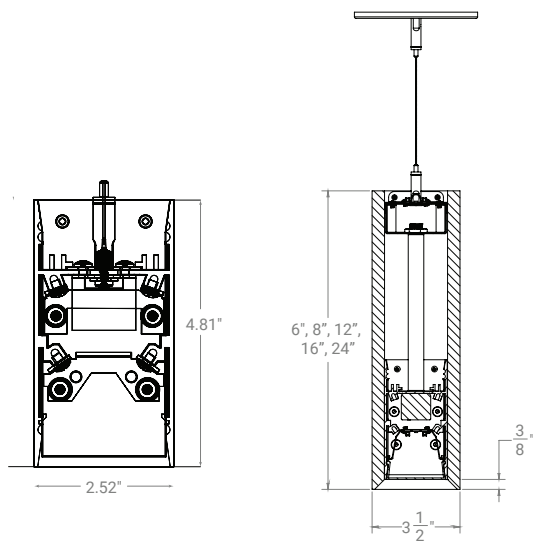
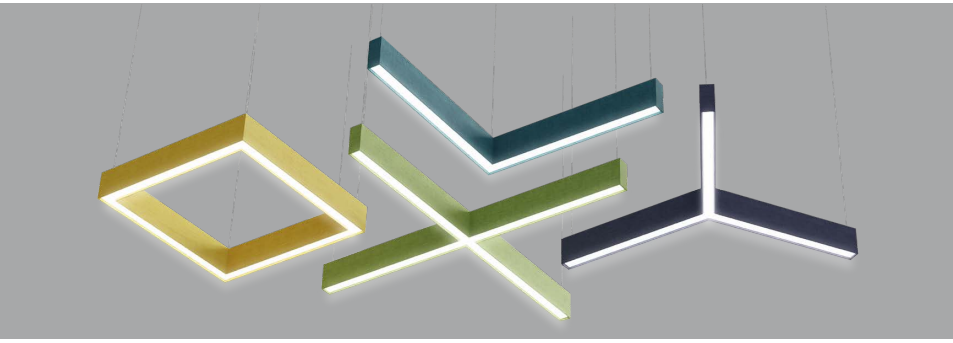
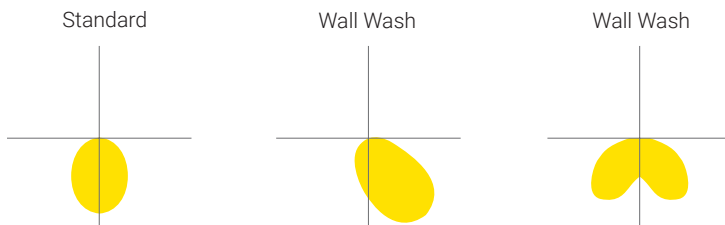




LUMENS/FT	WATTS/FT
2000	17.5
1500	12.7
1250	10.5
1000	8.2
750	6.5
500	4.5

DISTRIBUTION PATTERNS



FEATURES

Stanza from our SoftSense collection offers an aesthetically pleasing source of illumination, while providing the solution to high noise levels found in open, multi-functional spaces. The sound absorbing material consists of 2 layers of 5mm 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	2", 4"
LENGTHS	2', 4', 6', 8', Continuous with 1" Increments
HEIGHTS	6", 8", 12", 16", 24"
DISTRIBUTION PATTERNS	Standard, Wall Wash, Batwing
CONFIGURATION PATTERNS & LENGTHS	Custom
MOUNTING	Suspended
MATERIAL COLORS	Refer to SoftSense Material Color Chart
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, DIMST, ELD010.1, ELD0DMX.1, DALI.1
EMERGENCY	10W - Up to 1000L Output 20W - Up to 2000L Output * EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



*only available in 4" width

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 is made from 100% polyethylene terephthalate (PET), with 50% post-consumer recycled material. PET is a green product manufactured free of added chemicals, binders, adhesives and 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 - 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.

