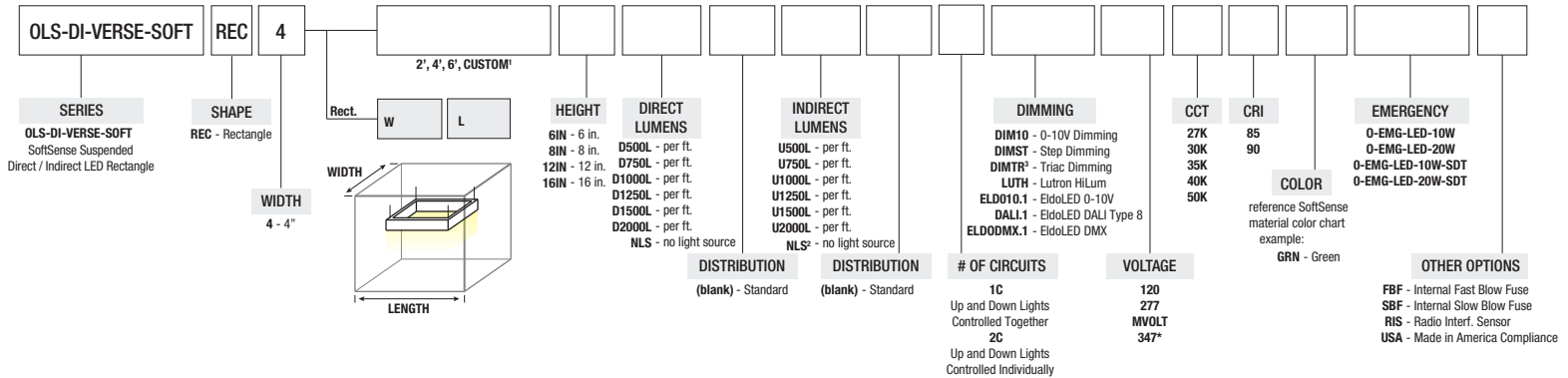
Felt Fixtures, alternating with / without light fixtures (8 units total)

B - spaced 12" on center

C - spaced 18" on center



Example: **OLS-DI-VERSE-SOFT-REC-4-W4-L6-12IN-D500L-U500L-1C-DIM10-MVOLT-35K-85-GRN**

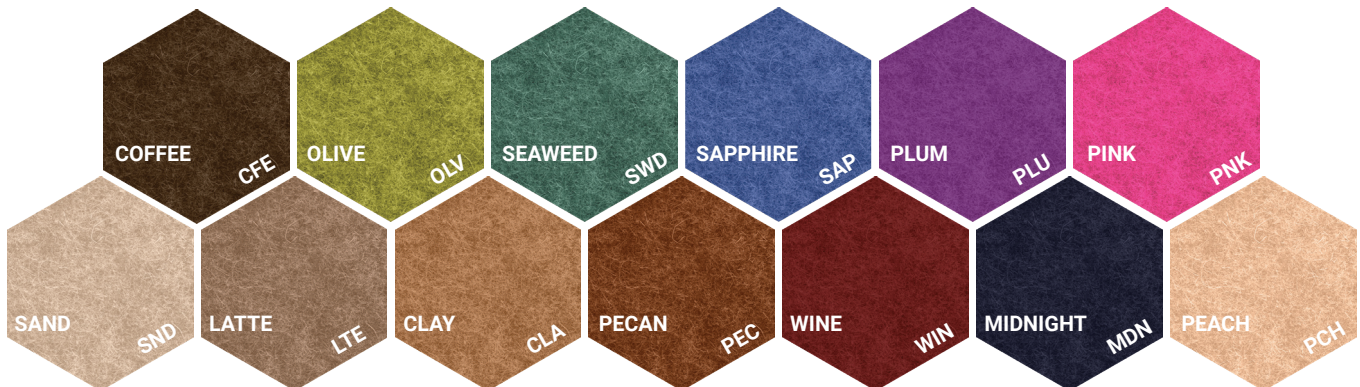


¹ Consult Factory
² No Light Source, please skip to material color
³ DIMTR available in 120V
* See last page for sensor options

QUICK SHIP COLORS



STANDARD COLORS



CUSTOM COLORS

Please consult factory for lead time and pricing.

