

2" PROFILE

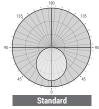
4" PROFILE







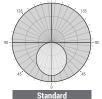




FEATURES

FLEX Architectural LED Suspended Linear is designed for combining the ultimate in flexibility and creativity, with continuous, uniform and glare-free illumination. Fully illuminated corners for a seamless connection from luminaire to luminaire, in a variety of formed angles and shapes. Be inspired to create a long-lasting imperssion with a unique design that compliments corporate offices educational, commercial and retail spaces.

LUMENS PER FOOT	500, 750, 1000, 1250, 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 Ellipses (+85), 2 Step MacAdam Ellipses (+90)						
WIDTHS	2", 4"						
LENGTHS	2', 4', 6', 8', Continuous with 1" Increments						
DISTRIBUTION PATTERNS	Standard, Wall Wash, Blade Louver, Hexagonal Louver, Cross Hatched Louver, Ellipse Louver						
CONFIGURATION PATTERNS & LENGTHS	Single, Continous, Square, Rectangular, L-Shape, Custon with 90, 60, or 45 ° Angles						
MOUNTING	Suspended						
FINISH	WH (White), BK (Black), SI (Silver), Custom RAL						
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, ELDO10.1-LIN, ELDODMX.1, DALI.1, DIMTR, DIM10-0-Off POE, ELDO10-LOG,BLE, XSR, DIM10-AUX						
EMERGENCY	10W - Up to 1000L Output 20W - Up to 2000L Output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factor) GTD-UL924						
LIFETIME	L70>60,000-hour reported lifetime L70>200,000-hour calculated lifetime						
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 a glare-free and even distribution. Distribut ions include Direct Downlight, Wall Wash, Blade Louver, Ellipse Louver, Cross Hatched Louver, Hexagonal Louver, 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.

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 4' 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 hasslefree continuous wiring, and each lumianire must be installed male to female.

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. (Click here for more details)

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. (Click here for more details)

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. (Click here for more details)

DIMMING & DRIVER INFORMATION

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

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

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

Linear dimming curve

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.

DIMTR - Triac & Electronic low voltage dimming. Available in 120V DIM10-0-OFF - Program DIM10-to OFF with linear dimming curve 0.1%,

ELDO10-LOG - ELDO10-LOG with logarithmic dimming curve.

POE - Power-over-Ethernet Depending on the PoE manufacturer selected, The Node will install the node in factory as either integral to the luminaire or as a remote module.

BLE - Luminaires may be controlled, grouped, scheduled or placed in scenes and or zones Via Cassambi Bluetooth 4.0 App.

XSR - Xitanium SR Dimming

DIM10-AUX - 0-10V with Auxiliry power

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

cULus- Listed for protected damp locations, indoor use only.

FCC 15- EMI/RFI emissions per FCC 47CFR part 15 at 120VAC or 277VAC

RoHs- Contains no mercury or lead and RoHS compliant Photometric testing completed in accordance with IES

LM-79 and TM-30 standards with calculated Life Time: L70 at 200,000 Hours

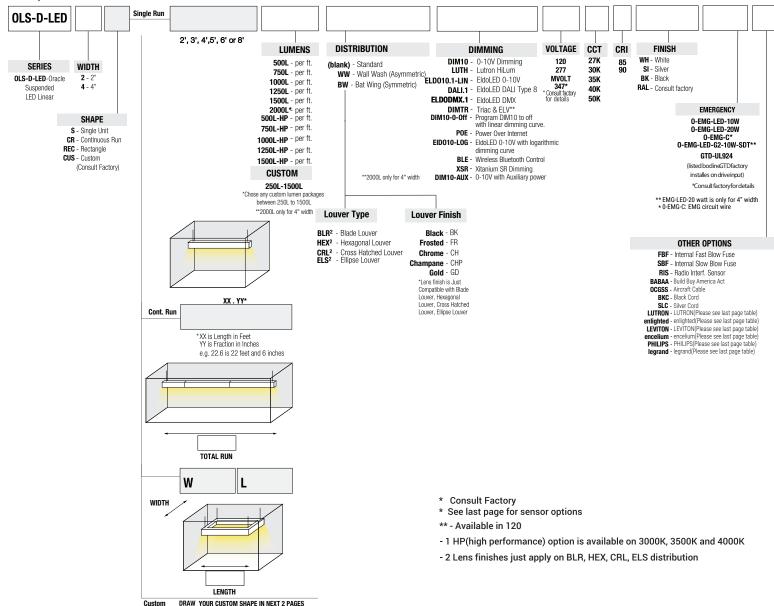
Can be used for State of California Title 24 high efficacy LED compliance

