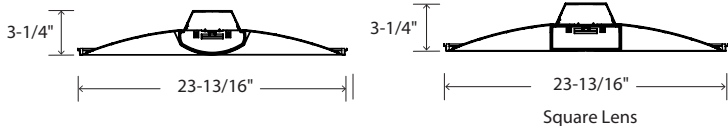
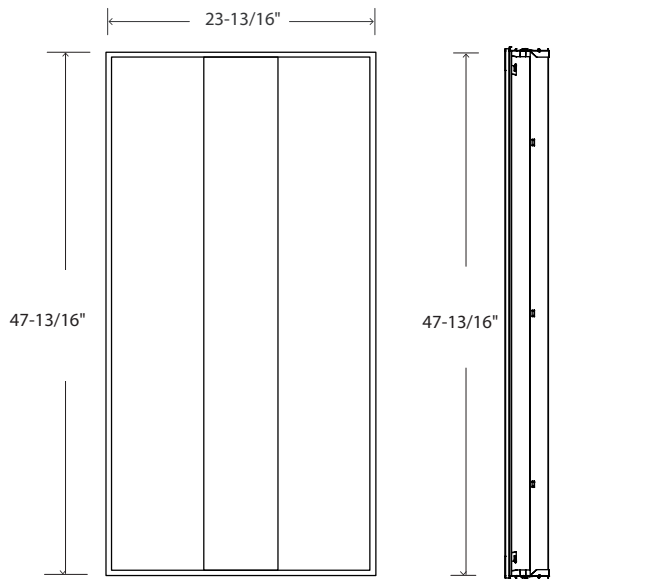




EASY 3 COLORS
SELECCTOR
3500K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	5288	40 W
4000	4434	33 W
3000	3256	25 W

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

FEATURES

A combination of stylish design and shallow profile, coupled with innovative LED technology to deliver soft, glare-free illumination, resulting in improved visual comfort and uniform appearance. The enhancement of the volumetric effect provides increased brightness, with an aesthetically pleasing appearance and contemporary design. The energy saving features and optical performance create the ideal choice for educational, medical, office and retail spaces.

LUMENS	3000L/4000L/5000L
CCT & DYNAMIC PLATFORMS	35K/40K/50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4'
UGR	UGR <17
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) EMG-LED-G2-20W-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



MAINTENANCE

The center acrylic diffuser can be removed, allowing easy access to LED boards and driver compartment, locking into place for secure closure of the luminaire. LED engines and drivers are removable and upgradable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

OPTICAL SYSTEM

The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. A proprietary design of the lens results in zero pixilation, regardless of the viewing angle, with LEDs placed to promote a uniform appearance. The result is even illumination across the space, from luminaire to luminaire. A UGR (Unified Glare Rating) of less than 17 minimizes the effect of glare, enhancing well-being and reducing discomfort.

CONSTRUCTION

Body is constructed of heavy-duty 20-gauge cold rolled steel, post-painted and engineered for maximum strength and extended life. All corners interlock to prevent aesthetic damage to the luminaire, with sides and corners uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation. Luminaire is supplied with multiple wiring entrances for easy daisy chain of luminaires, to add power packs, whips, or other accessories in the field, or for continuous row mounting.

FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

MOUNTING

Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input.

DIMMING & DRIVER INFORMATION

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

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Listed for DLC, California Title 24 compliant.

Example: **24-OVHP-LED-3000L/4000L/5000L-DIM10-MVOLT-35K/40K/50K-85-V3**

24	OVHP	LED							V3		
FIXTURE SIZE	SERIES	TYPE	SHAPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI		EMERGENCY	OTHER OPTIONS
24 - 2' X 4'	OVHP - LED Shallow Volumetric Troffer	LED	Blank S - Square	3000L/4000L/5000L	DIM10 - 0-10V Dimming	MVOLT	35K/40K/50K	85		0-EMG-LED-10W 0-EMG-LED-20W 0-EMG-LED-G2-10W-SDT 0-EMG-LED-G2-20W-SDT <small>*Consult factory for details</small>	24FK - 2'x4' Flange Kit FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance FS-PPV2 - Fixture Sensor Power Pack FD-301 - Low Voltage Daylight Dimming Photosensor LMFC-011 - Digital Lighting Manager FS-205 - Low Voltage Pir Fixture Integrated Occupancy Sensor 24-OVHP-LED-SMK - Surface Mount Kit

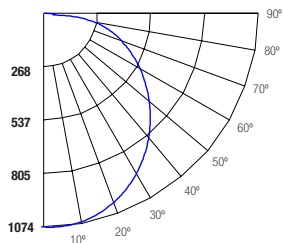
*FD-301 & FS-205 require FS-PPV2- Power Pack

24-OVHP-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K(3000L)