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

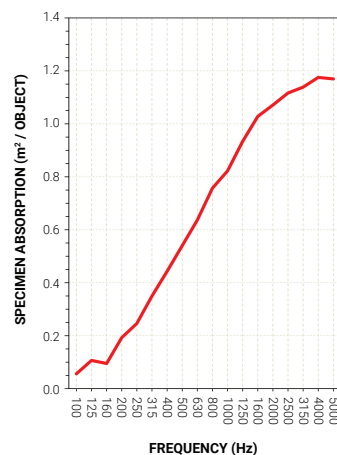
Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple hassle-free continuous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

SOUND ABSORPTION RESULTS

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

A - spaced 12" on center

B - spaced 18" on center



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.

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only.

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.

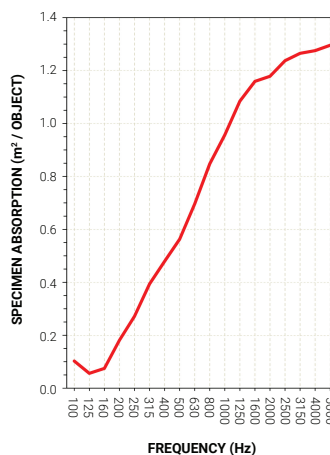
UL Listed for Damp location

MAINTENANCE

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

OPTIONS

Available without light source.



OLS-D-VERSE-SOFT

SERIES

OLS-D-VERSE-SOFT
SoftSense Suspended
LED Linear

2

WIDTH

2 - 2"

SHAPE

X - X
T - T
L - L
Y - Y
REC - Rectangle
CUS - Custom
(Consult Factory)

HEIGHT

6 - 6 in.
8 - 8 in.
12 - 12 in.
16 - 16 in.
24 - 24 in.

LUMENS

500L - per ft.
750L - per ft.
1000L - per ft.
1250L - per ft.
1500L - per ft.
NLS - no light source

DISTRIBUTION

(blank) - Standard
WW - Wall Wash

DIMMING

DIM10 - 0-10V Dimming
DIMST - Step Dimming
LUTH - Lutron HiLum
LUTZW - Lutron 2- Wire
ELD010.1 - EldoLED 0-10V
DALI.1 - EldoLED DALI Type 8
ELDODMX.1 - EldoLED DMX

VOLTAGE

120
277
MVOLT
347*

CRI

85
90

COLOR

reference Softsense
material color chart
example:
AP - apple green

CCT

27K
30K
35K
40K
50K

EMERGENCY

0-EMG-LED-10W
0-EMG-LED-G2-10W-SDT

OTHER OPTIONS

FBF - Internal Fast Blow Fuse
SBF - Internal Slow Blow Fuse
RIS - Radio Interf. Sensor
USA - Made in America Compliant
OC6SS - Aircraft Cable

X - 1' / 2'

1' / 2'

T - 2' / 2'

2'

L - 2' / 3' / 4'

2' / 3' / 4'

Y - 3' / 4'

Diameter: 3' / 4'

Rectangle

W

L

Custom

WIDTH

LENGTH

DRAW YOUR CUSTOM SHAPE HERE

*Contact company for any custom shape

Please consult factory for lead time and pricing.

*Contact company for
any custom shape

- LUT2W available in 120V
 - ELDO10, ELDODMX, LUTH available 120-277
- * Consult Factory
* See last page for sensor options

OLS-D-STANZA-SOFT-2-S-4-D750L-DIM10-MVOLT-40K-85

INPUT WATTS: **27**

LUMENS: **3042**

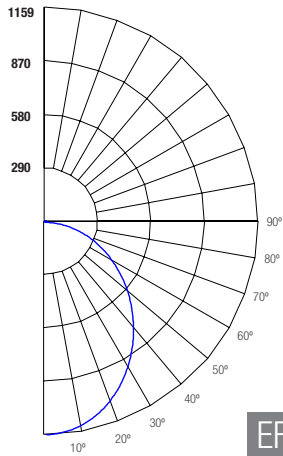
CRI: **85**

EFFICACY: **113**

CCT: **4000K**

TEST NO.: **EL081811**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	867.19	28.50	28.50
0-40°	1394.29	45.80	45.80
0-60°	2382.03	78.30	78.30
0-90°	3010.49	98.90	99.00
0-180°	3042.13	100.00	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	15844	14976	14258
45°	15844	14976	14258
55°	14896	13902	13092
65°	13973	12937	12131
75°	12587	11689	11017
85°	11742	11027	10542

