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 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.

3.26"

6", 8", 12", 16"

2' - 12'

0.35"

2.56"

LUMENS PER FOOT	500, 750, 1000, 1200, 1500, 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"
LENGTHS	2', 4', 6', Custom[1]
HEIGHTS	6", 8", 12", 16"
DISTRIBUTION PATTERNS	Standard
CONFIGURATION PATTERNS & LENGTHS	X
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 EMG-LED-10W-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

DISTRIBUTION PATTTERN
Direct/Indirect:
Standard
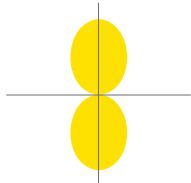
LUMENS/FT	WATTS/FT
1500	12.7
1250	10.5
1000	8.2
750	6.5
500	4.5

2016 TITLE 24 PART 6

DLC QPL LISTED

c UL us LISTED

CERTIFIED RECYCLED CONTENT

PROUDLY ASSEMBLED in AMERICA

5 YEARS LIMITED WARRANTY

DAMP LOCATION

04.17.23

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 - 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.

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.
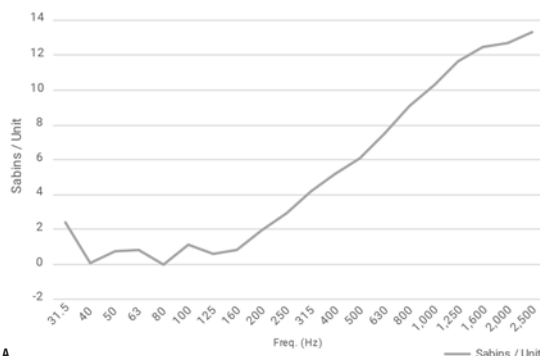
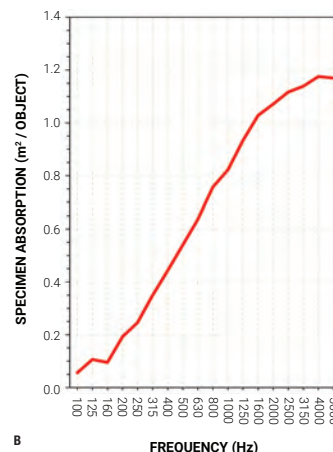## SOUND ABSORPTION RESULTS   (from left to right)
A - acoustic performance
Felt Fixtures, alternating with / without light fixtures (8 units total)
B - spaced 12" on center
B - spaced 18" on center
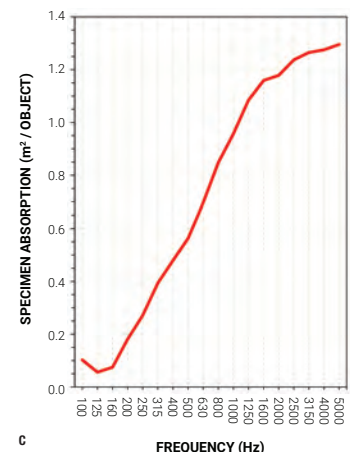
LED DYNAMIC PLATFORM OPTIONS