DLC®- certified, Listed for DLC, California Title 24 compliant.

BAA- Buy American Act Compliant government procurement requirements under FAR, DFARS and DOT regulations.



Example: OLSL-ED-2-REC-W8-L 6-500L-HEX-GD-DIM10-MVOLT-35K-85-WH



Lumen Packages

Direct High Performance

WATTS/FT
14.1
10.3
8.5
7.3
5.5
3.5

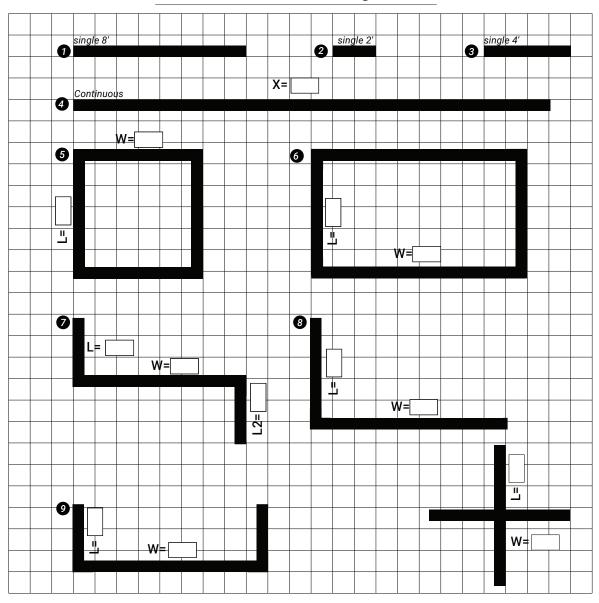
Direct Standard

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





Flex Recessed Mount configuration



RUN CHART

Run length (ft)	Section Lengths
9	5 + 4
10	6 + 4
11	7 + 4
12	8 + 4
13	8 + 5
14	8 + 6
15	8 + 7
16	8 + 8
17	8 + 5 + 4
18	8 + 6 + 4
19	8 + 7 + 4
20	8 + 8 + 4

Run length (ft)	Section Lengths
21	8 + 8 + 5
22	8 + 8 + 6
23	8 + 8 + 7
24	8 + 8 + 8
25	8 + 8 + 5 + 4
26	8 + 8 + 6 + 4
27	8 + 8 + 7 + 4
28	8+8+8+4
29	8 + 8 + 8 + 5
30	8+8+8+6
31	8 + 8 + 8 + 7
32	8 + 8 + 8 + 8

Run length (ft)	Section Lengths
33	8+8+8+5+4
34	8+8+8+6+4
35	8+8+8+7+4
36	8+8+8+8+4
37	8+8+8+8+5
38	8+8+8+8+6
39	8+8+8+8+7
40	8+8+8+8+8
41	8+8+8+8+5+4
42	8+8+8+8+6+4
43	8+8+8+8+7+4
44	8+8+8+8+8+4

Run length (ft)	Section Lengths
45	8+8+8+8+8+5
46	8+8+8+8+6
47	8+8+8+8+8+7
48	8+8+8+8+8+8