Candela Tabulation

	0	45	90
0	1157.13	1157.13	1157.13
5	1148.97	1147.74	1147.74
15	1096.82	1086.31	1078.26
25	998.43	975.07	955.13
35	864.91	830.35	801.53
45	708.41	669.61	637.50
55	540.28	504.22	474.84
65	373.41	345.71	324.17
75	206.00	191.31	180.31
85	64.71	60.77	58.10
90	8.26	9.26	9.92

Spacing Criteria

0-180	: 1.22
90-270	: 1.16
Diagonal	: 1.3

EFFICACY: 113 LM/W

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

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	87	83	80	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	71	67	64	78	74	71	69
3	90	80	71	65	87	78	70	64	75	68	63	58	54	51	69	65	61	58
4	83	71	62	55	80	69	61	55	67	59	54	49	45	42	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	42	38	35	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	36	32	29	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	31	27	24	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	28	24	21	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	25	21	18	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	22	18	15	37	31	27	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

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

INPUT WATTS: **38.1**

LUMENS: **4163**

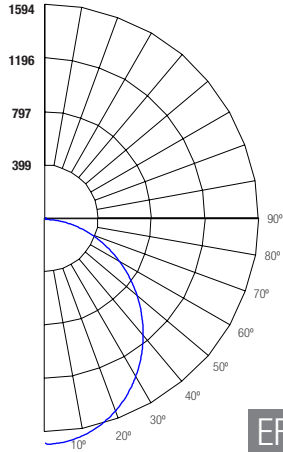
CRI: **85**

EFFICACY: **109**

CCT: **4000K**

TEST NO.: **EL081815**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1189.77	28.60	28.60
0-40°	1908.1	45.80	45.80
0-60°	3259.33	78.30	78.30
0-90°	4119.56	99.00	99.00
0-180°	4163.00	100.00	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	21822	20557	19573
45°	21822	20557	19573
55°	20499	19063	17990
65°	18997	17519	16455
75°	17290	16014	15136
85°	16095	15093	14563

Candela Tabulation

	0	45	90
0	1588.334	1588.334	1588.334
5	1584.100	1578.230	1576.730
15	1511.610	1492.910	1480.760
25	1375.910	1339.440	1311.160
35	1191.740	1139.840	1100.770
45	975.700	919.140	875.140
55	743.480	691.410	652.480
65	507.670	468.160	439.740
75	282.960	262.080	247.720
85	88.700	83.180	80.260
90	10.850	12.490	14.070

Spacing Criteria

0-180	: 1.22
90-270	: 1.16
Diagonal	: 1.3

EFFICACY: 109 LM/W

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

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	87	83	80	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	71	67	64	78	74	71	69
3	90	80	71	65	87	78	70	64	75	68	63	58	54	51	69	65	61	58
4	83	71	62	55	80	69	61	55	67	60	54	49	45	42	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	42	38	35	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	36	32	29	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	31	27	24	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	28	24	21	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	25	21	18	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	22	18	15	37	31	27	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

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

INPUT WATTS: **38.1**

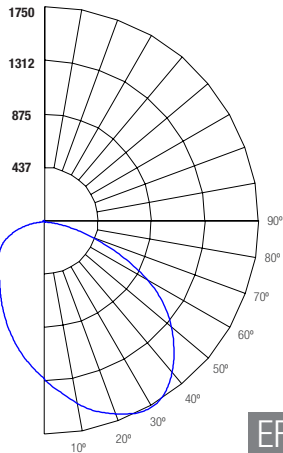
LUMENS: **4134**

CRI: **85**

EFFICACY: **109**

CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1037.92	25.10	25.10
0-40°	1736.47	42.00	42.00
0-60°	3169.87	76.70	76.70
0-90°	4083.58	98.80	98.80
0-180°	4134.47	100.00	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	18869	32824	33644
45°	18869	32824	33644
55°	17376	32795	33323
65°	15137	31570	28666
75°	12400	27097	19678
85°	7984	20382	13293

Candela Tabulation

	0	45	90
0	1280.719	1280.719	1280.719
5	1284.620	1357.100	1386.590
15	1242.170	1491.500	1597.080
25	1153.210	1564.260	1726.410
35	1019.980	1583.000	1714.380
45	843.700	1467.650	1504.310
55	630.210	1189.440	1208.590
65	404.510	843.650	766.060
75	202.940	443.470	322.050
85	44.000	112.330	73.260
90	4.070	21.980	17.600