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.
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)
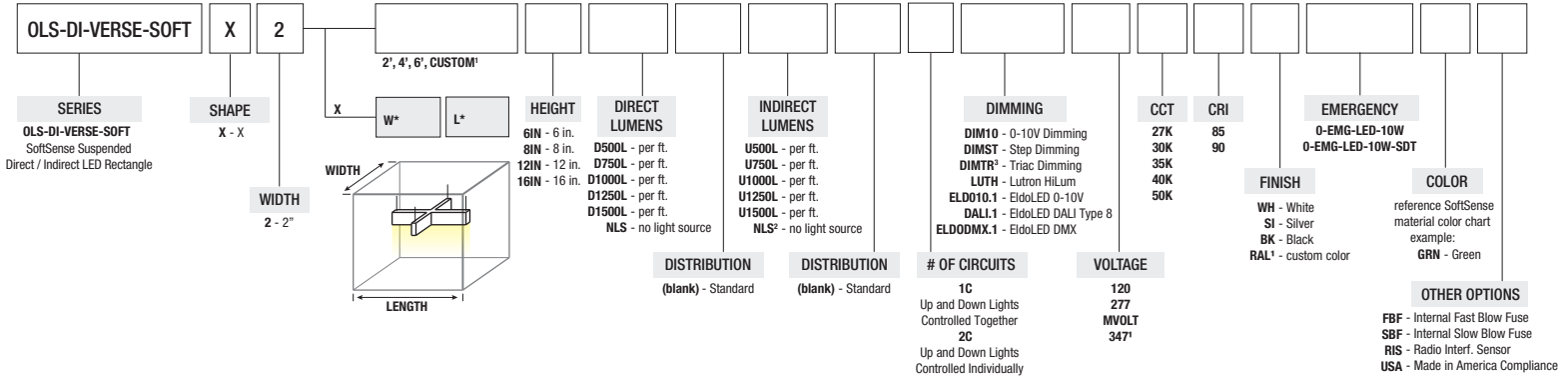**B** - spaced 12" on center
C - spaced 18" on center

A

B

C

04.17.23

Example: OLS-DI-VERSE-SOFT-X-2-46-12IN-D500L-U500L-1C-DIM10-MVOLT-35K-85-BK-GRN

| OLS-DI-VERSE-SOFT | X | 2 | | | | | | | | | |

SERIES	SHAPE
OLS-DI-VERSE-SOFT SoftSense Suspended Direct / Indirect LED Rectangle	**X** - X

2', 4', 6', CUSTOM¹

| X | W* | L* |

WIDTH
2 - 2"

WIDTH / LENGTH (diagram)

HEIGHT
6IN - 6 in.
8IN - 8 in.
12IN - 12 in.
16IN - 16 in.

DIRECT LUMENS
D500L - per ft.
D750L - per ft.
D1000L - per ft.
D1250L - per ft.
D1500L - per ft.
NLS - no light source

INDIRECT LUMENS
U500L - per ft.
U750L - per ft.
U1000L - per ft.
U1250L - per ft.
U1500L - per ft.
NLS² - no light source

DIMMING
DIM10 - 0-10V Dimming
DIMST - Step Dimming
DIMTR³ - Triac Dimming
LUTH - Lutron HiLum
ELD010.1 - EldoLED 0-10V
DALI.1 - EldoLED DALI Type 8
ELDODMX.1 - EldoLED DMX

CCT
27K
30K
35K
40K
50K

CRI
85
90

EMERGENCY
0-EMG-LED-10W
0-EMG-LED-10W-SDT

DISTRIBUTION
(blank) - Standard

DISTRIBUTION
(blank) - Standard

OF CIRCUITS
1C Up and Down Lights Controlled Together
2C Up and Down Lights Controlled Individually

VOLTAGE
120
277
MVOLT
347¹

FINISH
WH - White
SI - Silver
BK - Black
RAL¹ - custom color

COLOR
reference SoftSense material color chart example: **GRN** - Green

OTHER OPTIONS
FBF - Internal Fast Blow Fuse
SBF - Internal Slow Blow Fuse
RIS - Radio Interf. Sensor
USA - Made in America Compliance

¹ Consult Factory
² No Light Source, please skip to material color
³ DIMTR available in 120V
* measurement will indicate luminaire size without acoustic wrapping (acoustic will add a total of 0.7" to total indicated size - 0.35" to each side)

Natural Print Patterns
Thickness: 8.5 mm / 0.33" (+/- 0.5 mm)

WOOD 3 (WD3), WOOD 1 (WD1), WOOD 2 (WD2), WOOD 4 (WD4), WHITE MARBLE (WMB), GRAY MARBLE (GMB)

Declare.
Label Pending

SOFTSENSE MATERIAL COLOR CHART
Panel Thickness: 9 mm / 0.35" (+/- 0.5 mm)
ASTM E84-16 Fire Rated*

PURE (PUR), STONE (STN), GRAVEL (GRV), ABYSS (ABS), GRAY NOISE (NSE)