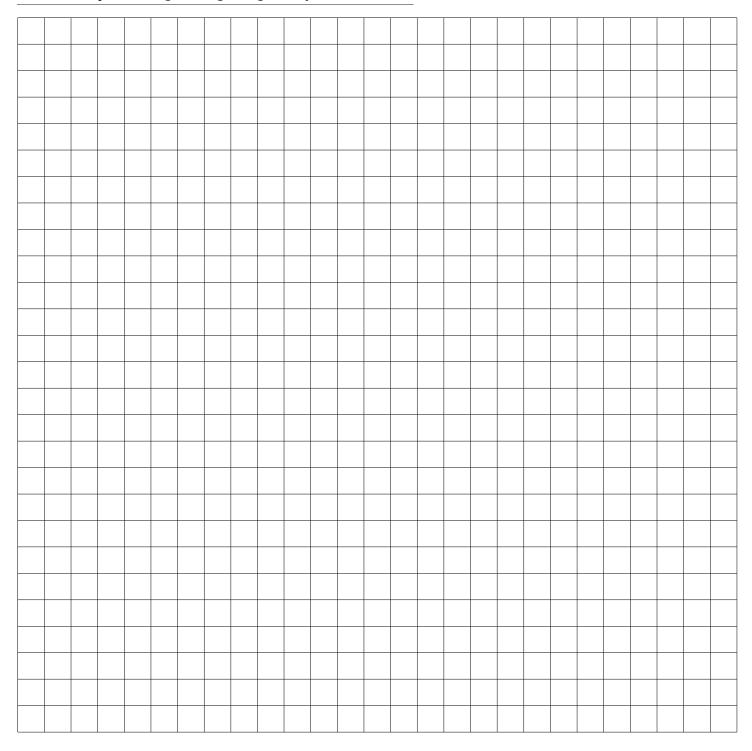








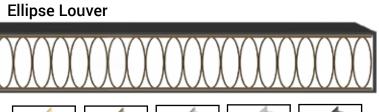
Sketch out your design using the grids space below.



















Black





Cross Hatched Louver







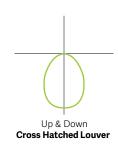
Champagne Chrome



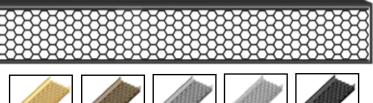




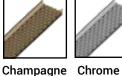




Hexagonal Louver









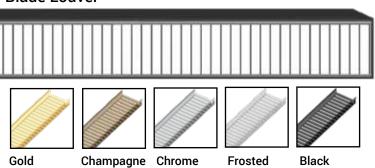








Blade Louver









OLS-D-LED 2

4"

TEST NO.: **EL081811** OLS-D-LED-2-S-4-D750L-DIM10-MVOLT-40K-85 EFFICACY: 113 CCT: 4000K INPUT WATTS: 27 LUMENS: **3042** CRI: **85** Candle Power Distribution (Candelas) **Zonal Lumens Summary** Luminance Data (cd/sq.m) Candela Tabulation %Fixt Zone Lumens %Lamp Angle In Average 90 Average Average 45 0-30 867.19 28.50 28.50 Degrees 0º 900 1157 13 1157.13 1157.13 1148.97 1147.74 1147.74 0-400 1394.29 45.80 45.80 45 14258 15844 14976 15 25 35 1096.82 1086.31 1078.26 14896 13902 13092 55° 870 0-60° 2382.03 78.30 78.30 998 43 975.07 955 13 65° 13973 12937 12131 864.91 830.35 801.53 0-90 3010.49 98.90 99.00 750 12587 11689 11017 45 55 708.41 669.61 637.50 0-180° 3042.13 100.00 100.00 850 11742 11027 10542 540.28 504.22 474.84 373.41 345.71 324.17 75 85 206.00 191.31 180.31 290 64.71 60.77 58.10 90 9.92 Coefficients of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 20% = PF Spacing Criteria 101 87 74 65 57 50 45 40 37 33 31 119 99 84 71 62 54 48 43 39 35 32 119 95 78 65 55 48 42 37 33 30 27 116 106 96 87 80 74 68 63 59 55 52 116 101 88 78 69 62 56 51 47 43 40 116 97 82 70 61 54 48 43 39 35 32 116 94 77 64 55 47 42 37 33 30 27 110 97 85 75 67 60 54 49 45 42 39 110 94 79 68 59 52 47 42 38 35 32 110 91 75 63 54 47 41 36 33 30 27 106 93 81 72 64 58 52 48 44 40 38 106 88 73 62 53 46 41 36 32 29 101 89 78 69 62 56 51 46 43 39 37 101 85 71 61 52 46 40 36 32 29 27 0-180 99 83 69 58 50 43 38 34 30 27 25 1.22 90-270 1.16 ROOM CAVITY RATIO Diagonal 1.30 EFFICACY: 113 LM/W 20°

