## FEATURES

The unique design of the LEAP1-LED utilizes a slim profile to house internally recessed LEDs, offering high lumen options. The clean lines and compact size of the luminaire make it an ideal choice for corporate offices, retail spaces, and educational facilities.

5"

45⅞"

4"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2500	1865	29 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

LUMENS	2500L
CCT	30K, 35K, 40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
WIDTH	1¼"
LENGTHS	4', 8'
MOUNTING	Suspended
FINISH	WH (White), SI (Silver), Custom RAL
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

c UL us LISTED

PROUDLY ASSEMBLED in AMERICA

5 YEARS LIMITED WARRANTY

Distribution Pattern:
Standard
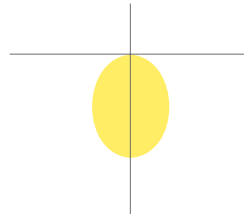
OPTICS & PERFORMANCE
The optical system delivers high efficiency LED light with the use of internally recessed high lumen LEDs for optimal distribution.

CONSTRUCTION
Fabricated of 20 gauge aluminum. Post painted finish with 95% reflective premium paint.

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.

CRM INSTALLATION
For continuous row mounting, the first luminaire 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 120V-277V input, producing 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 fixture to allow for simple hassle-free continuous wiring. Each fixture must be installed male to female.

DIMMING & DRIVER INFORMATION
DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.
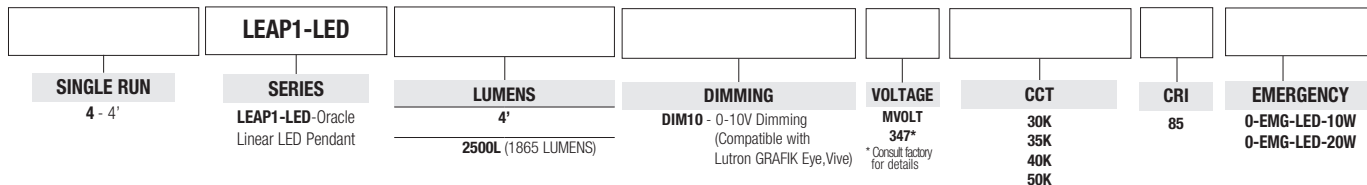
LISTING
c-UL-us - listed for Damp location

WARRANTY
Five-year warranty for parts and components. (Labor not included)

Example: **4-LEAP1-LED-2500L-DIM10-MVOLT-30K-85-CRM**

SINGLE RUN	SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY
4 - 4'	LEAP1-LED	4'	DIM10 - 0-10V Dimming (Compatible with Lutron GRAFIK Eye, Vive)	MVOLT 347* * Consult factory for details	30K 35K 40K 50K	85	0-EMG-LED-10W 0-EMG-LED-20W
	LEAP1-LED-Oracle Linear LED Pendant	2500L (1865 LUMENS)					

4-LEAP1-LED-2500L-DIM10-MVOLT-40K-85-WH　　　　　　　　　　　**TEST NO.: EL041922**

INPUT WATTS: **29.1**	LUMENS: **1865**	CRI: **85**	EFFICACY: **64**	CCT: **4000K**	SPACING CRITERIA: **1.10**

Candle Power Distribution (Candelas)

263
526
788
1051
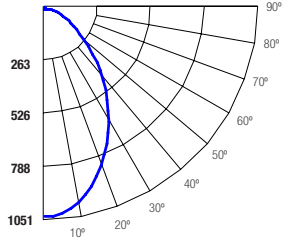
Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	359.46	19.30	19.30
0-30	713.89	38.30	38.30
0-40	1078.3	57.80	57.80
0-60	1598.78	85.80	85.70
0-80	1821.09	97.70	97.60
0-90	1844.78	99.00	98.90

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5828	5621	5351
55	4362	4102	3853
65	3503	3379	3215
75	3044	2914	2778
85	2838	2384	2029

Lumens Per Zone

Zone	Lumens
0-10	97.64
10-20	261.82
20-30	354.42
30-40	364.42
40-50	306.54
50-60	213.94
60-70	141.68
70-80	80.62
80-90	23.69

Candela Tabulation

	0
0	1051.064
5	1041.180
15	947.400
25	789.140
35	604.680
45	413.890
55	251.240
65	148.660
75	79.130
85	24.840
90	1.810

Cone of Light

2	263	3.2	3
4	65.7	6.4	6
6	29.2	9.7	9
8	16.4	12.9	11.9
10	10.5	16.1	14.9
12	7.30	19.3	17.9
(FT.)Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

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	111	111	111	106	106	106	101	101	101	99
1	110	106	102	99	107	104	100	97	99	96	94	95	93	91	91	90	88	86
2	102	94	88	83	99	92	87	82	89	84	80	85	82	78	82	79	76	74
3	94	84	77	72	91	83	76	71	80	74	69	77	72	68	74	70	67	65
4	87	76	68	62	85	75	68	62	72	66	61	70	64	60	68	63	59	57
5	81	69	61	55	79	68	60	55	66	59	54	64	58	53	62	57	53	51
6	75	63	55	49	73	62	54	49	60	53	48	58	52	48	57	52	47	45
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41
8	66	53	45	40	64	53	45	40	51	44	40	50	44	39	49	43	39	37
9	62	49	42	37	60	49	41	36	47	41	36	46	40	36	45	40	36	34
10	58	46	38	34	57	45	38	34	44	38	33	43	37	33	42	37	33	31

ROOM CAVITY RATIO

RC - Ceiling Cavity Reflectance　　　*RW - Wall Reflectance*

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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	❑ 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]
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]	❑ LRF2-0CR2B-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]
*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 Iinch 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 LRF2-0CR2B-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.

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