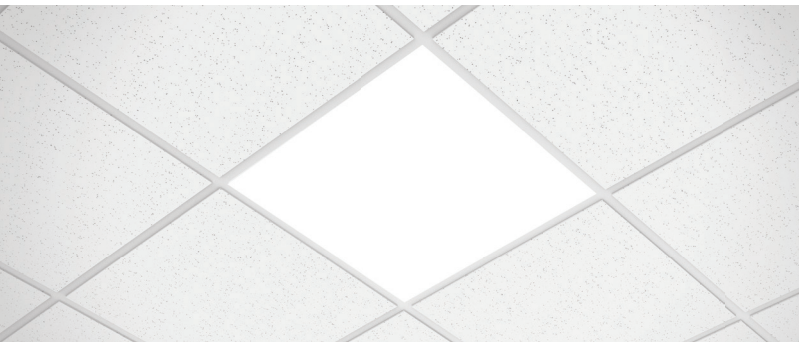
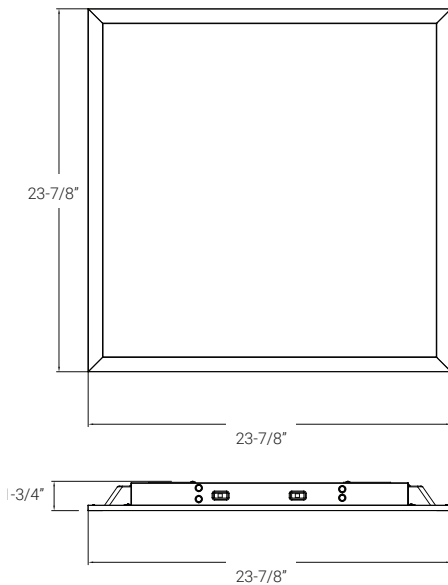




MULTILUMEN SELECTOR

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

DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	4756	38W
4000	3634	28W
3000	3023	24W

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

FEATURES

This backlit LED flat panel boasts an ultra-low UGR<16 while delivering exceptional performance, for a radiant, even, glare-free and energy efficient illumination. Ideal for optimizing shallow plenum spaces and use in new construction or retrofit applications. Standard with multi-lumen and multi-CCT options.

Suitable for recessed or surface mounted installations in commercial office space, retail merchandising, educational, and healthcare facilities. IC rated, and ready for contact with insulation. Available in 1x4 ft, 2x2 ft, and 2x4 ft sizes.

LUMENS	3000L/4000L/5000L
CCT	35K/40K/50K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Recessed
UGR	<16
DIMMING	0-10V Flicker Free 5% Dimming Standard (DIM10)
SIZE:	2' x 2'
FINISH	White
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output
WORKING TEMPERATURE	-20 °C (-4°F) to 50 °C (122°F)
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In accordance with IES LM79-08, LM80 and TM-30, TM-21

OPTICAL PERFORMANCE

UGR Values of 2x2 @ 85CRI and 3000K 70% 50% 20% Coefficients of Utilization - Zonal Cavity Method 4H x 8H room size		
LUMEN PACKAGE	CROSSWISE	ENDWISE
5000L	17.4	17.9
4000L	16.5	17
3000L	16.9	16.9

OPTICS

Features a polystyrene lens and an internal PMMA light guiding plate combine to achieve a uniform, glare-free illumination with an ultra low UGR<16.

Luminaire available in selectable lumens of 3000L/4000L/5000L. Three selectable color temperatures of 30K/35K/50K allow for versatile across different warm to cool moods and atmospheres.

Lumen factory set to 5000L. CCT factory set to 50K.

CONSTRUCTION

Frame built from light weight and durable aluminum with a heavy duty 20-gauge cold rolled steel back panel. Made with fully interlocking corners 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.

Multiple wiring entrances allow for easy daisy chain making, adding power packs, whips, or other accessories in the field, or for continuous row mounting.

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

Features built-in earthquake clips, standard.

MOUNTING

Suitable for Recessed, Suspended, and Surface Mounting.

For Recessed Mounting: Luminaire accommodates 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.

Surface Mounting Kit sold separately. Surface Mounting Kit required when suspending fixture.

MAINTENANCE

Luminaire can be regularly and safely wiped down to ensure optimal performance.

OPTIONS & ACCESSORIES

Luminaires can be shipped pre-installed with whips and modular wiring systems.