OLS-D-LED-2-S-4-D1000L-DIM10-MVOLT-40K-85 TEST NO.: **EL081815** INPUT WATTS: 38.1 CRI: **85** EFFICACY: 109 CCT: 4000K **LUMENS: 4163** Candle Power Distribution (Candelas) **Zonal Lumens Summary** Luminance Data (cd/sq.m) Candela Tabulation %Lamp %Fixt Zone Lumens Angle In Average Average Average 45 90 Degrees 0° 0-30 1189.77 28.60 28.60 45º 900 1588.334 1588.334 1588.334 0 5 1584.100 1578.230 1576.730 0-400 1908.1 450 21822 20557 19573 15 1492.910 1196 0-600 3259.33 78.30 78.30 550 20499 19063 17990 1375.910 1191.740 25 35 1339,440 1311.160 65° 18997 17519 16455 1139.840 1100.770 0-900 4119.56 99.00 99.00 75º 17290 16014 15136 45 919.140 797 4163 00 100 00 0-180 100.00 850 16095 15093 14563 55 65 743 480 691,410 652,480 507.670 468.160 439.740 75 262.080 399 85 88 700 83 180 80 260 90 10.850 12.490 14.070 Coefficients of Utilization - Zonal Cavity Method

Spacing C	riter	ia
0-180	:	1.22
90-270	-:	1.16
Diagonal	-:	1.30

EFFICACY: 109 LM/W

	Elle	cuve r	1001	Javily	/ neiii	ectant	e 207	/o = r	Г										
	RC RW	70%	50%	0% 30%	10%	70%	70 50%)% 30%	10%	50%	50% 30%	10%	50%	30% 30%	10%	50%	10% 30%	10%	0% 0%
ROOM CAVITY RATIO	0 1 2 3 4 5 6 7 8 9	119 108 99 90 83 76 70 65 61 57	119 104 90 80 71 63 57 52 47 44 40	119 99 84 71 62 54 48 43 39 35 32	119 95 78 65 55 48 42 37 33 30 27	116 106 96 88 80 74 68 63 59 55 52	116 101 88 78 69 62 56 51 47 43 40	116 97 82 70 61 54 48 43 39 35 32	116 94 77 64 55 47 42 37 33 30 27	111 97 85 75 67 60 54 49 45 42 39	111 94 79 68 60 52 47 42 38 35 32	111 91 75 63 54 47 41 37 33 30 27	106 93 81 72 64 58 52 48 44 41 38	106 90 77 66 58 51 46 41 37 34 31	106 88 73 62 53 46 41 36 32 29 27	101 89 78 69 62 56 51 46 43 39 37	101 87 75 65 57 50 45 40 37 33 31	101 85 71 61 52 46 40 36 32 29 27	99 83 69 58 50 43 38 34 30 27 25
	RC -	Ceilina (Cavity F	Reflecta	nce	R\	N - Wal	Reflec	tance										

