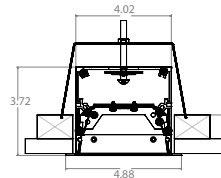
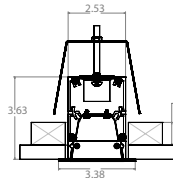


## FEATURES

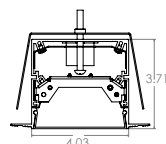
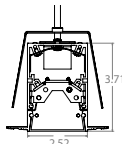
FLEX Architectural LED Recessed Linear delivers flexibility, with straight runs to complex 90o turns. Available in small standard profiles of 2" and 4", or custom lengths, it accommodates drywall or T-bar installations, with fully illuminated corners to provide seamless, continuous lengths of light. A unique design with easy snap-in lens that complements corporate offices, educational, commercial, and retail spaces.

LUMENS PER FOOT	500, 750, 1000, 1250, 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 Ellipses
WIDTHS	2", 4"
LENGTHS	2', 4', 6', 8', Continuous with 1" Increments
DISTRIBUTION PATTERNS	Standard, Wall Wash
CONFIGURATION PATTERNS & LENGTHS	Single, Continuous, Square, Rectangular, L-Shape, Custom with 90, 60, or 45 ° Angles
MOUNTING	Ceiling, Wall, Wall to Ceiling Recessed Trim, Recessed Trimless
FINISH	WH (White), BK (Black), SI (Silver), Custom RAL
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, DIMST, ELDO10.1, ELDO10.1, 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

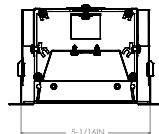
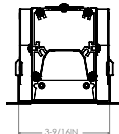
HC-FT



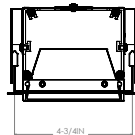
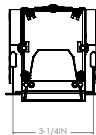
HC-TL



TB-1516-FT



TB-SG



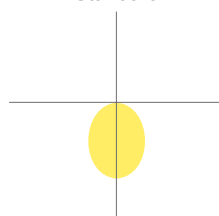
2" PROFILES

4" PROFILES

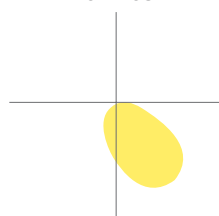
LUMENS/FT	WATTS/FT
1500	12.7
1250	10.5
1000	9.5
750	6.5
500	4.5



Distribution Pattern:  
Standard



Distribution Pattern:  
Wall Wash



#### 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. Distributions include 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.

#### 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.

#### 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.

#### 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.

**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. Listed for DLC, California Title 24 compliant.

UL Listed for Damp location.

Example: **OLS-R-LED-2-TB-SG-REC-W8-L6-500L-DIM10-MVOLT-30K-85-WH**

<b>OLS-R-LED</b>		<b>SELECT RUN TYPE</b>																			
<b>SERIES</b> OLS-R-LED-Oracle Recessed LED Linear		<b>WIDTH</b> 2 - 2" 4 - 4"		<b>SHAPE</b> S - Single Unit CR - Continuous Run REC - Rectangle WC - Wall Ceiling WCW - Wall Ceiling Wall CUS - Custom (Consult Factory)		<b>Single Run</b> 2, 4, 6 OR 8'		<b>Cont. Run</b> XX : YY*		<b>Rectangle</b> W L WIDTH LENGTH		<b>Wall Ceiling</b> W C WALL CEILING		<b>Wall Ceiling Wall</b> W C W WALL #1 CEILING WALL #2							
<b>RECESSED OPTION</b> TB-SG - Slot Grid T-bar (9/16) TB-1516-FT - Flat Trim for 15/16 T-bar HC-TL - Trimless for Hard Ceiling HC-FT - Flat Trim for Hard Ceiling								*XX is Length in Feet YY is Fraction in Inches e.g. 22.6 is 22 feet and 6 inches													
<b>LUMENS</b> 500L - per ft. 750L - per ft. 1000L - per ft. 1250L - per ft. 1500L - per ft.		<b>DISTRIBUTION</b> (blank) - Standard WW - Wall Wash		<b>DIMMING</b> DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLum LUT2W - Lutron 2-Wire ELDO10.1 - EdoLED 0-10V DALI.1 - EdoLED DALI Type 8 ELDODMX.1 - EdoLED DMX		<b>VOLTAGE</b> 120 277 MVOLT 347* * Consult factory for details		<b>CCT</b> 30K 35K 40K 50K		<b>CRI</b> 85 90		<b>FINISH</b> WH - White SI - Silver BK - Black RAL - Consult factory		<b>EMERGENCY</b> O-EMG-LED-10W O-EMG-LED-20W O-EMG-LED-G2-10W-SDT - Consult factory		<b>OTHER OPTIONS</b> FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Sensor USA - Made in America Compliance					

- LUT2W available in 120V  
- ELDO10, ELDODMX, LUTH available 120-277

**OLS-R-LED-2-S-4-750L-DIM10-MVOLT-40K-85**

TEST NO.: **EL081811**

INPUT WATTS: **27**

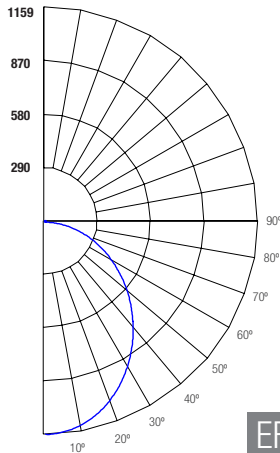
LUMENS: **3042**

CRI: **85**

EFFICACY: **113**

CCT: **4000K**

**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°
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%	80%	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	106	106	106	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	87	85
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	71
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	65
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37
9	57	44	35	30	55	43	35	30	42	35	30	40	34	29	39	33
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

