4.70"

6", 8", 12", 16"

2', 4', 6'

0.35"

6", 8", 12", 16"

4"

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.

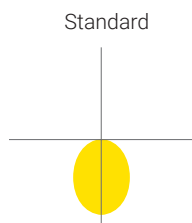|	
LUMENS PER FOOT	500, 750, 1000, 1200, 1500, 2000 or Custom
CCT & DYNAMIC PLATFORMS	27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	85+ Standard, 90+
COLOR QUALITY	3 Step MacAdam Ellipse
WIDTHS	4"
LENGTHS	2', 4', 6', Custom[1]
HEIGHTS	6", 8", 12", 16"
DISTRIBUTION PATTERNS	Standard
CONFIGURATION PATTERNS & LENGTHS	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 / 20W - Up to 2000L Output EMG-LED-10W-SDT - Self Diagnostic (Consult Factory) EMG-LED-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

DISTRIBUTION PATTTERN

Standard

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

2016 TITLE 24 PART 6 RESIDENTIAL

DLC

UL LISTED c us

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.

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
C - spaced 18" on center
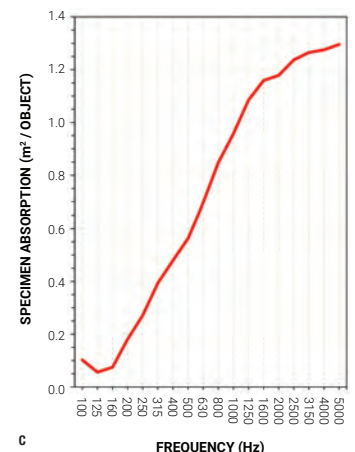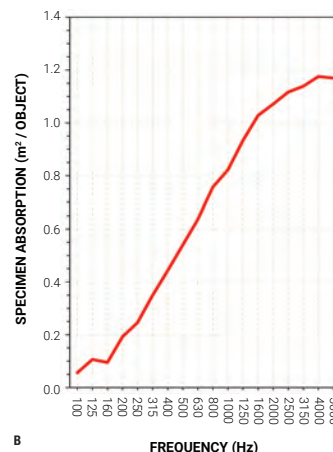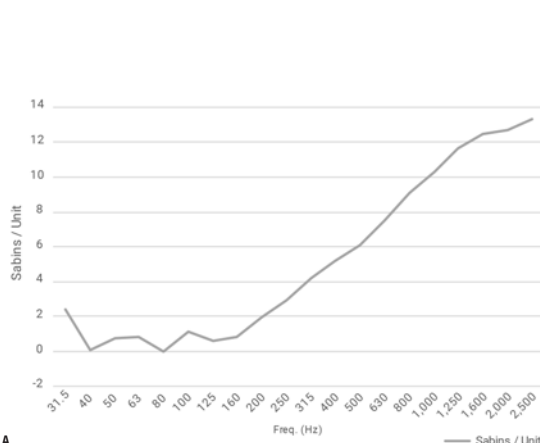
LED DYNAMIC PLATFORM OPTIONS

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.

A

B FREQUENCY (Hz)

C FREQUENCY (Hz)

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.

Example: OLS-D-VERSE-SOFT-L-4-44-12IN-500L-DIM10-MVOLT-35K-85-GRN

OLS-D-VERSE-SOFT	L	4									

2', 4', 6', CUSTOM[1]