OLS-D-LED-2-WW-1000L-DIM10-MVOLT-40K-85

INPUT WATTS: 38.1	LUMENS: 4134		CRI: 85	EFF	ICACY: 10	9	CCT: 4	1000K				
Candle Power Distribution (Cand	delas) Zonal Lu	ımens Summ	nary		Luminar	ice Data (c	cd/sq.m)		Candela	Tabulation		
	Zone	Lumens	%Lamp	%Fixt	•	Average	Average	Average		<u>0</u>	<u>45</u>	90
1750	0-30°	1037.92	25.10	25.10	Degrees	O°	45°	90°	0	1280.719	1280.719	1280.719
	0-40°	1736.47	42.00	42.00	45°	18869	32824	33644	5 15	1284.620 1242.170	1357.100 1491.500	1386.590 1597.080
1312	0-60°	3169.87	76.70	76.70	55°	17376	32795	33323	25	1153.210	1564.260	1726.410
	0-90°	4083.58	98.80	98.80	65º 75º	15137 12400	31570 27097	28666 19678	35	1019.980	1583.000	1714.380
875	0-180°	4134.47	100.00	100.00	85°	7984	20382	13293	45 55	843.700 630.210	1467.650 1189.440	1504.310 1208.590
								-	65	404.510	843.650	766.060
437									75	202.940	443.470	322.050
									85	44.000	112.330	73.260
									90	4.070	21.980	17.600

875	
437	
	90°
	80°
	70°
	60°
	50°
	40°

Spacing Criteria							
0-180	:	1.28					
90-270	:	1.82					
Diagonal	:	1.50					
	0-180 90-270	0-180 : 90-270 :					

		on - Zonal Cavity Method flectance 20% = PF	t
DO.	000/	700/	

	RC		80	0%			70	0%			50%			30%			10%		0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0 1 2 3 4 5 6 7 8 9	119 108 98 89 81 75 69 64 59	119 103 90 78 69 62 55 50 45	119 99 83 70 60 52 46 41 37 33	119 95 77 63 53 46 40 35 31 28	116 105 95 87 79 72 67 62 58	116 101 88 77 68 60 54 49 45 41	116 97 81 69 59 52 46 41 36 33	116 93 76 63 53 45 39 35 31 28	110 96 84 73 65 58 52 47 43	110 93 78 67 58 50 45 40 36 32	110 90 74 61 52 45 39 34 30 27	105 92 80 71 63 56 50 46 42 39	105 90 76 65 56 49 44 39 35	105 87 72 60 51 44 38 34 30 27	101 88 77 68 60 54 49 44 41 37	101 86 73 63 55 48 43 38 35	101 84 70 59 50 43 38 34 30 27	99 82 68 57 48 41 36 32 28
~	10 BC	52 Coiling	38	30	25	50 DI	38 M Wel	30 L Poffee	25	37	30	25	36	29	25	35	29	24	23



ANSI/IES TM-30-18 Color Rendition Report

Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x **0.4039**

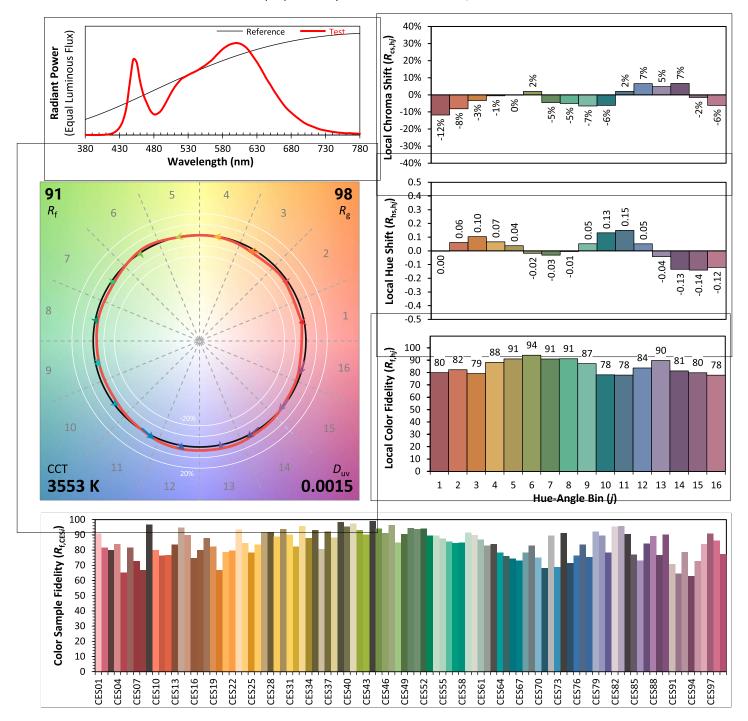
0.3935

u' **0.2337**

ν' **0.5122**

CIE 13.3-1995 (CRI) R_a 91 R₉ 58

Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.