OLS-DI-STANZA-SOFT-2-S-4-D1000L-U1000L-DIM10-MVOLT-40K-85

TEST NO.: **EL081815**

INPUT WATTS: **76**

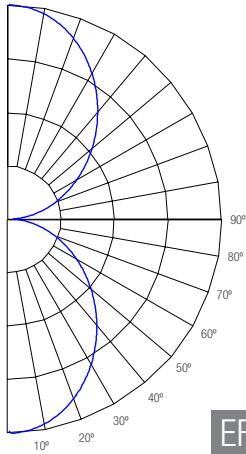
LUMENS: **8326**

CRI: **85**

EFFICACY: **110**

CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Fixt
0-30°	1199.64	N.A.
0-40°	1924.15	N.A.
0-60°	3288.36	N.A.
0-90°	4163.18	N.A.
0-180°	8326.37	N.A.

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	19753	20906	22163
45°	18172	19416	20850
55°	16650	17872	19306
65°	15376	16393	17640
75°	15109	15772	16893

Candela Tabulation

	0	45	90	180
0	1587.911	1587.911	1587.911	1587.911
25	1322.160	1355.780	1389.000	1329.110
45	883.230	934.760	990.970	894.720
65	444.950	477.600	515.930	456.560
85	83.270	86.920	93.100	91.350
90	33.110	28.640	20.360	33.110
130	782.340	825.120	878.470	769.900
145	1119.860	1160.660	1205.750	1110.310
165	1496.030	1508.430	1521.900	1493.220
175	1588.610	1588.750	1591.100	1590.300
180	1608.340	1608.340	1608.340	1608.340

Spacing Criteria

0-18	: N.A.
90-2	: N.A.
Diagonal	: N.A.

EFFICACY: 110 LM/W

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

RC	70%	50%	30%	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	10%	0%
0	107	107	107	107	99	99	83	70	83	69	57	56	49	56	50
1	98	86	86	86	80	80	73	60	61	57	47	48	43	41	
2	89	70	70	70	65	65	56	44	53	47	40	38	36	31	
3	81	58	58	58	54	54	45	39	47	40	34	31	28	25	
4	74	49	49	49	46	46	40	34	42	34	28	25	22	20	
5	68	42	42	42	40	40	35	30	37	30	25	22	20	18	
6	63	37	37	37	34	34	30	26	34	26	22	20	18	17	
7	59	32	32	32	30	30	27	23	31	23	20	18	17	16	
8	54	28	28	28	27	27	24	21	28	21	19	17	16	15	
9	50	25	25	25	24	24	21	19	26	19	17	16	15	14	
10	47	23	23	23	21	21	19	17	24	17	16	15	14	13	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

OLS-DI-STANZA-SOFT-2-S-4-D1000L-WW-U1000L-WW-DIM10-MVOLT-40K-85

TEST NO.: **EL081815**

INPUT WATTS: **76.3**

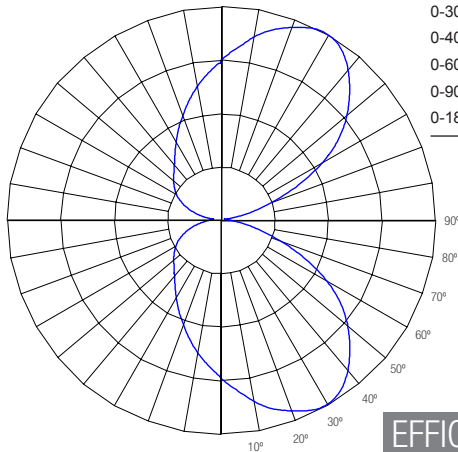
LUMENS: **8278**

CRI: **85**

EFFICACY: **108**

CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Fixt
0-30°	1047.28	12.70
0-40°	1752.00	21.20
0-60°	3199.88	38.70
0-90°	4139.19	50.10
0-180°	8278.37	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	40999	39838	22374
45°	40607	40193	20522
55°	34997	39001	18302
65°	24298	34384	15022
75°	17505	27434	10016

