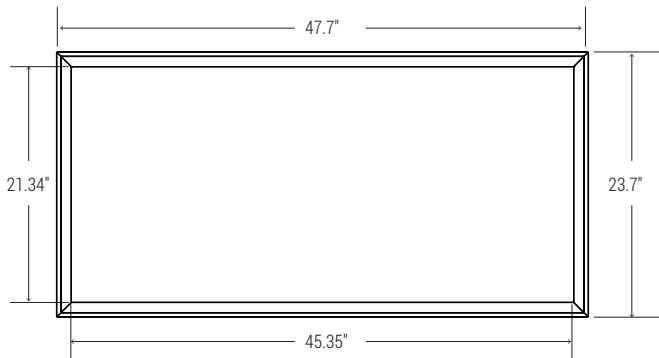
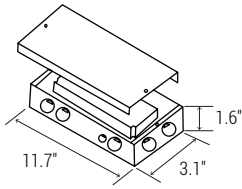
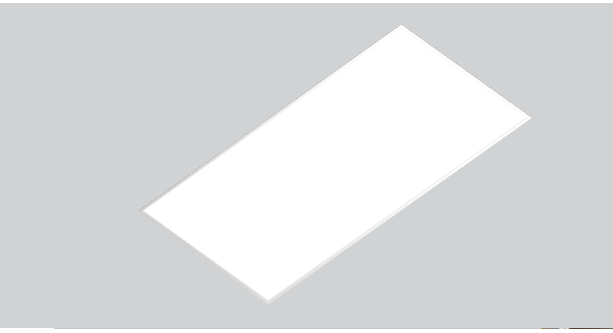




NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	5877	49.9W
5000	5213	52.6 W
4000	4275	41.4 W
3500	3795	36 W
3000	3185	30.2 W

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

FEATURES

This fully luminous LED flat panel delivers exceptional performance and aesthetically pleasing optics, optimizing shallow plenum spaces. Perfect for new construction applications or retrofitting existing fluorescent troffer luminaires. It offers a range of dimming, lumen and CCT options. Perfect for either recessed or surface mounted installations, it's an ideal choice for commercial office space, retail merchandising, educational, and healthcare facilities.

LUMENS	3000, 3500, 4000, 5000, 6000
CCT	30K, 35K, 40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x4', 2'x2', 1'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, DIMST, ELDO10.1, ELDO10.1, DALI.1
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 83,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

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 proprietary optical system utilizes a unique combination of reflective and refractive optical components to achieve a uniform, aesthetically pleasing appearance. Use of a guide plate laser allows high density pixels to shine, creating an even illumination with no glare, while maintaining a high efficiency.

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. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

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. Available on all luminaires up to 40 watts.

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

ELD010.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%. Available on all luminaires up to 100 watts.

DALI - DALI DT6, DT8 dimming down to 1%. Available on all luminaires up to 100 watts.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%. Available on all luminaires up to 100 watts.

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.

Listed for DLC, California Title 24 compliant.

c UL us : IC rated

Example: 24-FPL1-LED-6000L-DIM10-MVOLT-30K-85

24	FPL1	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
24 - 2' X 4'	FPL1 - LED Flat Panel	LED	3000L - 3000 lumens 3500L - 3500 lumens 4000L - 4000 lumens 5000L - 5000 lumens 6000L - 6000 lumens	DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLume LUT2W - Lutron 2Wire LUTFTB - Lutron Fade to Black ELD010.1 - EldoLED 0-10V ELDODALI - EldoLED DALI ELDODMX - EldoLED DMX	MVOLT 347* *Consult factory for details	30K 35K 40K 50K	85	0-EMG-LED-10W 0-EMG-LED-20W	24FK - 2'x4' Flange Kit SBF - 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 - Daylight Dimming Photosensor FS-305RC - Low Voltage Motion Sensor FS-355 - Line Voltage Motion Sensor LMFC-011 - Digital Lighting Manager

