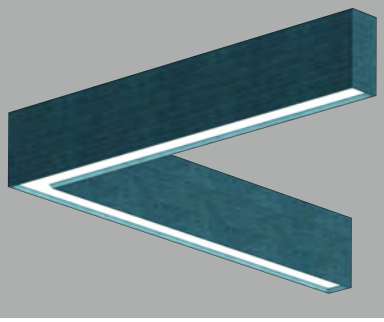
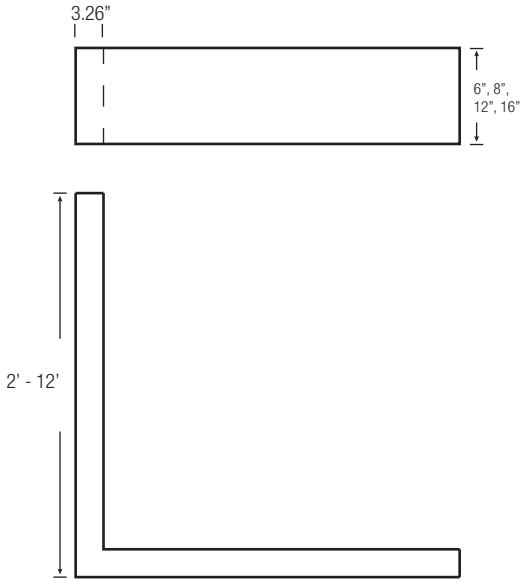
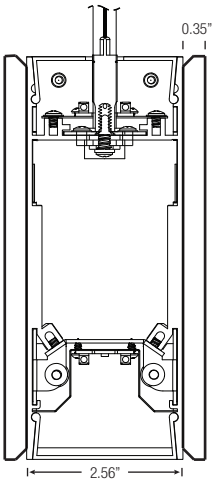
ORACLE LIGHTING
By Elite Lighting

OLS-DI-VERSE-SOFT 2”

SoftSense Suspended LED L - Direct / Indirect







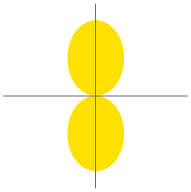
FEATURES

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, 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	L
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

PROUDLY ASSEMBLED in AMERICA

5 YEARS LIMITED WARRANTY

DAMP LOCATION

04.17.23

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.

OLS-DI-VERSE-SOFT 2”

SoftSense Suspended LED L - Direct / Indirect

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

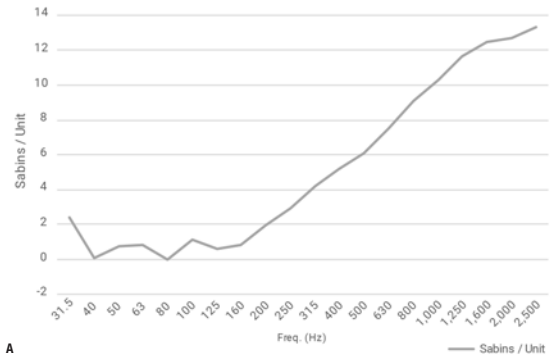
c-UL-us - Listed for Feed Through Wiring.
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.
UI Listed for Damp location

MAINTENANCE

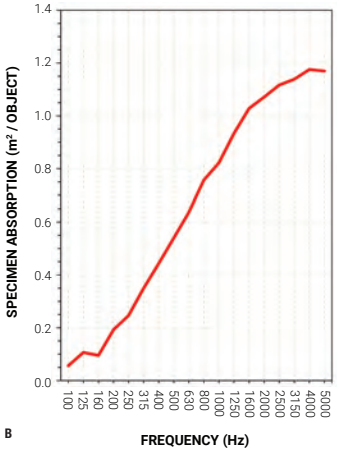
Acoustic material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

SOUND ABSORPTION RESULTS (from left to right)

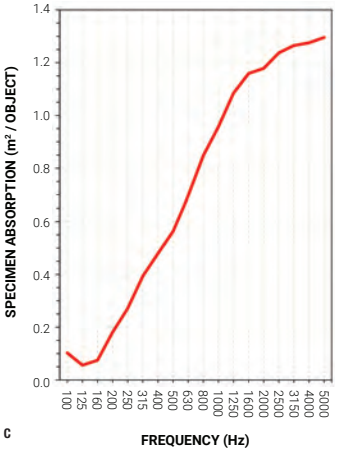
A - acoustic performance
Felt Fixtures, alternating with / without light fixtures (8 units total)
B - spaced 12" on center
C - spaced 18" on center