LATTE (LTE), SAND (SND), BONE (BNE), PEACH (PCH), CLAY (CLA), PECAN (PEC), COFFEE (CFE)

GREIGE (GRG), WARM GRAY (WGR), SUNSHINE (SUN), ORANGE (ORA), PASSION (PAS), WINE (WIN)

SKY BLUE (SBL), SAPPHIRE (SAP), NAVY (NVY), PLUM (PLU), EGGPLANT (EGP), PINK (PNK)

MIDNIGHT (MDN), DARK TEAL (DTL), SEAWEED (SWD), OLIVE (OLV), GREEN (GRN)

CERTIFIED RECYCLED CONTENT

¹quick ship available for any color depending on order quantity. Please consult factory.
*all colors are ASTM E84-16 fire rated, select colors are available as Class A

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Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

04.17.24

OLS-D-VERSE-SOFT-X-2-22-500L-DIM10-MVOLT-40K-85

TEST NO.: **EL0922133**
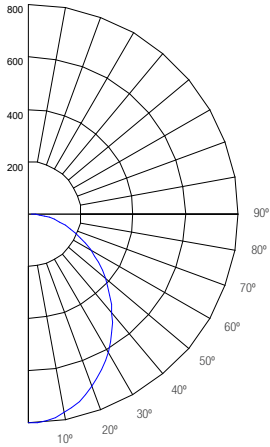
INPUT WATTS: **19.3** LUMENS: **2080** CRI: **85** EFFICACY: **108** CCT: **4000K**

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	598.52	NA	28.80
0 - 40°	959.28	NA	46.10
0 - 60°	1632.61	NA	78.50
0 - 90°	2057.66	NA	98.90
0 - 180°	2080.14	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	10440	10925	11511
55°	9568	10093	10737
65°	8746	9211	9933
75°	7948	8215	8646
85°	7862	7544	7508

Candela Tabulation

	0	45	90
0	800	800	800
5	793	793	793
15	745	749	756
25	659	672	687
35	553	572	593
45	439	460	484
55	327	345	367
65	220	232	250
75	122	127	133
85	41	39	39
90	9	6	2

Spacing Criteria

0 - 180	1.16
90 - 270	1.20
Diagonal	1.30

EFFICACY: **108 LM/W**

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

RC	80%				70%				50%			30%			10%		0%
RW	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	93	90	88	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	40	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

RC - Ceiling Cavity Reflectance   RW - Wall Reflectance

OLS-D-VERSE-SOFT-X-2-22-750L-DIM10-MVOLT-40K-85

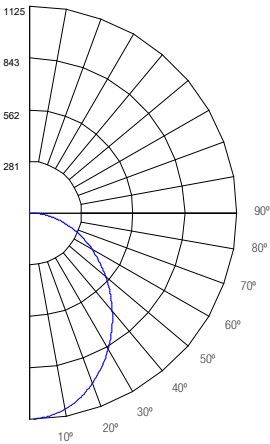TEST NO.: **EL0922124**

INPUT WATTS: **26.4** LUMENS: **2951** CRI: **85** EFFICACY: **112** CCT: **4000K**

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	841.17	NA	28.50
0 - 40°	1352.46	NA	45.80
0 - 60°	2310.57	NA	78.30
0 - 90°	2920.17	NA	99.00
0 - 180°	2950.87	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	15368	14527	13830
55°	14450	13485	12699
65°	13554	12548	11767
75°	12209	11339	10687
85°	11389	10696	10226

Candela Tabulation

	0	45	90
0	1122	1122	1122
5	1115	1113	1113
15	1064	1054	1046
25	968	946	926
35	839	805	777
45	687	650	618
55	524	489	461
65	362	335	314
75	200	186	175
85	63	59	56
90	8	9	10

Spacing Criteria

0 - 180	1.22
90 - 270	1.16
Diagonal	1.30

EFFICACY: **112 LM/W**

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

RC	80%				70%				50%			30%			10%		0%
RW	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	93	90	88	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	40	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