By Elite Lighting

Flex Series LED Architectural LED Suspended Linear - Direct





- 1- Luminaire will be shipped with Powerpacks pr e-installed, ready to be integrated to designated contol systems
- 2- Luminaire will be shipped with Sensorsins talledon the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems
- 3- Luminair e will be shipped with Sensors to be remotely installed on the ceiling. Luminair es will be ready to be integrated with designated cont rol systems

BRAND	CLUTRON	enlighted	LEVITON.	EUCELIUM	PHILIPS EasySense	La legrand®	N LIGHTING CONTROLS	
CONTROL UNIT	□ FCJS-010 Lutron Vive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) 14 □ FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminare is shipped Vive Enabled)	☐ CU-4E-FMH Fixture Mount Control Unit 15	□ ZL027 –N0W Intellect Power Control Module 16	□ EN-WCM2-ZB-DR Wireless Control Module ¹⁷	☐ XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver ¹⁸	□ LMFC-011 ON/ OFF/0-10V dimming fixture controller ¹⁹ □ FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack ¹⁹	NXFM-1R2D-0-UNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue	
	□ A-WN-D01-RF-WH Athena wireless node (RF only) (White) □ A-WN-D01-OCC-WH Athena wireless node with sensor (White)		☐ ZL027 –DLE Intellect Power Control Module ¹⁶	□ EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module ¹⁷		LMFS-601 Integrated Fixture Sensor & Controller		
INTEGRATED OCCOPANCY&	☐ DFCSJ-0EM-0CC Clear Connect (RF) and	□ SU-5E-IoT IoT Node Micro Sensor □ SU-5E-CL Connected Micro Sensor □ SU-5E-IL	☐ ZLOOJ -TOW Intellect Intelligent Fixture Control System ²	□ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	SNS 212 EasyAir Daylight and Occupancy sensor	FD-301 Fixture integrated Daylight Dimming Sensor ²	NXRM HubbNETTM Radio Module NXSMP2-OMNI	
DAYLIGHT Occupancy/ SENSOR Daylight Sensing ²		Indipendent Micro Sensor SU-5S-H(loT/CL/IL) Serface Mount Sensor (Must be Specified with CU- 4E-FMH Control Unit) 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	Integrated Fixture Sensor & Controller NXSMP2-LMI Integrated Fixture Sensor & Controller	
*WIRELESS OCCUPANCY SENSOR	LRF2-0CR2B-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	NXSMP2-SMI NX Slide Mount Indoor Sensor Module	
*WIRELESS Daylight Sensor	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	LUXSTATLS Luxstat Light Sensor for Luxstat Control Modules, 3 to 6000 FC	
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	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	☐ ZL00J -T0W Intellect Intelligent Fixture Control System ☐ ZL00J-D0W Intellect Intelligent Fixture Control System (Must be specified with	□ EN-CLM- PIR-DD-ZB SensiLJM™ Wireless Integrated Sensor □ ZBHA- CLM-DIM-ENC Connected Lighting Module DIM (Must be specified	SNS212-CMP SNS-212 for Grouping ³	N/A	NXSMDT Indoor Ceiling Mount Sensor - OMNI	
		(Must be specified with CU- 4E-FMH Control Unit) ³	ŽL027-NOW and ZL00J- DOW Control unit) ³	with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit) ³				
ACCESSORIES	N/A	□ TMC-SU-5E Tile Mount Carrier □ CBL-5E-CU4-30N 30 linch Sensor cable for CU-4 and loT Ready □ CBL-5E-CU4-7F 7 Foot sensor cable for CU-4 and loT Ready Driver	N/A	N/A	N/A	N/A	N/A	
NOTES	4- Luminaire will be compatible with LUTRON LRF2-0CR2B-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.	N/A	