A



B



C

04.17.23

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OLS-DI-VERSE-SOFT 2”

SoftSense Suspended LED L - Direct / Indirect

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

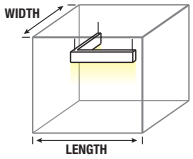
OLS-DI-VERSE-SOFT	L	2	2’, 4’, 6’, CUSTOM[1]	HEIGHT	DIRECT LUMENS	DISTRIBUTION	INDIRECT LUMENS	DISTRIBUTION	# OF CIRCUITS	DIMMING	VOLTAGE	CCT	CRI	FINISH	EMERGENCY	COLOR	OTHER OPTIONS
SERIES	SHAPE	WIDTH	L W* L*														

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

SHAPE
L - L

WIDTH
2 - 2”

L W* L*



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

DISTRIBUTION
(blank) - Standard

INDIRECT LUMENS
U500L - per ft.
U750L - per ft.
U1000L - per ft.
U1250L - per ft.
U1500L - per ft.
NLS[2] - no light source

DISTRIBUTION
(blank) - Standard

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

DIMMING
DIM10 - 0-10V Dimming
DIMST - Step Dimming
DIMTR[3] - Triac Dimming
LUTH - Lutron HiLum
ELD010.1 - EldoLED 0-10V
DALI.1 - EldoLED DALI Type 8
ELDODMX.1 - EldoLED DMX

VOLTAGE
120
277
MVOLT
347[1]

CCT
27K
30K
35K
40K
50K

CRI
85
90

FINISH
WH - White
SI - Silver
BK - Black
RAL[1] - custom color

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

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)

04.17.25

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STANDARD COLORS

Panel Thickness: 9 mm / 0.35" (+/- 0.25 mm)

All panels ASTM E84-16 Fire Rated

PURE PUR	STONE STN	BONE BNE	PEACH PCH
GRAY NOISE NSE	GREIGE GRG	SAND SND	ORANGE ORA
PEBBLE PEB	FOG FOG	DUST DST	BRASS BRS
GRAVEL GRV	WARM GRAY WGR	LATTE LTE	BRONZE BRZ
SHADOW SHD	HIPPO HIP	CLAY CLA	RUST RST
ASPHALT ASP	PERIWINKLE PRW	KELP KLP	PECAN PEC
ABYSS ABS	SKY BLUE SBL	CROCODILE CRC	FIG FIG
NIGHT NIT	SAPPHIRE SAP	SAGE SGE	EGGPLANT EGP
MIDNIGHT MDN	NAVY NVY	PISTACHIO PST	AMETHYST AME
EVERGREEN EVG	SEAWEED SWD	MATCHA MCH	PLUM PLU
MOSS MOS	BAY BAY	OLIVE OLV	CABBAGE CBG
COFFEE CFE	SEA SEA	GREEN GRN	PINK PNK
WINE WIN	DARK TEAL DTL	SUNSHINE SUN	PASSION PAS

STANDARD PRINTS

Panel Thickness: 8.5 mm / 0.34" (+/- 0.5 mm)

prints shown at 12% scale

Declare.

Label Pending

ASTM-E84

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

05.17.24

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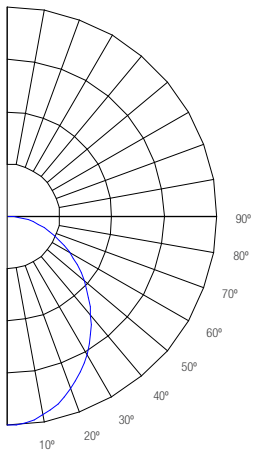
OLS-D-VERSE-SOFT-L-2-22-500L-DIM10-MVOLT-40K-85

TEST NO.: **EL0922138**

INPUT WATTS: **10.3** LUMENS: **1072** CRI: **85** EFFICACY: **104** CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	308.52	NA	28.80
0 - 40°	494.48	NA	46.10
0 - 60°	841.55	NA	78.50
0 - 90°	1060.65	NA	98.90
0 - 180°	1072.24	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	5381	5631	5934
55°	4932	5202	5535
65°	4508	4748	5120
75°	4097	4234	4457
85°	4052	3889	3870