Available to order separately with:

10W and 20W Emergency Battery Back-up options
2'x2' Flange Kit and 2'x2' Surface Mount Kit for surface mounting and suspension
Internal Blow fuse and radio interference options
Optional Made in America Compliance
Optional digital lighting manager for ON/OFF 0-10V dimming

See ordering chart for more information.

DIMMING

DIM10 - Flicker Free 5% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current 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.

WARRANTY

5-year warranty for parts and components (labor not included).

LISTINGS

c-UL-us listed for feed through wiring.
DLC listed.
Damp location rated.
IC-Rated, air-tight ready, and ready for direct contact with insulation.
Can be used to comply with Title 24, non residential listing requirements.

Example: **22-FPL1-LUGR-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85**

22-FPL1-LUGR-LED							
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	SENSOR
22-FPL1-LUGR-LED LED FLAT PANEL	3000L/4000L/5000L	DIM10 - 0-10V Dimming	MVOLT 120-277	35K/40K/50K	85	EMG-LED-G3-CP-10W-FLEX EMG-LED-G3-CP-20W-FLEX	22FK - 2' x 2' Flange Kit 22-FPL1-LED-SMK - 2'x2' Surface Mount Kit FBF - Internal Slow Blow Fuse SBF - Radio Interference RIS - Suppressor USA - Made in America Compliance LMFC-011 - Digital Lighting Manager

22-FPL1-LUGR-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(3000L)

TEST NO.: **EL05282463**

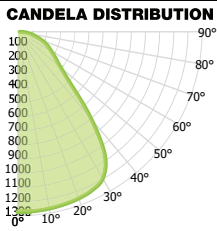
INPUT WATTS: **24.5**

LUMENS: **3023**

EFFICACY: **123**

BEAM ANGLE: **87**

SPACING CRITERIA: **1.32**



CANDELA TABLE

	0°	90°
0°	1274	1274
10°	1269	1267
20°	1253	1233
30°	1197	1165
40°	805	924
50°	394	599
60°	269	302
70°	182	166
80°	96	84
90°	12	13

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	3429	3429
45.00°	2031	2794
55.00°	1513	2082
65.00°	1455	1370
75.00°	1363	1236
85.00°	1751	1828

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	129
10° - 20°	356
20° - 30°	563
30° - 40°	658
40° - 50°	505
50° - 60°	342
60° - 70°	227
70° - 80°	146
80° - 90°	64

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	485	16%
0° - 30°	1048	35%
0° - 40°	1705	56%
0° - 60°	2552	84%
0° - 80°	2925	97%
0° - 90°	2988	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	35.4 fc	11.3 ft	13.5 ft
8.0 ft	19.9 fc	15.1 ft	18.0 ft
10.0 ft	12.7 fc	18.9 ft	22.5 ft
12.0 ft	8.8 fc	22.7 ft	27.0 ft
14.0 ft	6.5 fc	26.5 ft	31.5 ft
16.0 ft	5.0 fc	30.3 ft	36.0 ft
18.0 ft	3.9 fc	34.0 ft	40.5 ft
20.0 ft	3.2 fc	37.8 ft	45.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	pw	70%	50%	80%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	111	111	111	106	106	106	106	101	101	101	99	99	99	0%
1	110	105	101	98	107	103	99	96	98	96	93	94	92	90	91	89	87	85	85	85	0%
2	101	93	87	82	98	91	86	81	88	83	79	84	80	77	81	78	75	73	73	73	0%
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63	63	63	0%
4	86	75	67	61	84	73	66	60	71	64	59	68	63	58	66	61	57	55	55	55	0%
5	79	68	59	53	77	66	59	53	64	57	52	62	56	52	60	55	51	49	49	49	0%
6	74	61	53	47	72	61	53	47	59	52	47	57	51	46	55	50	46	44	44	44	0%
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39	39	39	0%
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	41	37	35			

22-FPL1-LUGR-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(5000L)

TEST NO.: **EL08292458**

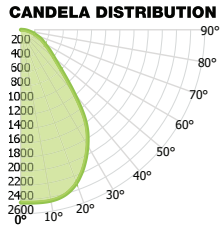
INPUT WATTS: **38.4**

LUMENS: **4756**

EFFICACY: **124**

BEAM ANGLE: **80**

SPACING CRITERIA: **1.15**



CANDELA TABLE

	0°	90°
0°	2441	2441
10°	2452	2376
20°	2301	2170
30°	1886	1814
40°	1172	1343
50°	614	882
60°	389	419
70°	234	231
80°	111	136
90°	2	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	6568	6568
45.00°	3127	4155
55.00°	2292	2944
65.00°	2026	1980
75.00°	1822	1774
85.00°	1899	2410