W	L

WIDTH — LENGTH

SERIES	**SHAPE**		**HEIGHT**	**LUMENS**	**DISTRIBUTION**	**DIMMING**	**CCT**	**CRI**	**EMERGENCY**
OLS-D-VERSE-SOFT SoftSense Suspended LED L	L - L		**6IN** - 6 in.	**500L** - per ft.	**(blank)** - Standard	**DIM10** - 0-10V Dimming	**27K**	**85**	**0-EMG-LED-10W**
			8IN - 8 in.	**750L** - per ft.		**DIMST** - Step Dimming	**30K**	**90**	**0-EMG-LED-20W**
	WIDTH		**12IN** - 12 in.	**1000L** - per ft.		**DIMTR**[3] - Triac Dimming	**35K**		**0-EMG-LED-10W-SDT**
	4 - 4"		**16IN** - 16 in.	**1250L** - per ft.		**LUTH** - Lutron HiLum	**40K**		**0-EMG-LED-20W-SDT**
				1500L - per ft.		**ELD010.1** - EldoLED 0-10V	**50K**		
				2000L - per ft.		**DALI.1** - EldoLED DALI Type 8			
				NLS[2] - no light source		**ELDODMX.1** - EldoLED DMX			

WIDTH / LENGTH

COLOR
reference SoftSense material color chart
example:
GRN - Green

VOLTAGE
120
277
MVOLT
347*

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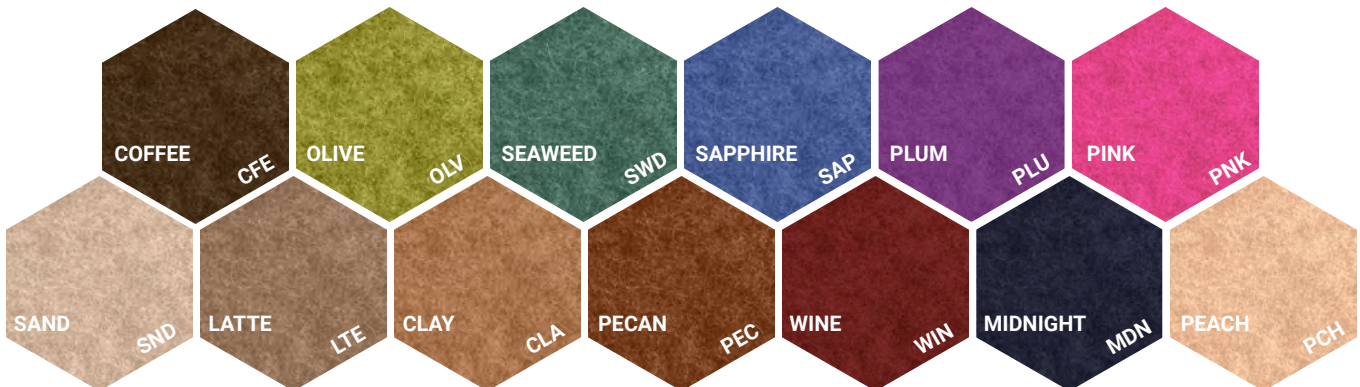**USA** - Made in America Compliance

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

QUICK SHIP COLORS

GREEN GRN	SUNSHINE SUN	ORANGE ORA	PASSION PAS	EGGPLANT EGP

PURE PUR	STONE STN	GRAVEL GRV	NAVY NVY	SKY BLUE SBL	ABYSS ABS

STANDARD COLORS

COFFEE CFE	OLIVE OLV	SEAWEED SWD	SAPPHIRE SAP	PLUM PLU	PINK PNK

SAND SND	LATTE LTE	CLAY CLA	PECAN PEC	WINE WIN	MIDNIGHT MDN	PEACH PCH

CUSTOM COLORS
Please consult factory for lead time and pricing.

OLS-D-VERSE-SOFT-L-4-22-500L-DIM10-MVOLT-40K-85

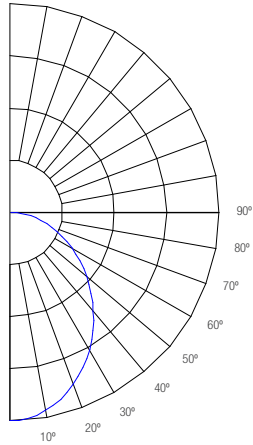TEST NO.: **EL092213821**

INPUT WATTS: **10.3**   LUMENS: **1051**   CRI: **85**   EFFICACY: **102**   CCT: **4000K**

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	302.34	NA	28.80
0 - 40°	484.59	NA	46.10
0 - 60°	824.72	NA	78.50
0 - 90°	1039.44	NA	98.90
0 - 180°	1050.79	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2557	2676	2819
55°	2343	2472	2630
65°	2142	2256	2433
75°	1947	2012	2118
85°	1926	1848	1839