Candela Tabulation

	0	45	90	180
0	1292.846	1292.846	1292.846	1292.846
25	1734.480	1558.810	1141.660	807.150
45	1509.680	1466.930	823.870	537.300
65	770.200	858.320	402.780	364.300
85	79.450	124.510	202.470	226.560
90	35.190	45.690	45.460	89.280
130	1372.740	1345.170	8.080	55.390
145	1720.990	1590.350	748.010	498.840
165	1606.860	1501.800	1029.250	645.640
175	1398.140	1368.520	1253.860	999.930
180	1277.240	1277.240	1296.580	1195.710

Spacing Criteria

0-18	: N.A.
90-2	: N.A.
Diagonal	: N.A.

EFFICACY: 108 LM/W

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

RC	70%	50%	30%	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	10%	0%
0	107	107	107	107	99	99	83	70	83	69	57	56	49	56	50
1	98	85	85	85	80	80	73	60	61	57	47	48	43	41	
2	89	69	69	69	65	65	56	44	53	47	40	38	36	31	
3	81	57	57	57	54	54	45	39	47	40	34	31	28	25	
4	74	48	48	48	46	46	40	34	42	34	28	25	22	20	
5	67	41	41	41	39	39	35	30	37	30	25	22	20	18	
6	62	35	35	35	33	33	30	26	34	26	22	20	18	17	
7	57	31	31	31	29	29	27	23	31	23	20	18	17	16	
8	53	27	27	27	26	26	24	21	28	21	19	17	16	15	
9	49	24	24	24	23	23	21	19	26	19	17	16	15	14	
10	46	22	22	22	21	21	19	17	24	17	16	15	14	13	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

OLS-DI-STANZA-SOFT-4-S-4-D1000L-U1000L-BW-DIM10-MVOLT-40K-85

TEST NO.: **EL081815**

INPUT WATTS: **76.6**

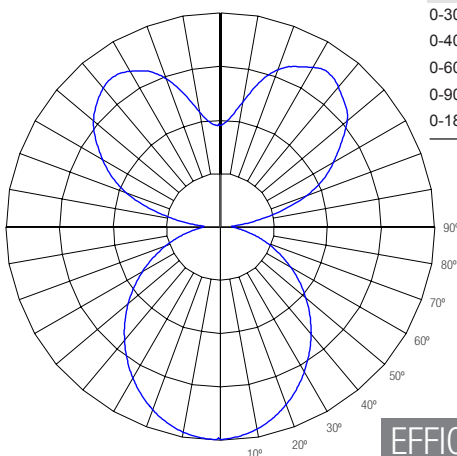
LUMENS: **8335**

CRI: **85**

EFFICACY: **109**

CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Fixt
0-30°	1180.17	14.20
0-40°	1907.46	22.90
0-60°	3310.83	39.70
0-90°	4253.63	51.00
0-180°	8335.08	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	10688	10873	11085
45°	10078	10301	10437
55°	9403	9612	9625
65°	8838	8880	8527
75°	11366	9974	7462

Candela Tabulation

	0	45	90	180
0	1546.766	1546.766	1546.766	1546.766
25	1317.980	1327.740	1345.400	1335.830
45	927.660	943.690	962.120	942.630
65	487.770	498.600	499.280	494.920
85	121.590	106.700	79.830	125.340
90	96.010	66.390	9.980	104.650
130	1204.320	1025.170	472.100	1168.810
145	1370.510	1118.380	592.150	1325.560
165	1069.610	898.090	708.870	1020.070
175	778.050	765.690	747.400	767.760
180	747.400	747.400	804.170	747.400

Spacing Criteria

0-18	: N.A.
90-2	: N.A.
Diagonal	: N.A.