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	232
10° - 20°	661
20° - 30°	950
30° - 40°	997
40° - 50°	751
50° - 60°	500
60° - 70°	331
70° - 80°	204
80° - 90°	81

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	893	19%
0° - 30°	1843	39%
0° - 40°	2840	60%
0° - 60°	4092	86%
0° - 80°	4626	97%
0° - 90°	4707	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	67.8 fc	10.0 ft	10.8 ft
8.0 ft	38.1 fc	13.3 ft	14.4 ft
10.0 ft	24.4 fc	16.7 ft	18.1 ft
12.0 ft	16.9 fc	20.0 ft	21.7 ft
14.0 ft	12.5 fc	23.3 ft	25.3 ft
16.0 ft	9.5 fc	26.7 ft	28.9 ft
18.0 ft	7.5 fc	30.0 ft	32.5 ft
20.0 ft	6.1 fc	33.3 ft	36.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%				
	pc	80%				70%				50%				30%				10%			
pw	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	106	106	106	101	101	101	101	99		
1	110	106	102	99	107	103	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	77	74			
3	94	85	77	72	91	83	76	71	80	74	70	77	72	68	75	71	67	65			
4	87	76	69	63	85	75	68	62	72	66	61	70	65	60	68	63	59	57			
5	81	69	61	55	79	68	61	55	66	59	54	64	58	54	62	57	53	51			
6	75	63	55	49	73	62	55	49	60	54	49	59									

- 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 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-010 Lutron Vive 0-10V Individual Pow Pak (Luminaire is shipped Vive Enabled) ^{1,4} ☐ FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminaire is shipped Vive Enabled) ^{1,4}	☐ CU-4E-FMH Fixture Mount Control Unit ^{1,5}	☐ ZL027 –NOW Intellect Power Control Module ^{1,6} ☐ ZL027 –NOW 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} ☐ ZBHA-CLM-DIM-ENC Connected Lighting Module DIM ^{1,7}	☐ SBR-BS Xitanium SR Bridge ^{1,8}	☐ LMFC-011 ON/OFF/0-10V dimming fixture controller ^{1,9}
INTEGRAT SENSOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
*WIRELESS OCCUPANCY SENSOR	☐ EOSCU-W-EO Occupancy Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit) ³	N/A	N/A	N/A	N/A	N/A	☐ LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³
*WIRELESS DAYLIGHT SENSOR	☐ ELLSU-W-EO Light Level Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit) ³	N/A	N/A	N/A	N/A	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 ³ ☐ SU-5E-CL Connected Lighting Micro Sensor ³ ☐ SU-5E-IL Independent Lighting / Enlighted One Micro Sensor ³ ☐ SU-5S-H-(IoT/CL/IL) Surface Mount Sensor ³ (Must be specified with CU-4E-FMH Control Unit)	☐ ZL00J -TOW Intellect Intelligent Fixture Control System ³ (Must be specified with ZL027 –NOW Control Unit)	☐ EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor ☐ EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³ (Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit)	☐ SNS200-CMP SNS200 for grouping ³	N/A
ACCESSORIES	N/A	N/A	☐ TMC-SU-5E Tile Mount Carrier ☐ CBL-5E-CU4-30N 30 inch Sensor Cable for CU-4 and IoT Ready™ drivers ☐ CBL-5E-CU4-7F 7 foot Sensor Cable for CU-4 and IoT Ready™ drivers	N/A	N/A	N/A	N/A
NOTES	N/A	4- Luminaire will be compatible with Lutron LRF2-OCR2B-P-WH Ceiling mount 360° occupancy/vacancy sensor & LRF2-DCRB-WH Ceiling-mount daylight sensor. Sensors must be ordered through Lutron.	5- Luminaire will be compatible with ENLIGHTED SU-5E-IoT, SU-5E-CL, SU-5E-IL, SU-5S-H, Sensors.	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 Sensors	8- Luminaire will be compatible with Philips field and wireless switch.	9- Luminaire will be compatible with DLM Room control system LMPB-100. DLM control system must be ordered through Legrand.