Candela Tabulation

	0	45	90
0	404	404	404
5	401	400	401
15	376	379	382
25	333	340	347
35	279	289	300
45	222	232	245
55	165	174	185
65	111	117	126
75	62	64	67
85	21	20	20
90	5	3	1

Spacing Criteria

0 - 180	1.16
90 - 270	1.20
Diagonal	1.30

EFFICACY: **102** LM/W

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

RC	80%				70%				50%		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

ROOM CAVITY RATIO

OLS-D-VERSE-SOFT-L-4-22-750L-DIM10-MVOLT-40K-85

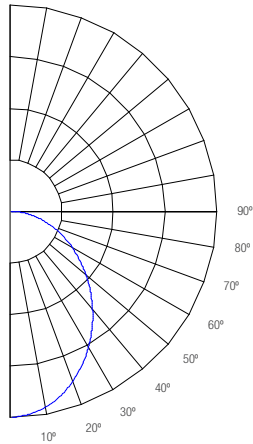TEST NO.: **EL092212894**

INPUT WATTS: **14.4**   LUMENS: **1491**   CRI: **85**   EFFICACY: **104**   CCT: **4000K**

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	641.72	NA	28.50
0 - 40°	1031.77	NA	45.80
0 - 60°	1762.7	NA	78.30
0 - 90°	2227.76	NA	99.00
0 - 180°	2251.18	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3999	3780	3599
55°	3760	3509	3305
65°	3527	3265	3062
75°	3177	2951	2781
85°	2964	2783	2661

Candela Tabulation

	0	45	90
0	567	567	567
5	563	562	562
15	537	532	528
25	489	478	468
35	424	407	393
45	347	328	312
55	265	247	233
65	183	169	159
75	101	94	88
85	32	30	28
90	4	5	5

Spacing Criteria

0 - 180	1.22
90 - 270	1.16
Diagonal	1.30

EFFICACY: **104** LM/W

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

RC	80%				70%				50%		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

ROOM CAVITY RATIO

OLS-D-VERSE-SOFT-L-4-22-1000L-DIM10-MVOLT-40K-85

TEST NO.: **EL09221981**
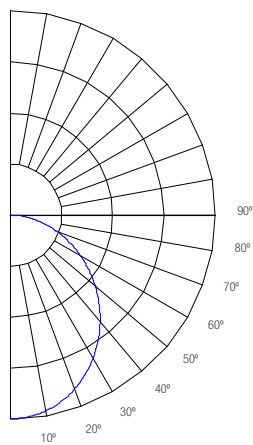
INPUT WATTS: **18.1**   LUMENS: **2040**   CRI: **85**   EFFICACY: **113**   CCT: **4000K**

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0 - 30°	582.99	NA	28.60
0 - 40°	934.97	NA	45.80
0 - 60°	1597.07	NA	78.30
0 - 90°	2018.58	NA	99.00
0 - 180°	2039.87	NA	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	5508	5189	4941
55°	5174	4812	4541
65°	4795	4422	4154
75°	4364	4042	3821
85°	4063	3810	3676

Candela Tabulation

	0	45	90
0	778	778	778
5	776	773	773
15	741	732	726
25	674	656	642
35	584	559	539
45	478	450	429
55	364	339	320
65	249	229	215
75	139	128	121
85	43	41	39
90	5	6	7

Spacing Criteria

0 - 180	1.22
90 - 270	1.16
Diagonal	1.30

EFFICACY: **113** LM/W

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

RC	80%				70%				50%		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

ROOM CAVITY RATIO

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elite

www.iuseelite.com

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.

04.17.23

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 0N/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 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 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 [2] ❏ 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.

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.