RC - Ceiling Cavity Reflectance   RW - Wall Reflectance

OLS-D-VERSE-SOFT-X-2-22-1000L-DIM10-MVOLT-40K-85
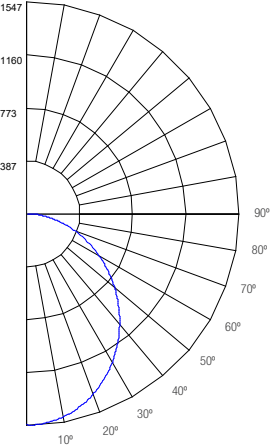
TEST NO.: **EL0922198**

INPUT WATTS: **37.1** LUMENS: **4038** CRI: **85** EFFICACY: **109** CCT: **4000K**

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	1154.07	NA	28.60
0 - 40°	1850.86	NA	45.80
0 - 60°	3161.55	NA	78.30
0 - 90°	3995.97	NA	99.00
0 - 180°	4038.11	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	A 90°
45°	21167	19940	18985
55°	19884	18491	17450
65°	18427	16993	15962
75°	16771	15533	14682
85°	15612	14640	14126

Candela Tabulation

e	0	45	90
0	1541	1541	1541
5	1537	1531	1529
15	1466	1448	1436
25	1335	1299	1272
35	1156	1106	1068
45	946	892	849
55	721	671	633
65	492	454	427
75	274	254	240
85	86	81	78
90	11	12	14

Spacing Criteria

0 - 180	1.22
90 - 270	1.16
Diagonal	1.30

EFFICACY: **109 LM/W**

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

RC	80%				70%				50%			30%			10%		0%
RW	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	93	90	88	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	40	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

RC - Ceiling Cavity Reflectance   RW - Wall Reflectance

04.17.23

1 Luminaire will be shipped with Powerpacks preinstalled, ready to be integrated to designated contol 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	❏ LEDRU LED Relay Zone Controller 0-10V [1] ❏ LEDDU LED Zone Controller 0-10V [1]	❏ FCJS-0-10 Lutron Vive 0-10V Individual Control Models [1 4] ❏ FCJS-ECO Lutron Vive Eco-system Individual Control Models [1 4]	❏ CU-4E-FMH Fixture Mount Control Unit [1 5]	❏ ZL027 –N0W Intellect Power Control Module [1 6] ❏ ZL027 –DLE Intellect Power Control Module [1 6]	❏ EN-WCM2-ZB-DR Wireless Control Module [1 7] ❏ EN- ALC-ZB-BK-DR Wireless Area Lighting 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] ❏ FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack [1 9] ❏ LMFS-601 Integrated Fixture Sensor & Controller
INTEGRATED OCCOPANCY& 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 Indipendent Micro Sensor ❏ SU-5S-H(IoT/CL/IL) Serface Mount Sensor (Must be Specified with CU-4E-FMH Control Unit) [2]	❏ ZL00J -T0W Intellect Intelligent Fixture Control System [2] ❏ ZL00J-D0W Intellect Intelligent Fixture Control System [2]	❏ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor ❏ ZBHA-CLM-DIM-ENC Connected Lighting Module DIM [2]	❏ SNS200 SNS200 for grouping [2] ❏ SNS300 SNS300 for networks [2]	❏ FD-301 Fixture integrated Daylight Dimming Sensor [2] ❏ FS-205 Fixture integrated passive infrared occupancy sensor [2]
*WIRELESS OCCUPANCY SENSOR	❏ EOSCU-W-EO Occupancy Sensor - Ceiling Mounted [3]	❏ LRF2-OCR2B-P-WH Ceiling mount360° ,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-EO 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	❏ LMLS-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 Indipendent Micro Sensor ❏ SU-5S-H(IoT/CL/IL) Serface Mount Sensor (Must be specified with CU-4E-FMH Control Unit) [3]	❏ ZL00J -T0W Intellect Intelligent Fixture Control System ❏ ZL00J-D0W Intellect Intelligent Fixture Control System (Must be specified with ZL027-NOW and ZL00J-D0W 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 1inch 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 compatiable with philips field and wireless switch	9- Luminaire will be compatiable with DLM Room control system LMPB-100. . Sensors must be orderd through Legrand.