Spacing Criteria

0-180	: 1.28
90-270	: 1.82
Diagonal	: 1.5

EFFICACY: 109 LM/W

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

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	87	83	80	88	86	84	82
2	98	90	83	77	95	88	81	76	84	78	74	70	66	63	77	73	70	68
3	89	78	70	63	87	77	69	63	73	67	61	57	53	50	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	47	43	40	60	55	50	48
5	75	62	52	46	72	60	52	45	58	50	45	40	36	33	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	34	30	27	49	43	38	36
7	64	50	41	35	62	49	41	35	47	40	34	29	25	22	44	38	34	32
8	59	45	37	31	58	45	36	31	43	36	30	25	21	18	41	35	30	28
9	55	42	33	28	54	41	33	28	40	32	27	22	18	15	37	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	20	16	13	35	29	24	23

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

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

2 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	☐ LEDRU LED Relay Zone Controller 0-10V ¹	☐ FCJS-0-10 Lutron Vive 0-10V Individual Control Models ^{1,4}	☐ CU-4E-FMH Fixture Mount Control Unit ^{1,5}	☐ ZL027 -NOW Intellect Power Control Module ^{1,6}	☐ EN-WCM2-ZB-DR Wireless Control Module ^{1,7}	☐ XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver ^{1,8}	☐ LMFC-011 ON/ OFF/0-10V dimming fixture controller ^{1,9}
	☐ LEDDU LED Zone Controller 0-10V ¹	☐ FCJS-ECO Lutron Vive Eco-system Individual Control Models ^{1,4}		☐ ZL027 -DLE Intellect Power Control Module ^{1,6}	☐ EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module ^{1,7}		☐ FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack ^{1,9}
INTEGRATED OCCUPANCY& DAYLIGHT SENSOR	N/A	☐ DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing ²	☐ SU-5E-IoT IoT Node Micro Sensor ☐ SU-5E-CL Connected Micro Sensor ☐ SU-5E-IL Independent Micro Sensor ☐ SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be Specified with CU- 4E-FMH Control Unit) ²	☐ ZL00J -TOW Intellect Intelligent Fixture Control System ²	☐ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	☐ SNS200 SNS200 for grouping ²	☐ FD-301 Fixture integrated Daylight Dimming Sensor ²
			N/A	☐ ZL00J-DOW Intellect Intelligent Fixture Control System ²	☐ ZBHA- CLM-DIM-ENC Connected Lighting Module DIM ²	☐ SNS300 SNS300 for networks ²	☐ FS-205 Fixture integrated passive infrared occupancy sensor ²
*WIRELESS OCCUPANCY SENSOR	☐ EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted ³	☐ LRF2-OCR2B-P-WH Ceiling mount 360° ,occupancy/vacancy sensor ³	N/A	N/A	☐ EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	☐ LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³
*WIRELESS DAYLIGHT SENSOR	☐ ELLSU-W-E0 Light Level Sensor - Ceiling Mounted ³	☐ LRF2-DCRB-WH Ceiling-mount daylight sensor ³	N/A	N/A	☐ EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	☐ LMDS-400 Single zone switching and dimming digital photosensor ³
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	☐ SU-5E-IoT IoT Node Micro Sensor ☐ SU-5E-CL Connected Micro Sensor ☐ SU-5E-IL Independent Micro Sensor ☐ SU-5S-H(IoT/CL/IL) Surface Mount Sensor (Must be specified with CU- 4E-FMH Control Unit) ³	☐ ZL00J -TOW Intellect Intelligent Fixture Control System ☐ ZL00J-DOW Intellect Intelligent Fixture Control System (Must be specified with ZL027-NOW and ZL00J- DOW Control unit) ³	☐ EN-CLM- PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor ☐ 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	☐ SNS200-CMP SNS-200 for Grouping ³	N/A
ACCESSORIES	N/A	N/A	☐ TMC-SU-5E Tile Mount Carrier ☐ CBL-5E-CU4-30N 30 inch Sensor cable for CU-4 and IoT Ready ☐ 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.