Candela Tabulation

	0	45	90
0	412	412	412
5	409	409	409
15	384	386	390
25	340	347	354
35	285	295	306
45	226	237	250
55	168	178	189
65	113	119	129
75	63	65	69
85	21	20	20
90	5	3	1

Spacing Criteria

0 - 180	1.16
90 - 270	1.20
Diagonal	1.30

EFFICACY: **104 LM/W**

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

ROOM CAVITY RATIO	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

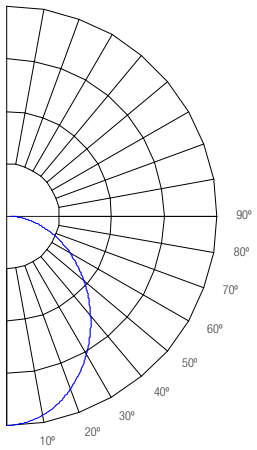
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

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

TEST NO.: **EL09221289**

INPUT WATTS: **14.4** LUMENS: **1521** CRI: **85** EFFICACY: **106** CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	433.59	NA	28.50
0 - 40°	697.14	NA	45.80
0 - 60°	1191.01	NA	78.30
0 - 90°	1505.24	NA	99.00
0 - 180°	1521.07	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	7922	7488	7129
55°	7448	6951	6546
65°	6987	6468	6065
75°	6294	5845	5509
85°	5871	5513	5271

Candela Tabulation

	0	45	90
0	579	579	579
5	574	574	574
15	548	543	539
25	499	488	478
35	432	415	401
45	354	335	319
55	266	248	233
65	187	173	162
75	103	96	90
85	32	30	29
90	4	5	5

Spacing Criteria

0 - 180	1.22
90 - 270	1.16
Diagonal	1.30

EFFICACY: **106 LM/W**

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

ROOM CAVITY RATIO	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

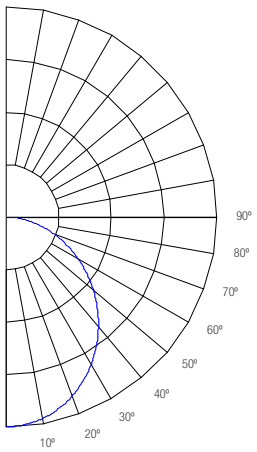
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

OLS-D-VERSE-SOFT-L-2-22-1000L-DIM10-MVOLT-40K-85

TEST NO.: **EL0922198**

INPUT WATTS: **18.1** LUMENS: **2082** CRI: **85** EFFICACY: **115** CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	594.88	NA	28.60
0 - 40°	954.05	NA	45.80
0 - 60°	1629.66	NA	78.30
0 - 90°	2059.78	NA	99.00
0 - 180°	2081.5	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	10911	10278	9786
55°	10249	9532	8995
65°	9499	8769	8228
75°	8645	8007	7568
85°	8047	7547	7282

Candela Tabulation

	0	45	90
0	794	794	794
5	792	789	788
15	756	746	740
25	688	670	656
35	596	570	550
45	488	460	438
55	372	346	326
65	254	234	220
75	141	131	124
85	44	42	40
90	5	6	7

Spacing Criteria

0 - 180	1.22
90 - 270	1.16
Diagonal	1.30

EFFICACY: **115 LM/W**

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

ROOM CAVITY RATIO	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
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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

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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]	❑ FCJS-0-10 Lutron Vive 0-10V Individual Control Models [1 4]	❑ CU-4E-FMH Fixture Mount Control Unit [1 5]	❑ ZL027 –N0W 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 [19]
	❑ 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] ❑ 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]	❑ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	❑ SNS200 SNS200 for grouping [2]	❑ FD-301 Fixture integrated Daylight Dimming Sensor [2]
				❑ ZL00J-D0W 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-EO Occupancy Sensor - Ceiling Mounted [3]	❑ LRF2-OCR2B-P-WH Ceiling mount360° ,occupancy/vacancy sensor [3]	N/A 04.17.23	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-N0W 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 linch 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.

04.17.23

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.