TEST NO.: **EL09012001**

INPUT WATTS: **25.2** LUMENS: **3256** CRI: **85** EFFICACY: **129** CCT: **3500K** SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	390.63	12	12
0-30	828.87	25.5	25.5
0-40	1360.82	41.8	41.8
0-60	2429.67	74.6	74.6
0-80	3122.78	95.9	95.9
0-90	3229.23	99.2	99.2

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1285	1284	1383
55	1221	1244	1393
65	1146	1228	1447
75	996	1216	1623
85	795	1088	1893

Lumens Per Zone

Zone	Lumens
0-10	101.21
10-20	289.42
20-30	438.24
30-40	531.95
40-50	555.81
50-60	513.05
60-70	415.38
70-80	277.73
80-90	106.45

Candela Tabulation

0	10	15	25	35	45	55	65	75	85	90											
0	1070.376	5	1060.85	15	1015.12	25	931.89	35	816.12	45	676.15	55	520.88	65	360.19	75	191.78	85	51.56	90	2.74

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

ROOM CAVITY RATIO	80%				70%				50%				30%				10%				0%			
	RC	RW	70%	50%	30%	10%	70%	50%	30%	10%	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	111	106	106	106	101	101	101	99	99	99	99	99	
1	108	102	98	94	105	100	96	92	96	92	89	89	92	89	86	88	85	83	81	81	81	81	81	
2	97	89	81	75	95	87	80	74	83	77	73	73	80	75	71	76	72	69	67	67	67	67		
3	89	77	69	62	86	76	68	61	73	66	60	60	70	64	59	67	62	58	56	56	56	56		
4	81	68	59	52	78	67	59	52	64	57	51	51	62	55	50	60	54	50	47	47	47	47		
5	74	61	52	45	72	60	51	45	58	50	44	44	55	49	43	54	48	43	41	41	41	41		
6	69	55	46	39	67	54	45	39	52	44	38	38	50	43	38	48	42	38	35	35	35	35		
7	64	50	41	34	62	49	40	34	47	40	34	34	46	39	34	44	38	33	31	31	31	31		
8	59	45	37	31	57	45	36	31	43	36	30	30	42	35	30	41	34	30	28	28	28	28		
9	55	42	33	28	54	41	33	27	40	32	27	27	39	32	27	37	31	27	25	25	25	25		
10	52	38	30	25	50	38	30	25	37	30	25	25	36	29	25	35	29	24	23	23	23	23		

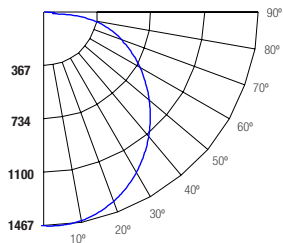
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

24-OVHP-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K(4000L)

TEST NO.: **EL09012002**

INPUT WATTS: **33.9** LUMENS: **4434** CRI: **85** EFFICACY: **131** CCT: **3500K** SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1754	1751	1891
0-30	1664	1696	1906
0-40	1542	1650	1981
0-60	1359	1656	2194
0-80	1084	1468	2627
0-90	4397.38	99.2	99.2

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	138.07	2090	2262
55	395.04	2023	2280
65	597.89	1967	2370
75	721.15	1963	2627
85	753.37	1741	3165

Lumens Per Zone

Zone	Lumens
0-10	138.07
10-20	395.04
20-30	597.89
30-40	721.15
40-50	753.37
50-60	700.23
60-70	566.54
70-80	378.74
80-90	146.35

Candela Tabulation

0	5	15	25	35	45	55	65	75	85	90											
0	1460.178	5	1447.21	15	1385.51	25	1270.98	35	1113.7	45	922.67	55	710.13	65	484.72	75	261.62	85	70.3	90	3.72

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

ROOM CAVITY RATIO	80%				70%				50%				30%				10%				0%			
	RC	RW	70%	50%	30%	10%	70%	50%	30%	10%	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	111	106	106	106	101	101	101	99	99	99	99	99	
1	108	102	98	94	105	100	96	92	96	92	89	89	92	89	86	88	85	83	81	81	81	81	81	
2	97	89	81	75	95	87	80	74	83	77	73	73	80	75	71	76	72	69	67	67	67	67		
3	89	77	69	62	86	76	68	61	73	66	60	60	70	64	59	67	62	58	56	56	56	56		
4	81	68	59	52	78	67	59	52	64	57	51	51	62	55	50	60	54	50	47	47	47	47		
5	74	61	52	45	72	60	51	45	58	50	44	44	55	49	43	54	48	43	41	41	41	41		
6	69	55	46	39	67	54	45	39	52	44	38	38	50	43	38	48	42	38	35	35	35	35		
7	64	50	41	34	62	49	40	34	47	40	34	34	46	39	34	44	38	33	31	31	31	31		
8	59	45	37	31	57	45	36	31	43	36	30	30	42	35	30	41	34	30	28	28	28	28		
9	55	42	33	28	54	41	33	27	40	32	27	27	39	32	27	37	31	27	25	25	25	25		
10	52	38	30	25	50	38	30	25	37	30	25	25	36	29	25	35	29	24	23	23	23	23		