**OLS-R-LED-2-S-4-1000L-DIM10-MVOLT-40K-85**

TEST NO.: **EL081815**

INPUT WATTS: **38.1**

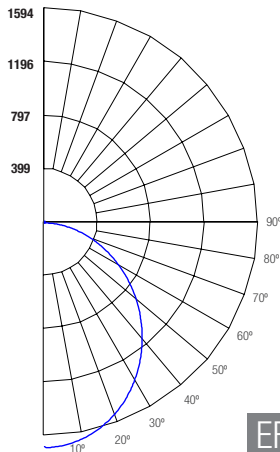
LUMENS: **4163**

CRI: **85**

EFFICACY: **109**

CCT: **4000K**

**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°
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%	80%	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	106	106	106	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	87	85
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	71
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	65
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37
9	57	44	35	30	55	43	35	30	42	35	30	40	34	29	39	33
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

**OLS-R-LED-2-S-4-1000L-WW-DIM10-MVOLT-40K-85**

INPUT WATTS: **38.1**

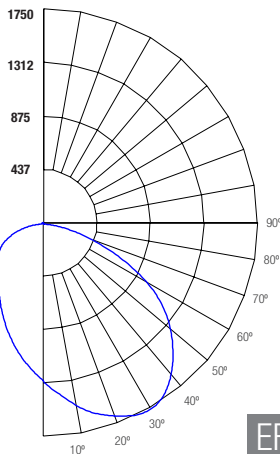
LUMENS: **4134**

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°
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%	80%	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	105	105	105	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	88	84
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73
3	89	78	70	63	87	77	69	63	73	67	61	71	65	60	68	63
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55
5	75	62	52	46	72	60	52	45	58	50	45	56	49	44	54	48
6	69	55	46	40	67	54	46	39	52	45	39	50	44	38	49	43
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	38
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	35
9	55	42	33	28	54	41	33	28	40	32	27	39	32	27	37	31
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

1- Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated contol 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	<input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V <sup>1</sup>	<input type="checkbox"/> FCJS-0-10 Lutron Vive 0-10V Individual Control Models <sup>1 4</sup>	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit <sup>15</sup>	<input type="checkbox"/> ZL027 –NOW Intellect Power Control Module <sup>1 6</sup>	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module <sup>1 7</sup>	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver <sup>1 8</sup>	<input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller <sup>1 9</sup>
	<input type="checkbox"/> LEDDU LED Zone Controller 0-10V <sup>1</sup>	<input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Individual Control Models <sup>1 4</sup>		<input type="checkbox"/> ZL027 –DLE Intellect Power Control Module <sup>1 6</sup>	<input type="checkbox"/> EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module <sup>1 7</sup>		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack <sup>1 9</sup>
INTEGRATED OCCUPANCY& DAYLIGHT SENSOR	N/A	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing <sup>2</sup>	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Indipendent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Serface Mount Sensor <b>(Must be Specified with CU- 4E-FMH Control Unit) <sup>2</sup></b>	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System <sup>2</sup>	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS200 SNS200 for grouping <sup>2</sup>	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor <sup>2</sup>
			<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System <sup>2</sup>	<input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM <sup>2</sup>	<input type="checkbox"/> SNS300 SNS300 for networks <sup>2</sup>	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor <sup>2</sup>	
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted <sup>3</sup>	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount360° ,occupancy/vacancy sensor <sup>3</sup>	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors <sup>3</sup>	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor <sup>3</sup>
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> ELLSU-W-E0 Light Level Sensor - Ceiling Mounted <sup>3</sup>	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor <sup>3</sup>	N/A	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors <sup>3</sup>	N/A	<input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor <sup>3</sup>
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	<input type="checkbox"/> SU-5E-IoT IoT Node Micro Sensor <input type="checkbox"/> SU-5E-CL Connected Micro Sensor <input type="checkbox"/> SU-5E-IL Indipendent Micro Sensor <input type="checkbox"/> SU-5S-H(IoT/CL/IL) Serface Mount Sensor  <b>(Must be specified with CU- 4E-FMH Control Unit) <sup>3</sup></b>	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System  <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System  <b>(Must be specified with ZL027-NOW and ZL00J- DOW Control unit) <sup>3</sup></b>	<input type="checkbox"/> EN-CLM- PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor  <input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM  <b>(Must be specified with EN-WCM2-ZB-DR or EN- ALC-ZB-BK-DR Control Unit) <sup>3</sup></b>	<input type="checkbox"/> SNS200-CMP SNS-200 for Grouping <sup>3</sup>	N/A
ACCESSORIES	N/A	N/A	<input type="checkbox"/> TMC-SU-5E Tile Mount Carrier <input type="checkbox"/> CBL-5E-CU4-30N 30 inch Sensor cable for CU-4 and IoT Ready <input type="checkbox"/> 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.