EFFICACY: 109 LM/W

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

RC	70%	50%	30%	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	10%	0%
0	107	107	107	107	99	99	84	71	84	70	57	57	50	57	51
1	98	86	86	86	80	80	73	61	61	58	48	48	44	42	
2	89	70	70	70	65	65	56	44	53	47	40	38	36	31	
3	81	58	58	58	54	54	45	39	47	40	34	31	28	25	
4	74	49	49	49	46	46	40	34	42	34	28	25	22	20	
5	68	42	42	42	39	39	35	30	37	30	25	22	20	18	
6	62	36	36	36	34	34	30	26	34	26	22	20	18	17	
7	58	32	32	32	30	30	27	23	31	23	20	18	17	16	
8	54	28	28	28	26	26	24	21	28	21	19	17	16	15	
9	50	25	25	25	24	24	21	19	26	19	17	16	15	14	
10	47	22	22	22	21	21	19	17	24	17	16	15	14	13	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

1 Luminaire will be shipped with Powerpacks preinstalled, ready to be integrated to designated control systems

Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

3 Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

BRAND	EASYFIT by EnOcean	LUTRON	enlighted	LEVITON	OSRAM	PHILIPS EasySense	legrand®
CONTROL UNIT	<input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V ¹	<input type="checkbox"/> FCJS-0-10 Lutron Vive 0-10V Individual Control Models ^{1,4}	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit ^{1,5}	<input type="checkbox"/> ZL027 -NOW Intellect Power Control Module ^{1,6}	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module ^{1,7}	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver ^{1,8}	<input type="checkbox"/> LMFC-011 ON/ OFF/0-10V dimming fixture controller ^{1,9}
	<input type="checkbox"/> LEDDU LED Zone Controller 0-10V ¹	<input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Individual Control Models ^{1,4}		<input type="checkbox"/> ZL027 -DLE Intellect Power Control Module ^{1,6}	<input type="checkbox"/> EN-ALC-ZB-BK-DR Wireless Area Lighting Control Module ^{1,7}		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack ^{1,9}
INTEGRATED OCCUPANCY & DAYLIGHT SENSOR	N/A	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing ²	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be Specified with CU- 4E-FMH Control Unit) ²	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System ²	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS200 SNS200 for grouping ²	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor ²
			<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System ²	<input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM ²	<input type="checkbox"/> SNS300 SNS300 for networks ²	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor ²	
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted ³	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount 360° ,occupancy/vacancy sensor ³	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> ELLSU-W-E0 Light Level Sensor - Ceiling Mounted ³	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor ³	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	<input type="checkbox"/> LMDS-400 Single zone switching and dimming digital photosensor ³
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Independent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be specified with CU- 4E-FMH Control Unit) ³	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System (Must be specified with ZL027-NOW and ZL00J- DOW Control unit) ³	<input type="checkbox"/> EN-CLM- PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor <input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM (Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit) ³	<input type="checkbox"/> SNS200-CMP SNS-200 for Grouping ³	N/A
ACCESSORIES	N/A	N/A	<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier <input type="checkbox"/> CBL-5E-CU4-30N 30 inch Sensor cable for CU-4 and IoT Ready <input type="checkbox"/> CBL-5E-CU4-7F 7 Foot sensor cable for CU-4 and IoT Ready Driver	N/A	N/A	N/A	N/A
NOTES	N/A	4- Luminaire will be compatible with LUTRON LRF2-OCR2B-PWH Ceiling mount 360deg occupancy/ vacancy sensor & LRF2- DCRB-WH ceiling mount daylight sensor. Sensors must be orderd through Lutron	5- Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU- 5E-IL, SU-5SH, Sensors	6- Luminaire will be compatible with LEVITON I ntellect APP & Keypad room controller	7- Luminaire will be compatible with EN-SCPPH-1500-ZB Wireless passive infrared occupancy and photo sensor	8- Luminaire will be compatible with philips field and wireless switch	9- Luminaire will be compatible with DLM Room control system LMPB-100. . Sensors must be orderd through Legrand.