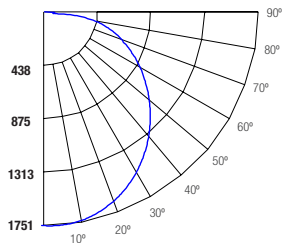
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

24-OVHP-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K(5000L)

TEST NO.: **EL09012003**

INPUT WATTS: **40.3** LUMENS: **5288** CRI: **85** EFFICACY: **131** CCT: **3500K** SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	636.77	12	12
0-30	1350.93	25.5	25.5
0-40	2212.2	41.8	41.8
0-60	3942.85	74.6	74.6
0-80	5070.28	95.9	95.9
0-90	5244.54	99.2	99.2

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2095	2090	2262
55	1988	2023	2280
65	1841	1967	2370
75	1623	1963	2627
85	1293	1741	3165

Lumens Per Zone

Zone	Lumens
0-10	164.92
10-20	471.85
20-30	714.16
30-40	861.27
40-50	898.67
50-60	831.98
60-70	676.23
70-80	451.2
80-90	174.26

Candela Tabulation

0	5	15	25	35	45	55	65	75	85	90											
0	1744.223	5	1728.5	15	1654.79	25	1518.4	35	1329.87	45	1102.09	55	848.41	65	578.89	75	312.45	85	83.86	90	4.36

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

ROOM CAVITY RATIO	80%				70%				50%				30%				10%				0%			
	RC	RW	70%	50%	30%	10%	70%	50%	30%	10%	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	111	106	106	106	101	101	101	99	99	99	99	99	
1	108	102	98	94	105	100	96	92	96	92	89	89	92	89	86	88	85	83	81	81	81	81	81	
2	97	89	81	75	95	87	80	74	83	77	73	73	80	75	71	76	72	69	67	67	67	67		
3	89	77	69	62	86	76	68	61	73	66	60	60	70	64	59	67	62	58	56	56	56	56		
4	81	68	59	52	78	67	59	52	64	57	51	51	62	55	50	60	54	50	47	47	47	47		
5	74	61	52	45	72	60	51	45	58	50	44	44	55	49	43	54	48	43	41	41	41	41		
6	69	55	46	39	67	54	45	39	52	44	38	38	50	43	38	48	42	38	35	35	35	35		
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8	59	45	37	31	57	45	36	31	43	36	30	30	42	35	30	41	34	30	28	28	28	28		
9	55	42	33	28	54	41	33	27	40	32	27	27	39											

- 1- Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control 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 <small>by EnOcean</small>	LUTRON	LEVITON	OSRAM	PHILIPS <small>EasySense</small>	legrand®
CONTROL UNIT	<input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V ¹	<input type="checkbox"/> FCJS-0-10 Lutron Vive 0-10V Individual Control Models ¹⁴	<input type="checkbox"/> ZL027 -NOW Intellect Power Control Module ¹⁶	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module ¹⁷	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver ¹⁸	<input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller ¹⁹
	<input type="checkbox"/> LEDDU LED Zone Controller 0-10V ¹	<input type="checkbox"/> FCJS-ECO Lutron Vive Eco-system Individual Control Models ¹⁴	<input type="checkbox"/> ZL027 -DLE Intellect Power Control Module ¹⁶	<input type="checkbox"/> EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module ¹⁷		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack ¹⁹
INTEGRAT OCCUPANCY& DAYLIGHT SENSOR	N/A	<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/ Daylight Sensing ²	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System ²	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS200 SNS200 for grouping ²	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor ²
			<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System ²	<input type="checkbox"/> ZBHA- CLM-DIM-ENC Connected Lighting Module DIM ²	<input type="checkbox"/> SNS300 SNS300 for networks ²	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor ²
*WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> EOSCU-W-E0 Occupancy Sensor - Ceiling Mounted ³	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount360° ,occupancy/vacancy sensor ³	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³
*WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> ELLSU-W-E0 Light Level Sensor - Ceiling Mounted ³	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor ³	N/A	<input type="checkbox"/> EN-SCPPH- 1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³	N/A	<input type="checkbox"/> LMLS-400 Single zone switching and dimming digital photosensor ³
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	N/A	N/A	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System <input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System (Must be specified with ZL027-NOW and ZL00J- DOW Control unit) ³	<input type="checkbox"/> EN-CLM- PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor <input type="checkbox"/> 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	<input type="checkbox"/> SNS200-CMP SNS-200 for Grouping ³	N/A
ACCESORIES	N/A	N/A	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	6- Luminaire will be compatible with LEVITON Intellect 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.