24-FPL1-LED-3000L-DIM10-MVOLT-40K-85

INPUT WATTS: 30.2

LUMENS: 3185

CRI: 85

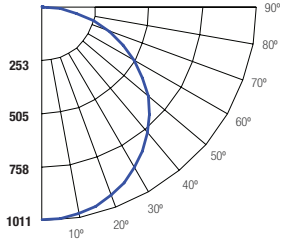
EFFICACY: 105

CCT: 4000K

TEST NO.: EL101864

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	371.55	11.70	11.70
0-30	795.33	25.00	25.00
0-40	1318.65	41.50	41.40
0-60	2394.12	75.30	75.20
0-80	3064.47	96.30	96.20
0-90	3155.73	99.20	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1379	1347	1331
55	1375	1331	1309
65	1351	1290	1261
75	1309	1213	1166
85	1340	1126	1025

Lumens Per Zone

Zone	Lumens
0-10	95.75
10-20	275.79
20-30	423.78
30-40	523.33
40-50	556.53
50-60	518.94
60-70	413.28
70-80	257.06
80-90	91.26

Candela Tabulation

0	1010.946
0	1010.946
5	1007.700
15	979.030
25	922.460
35	837.400
45	725.430
55	586.860
65	424.810
75	252.050
85	86.870
90	21.620

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROW CAVITY RATIO	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	108	103	98	94	105	100	96	92	96	93	89	92	89	86	88	86	84	81			
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67			
	3	89	78	69	62	86	76	68	62	76	66	61	76	64	59	72	58	56	54			
	4	81	69	60	53	79	67	59	52	65	57	51	62	56	50	60	54	50	47			
	5	74	61	52	45	72	60	51	45	58	50	44	56	49	43	54	48	43	41			
	6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35			
	7	64	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31			
8	59	45	37	31	57	44	36	30	43	36	30	42	35	30	40	34	30	28				
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25				
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL1-LED-3500L-DIM10-MVOLT-40K-85

INPUT WATTS: 36

LUMENS: 3795

CRI: 85

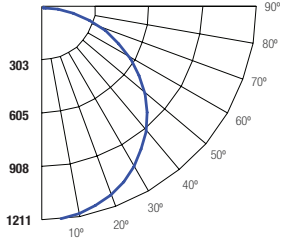
EFFICACY: 105

CCT: 4000K

TEST NO.: EL101863

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	444.62	11.70	11.70
0-30	950.51	25.10	25.00
0-40	1571.44	41.50	41.40
0-60	2854.83	75.30	75.20
0-80	3652.48	96.40	96.20
0-90	3759.77	99.20	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1600	1633	1654
55	1581	1626	1651
65	1528	1592	1627
75	1433	1537	1580
85	1324	1544	1623

Lumens Per Zone

Zone	Lumens
0-10	114.65
10-20	329.97
20-30	505.90
30-40	620.93
40-50	663.75
50-60	619.65
60-70	492.43
70-80	305.22
80-90	107.30

Candela Tabulation

0	1210.666
0	1210.666
5	1203.610
15	1163.620
25	1089.950
35	981.840
45	841.590
55	674.580
65	480.470
75	275.860
85	85.840
90	16.110

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAPACITY RATIO	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	108	103	98	94	105	100	96	93	96	93	89	92	89	87	88	86	84	82	
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67	
	3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	62	58	56	
	4	81	69	60	53	79	67	59	52	57	51	46	55	50	45	54	47	43	41	
	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41	
	6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35	
	7	64	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31	
8	59	45	37	31	57	45	36	30	43	36	30	42	35	30	40	34	30	28		
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25		
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL1-LED-4000L-DIM10-MVOLT-40K-85

INPUT WATTS: 41.4

LUMENS: 4275

CRI: 85

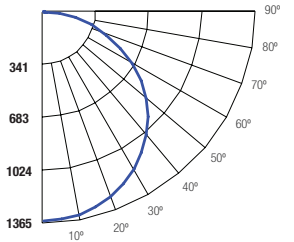
EFFICACY: 103

CCT: 4000K

TEST NO.: EL101862

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	501.39	11.70	11.70
0-30	1071.8	25.10	25.10
0-40	1771.83	41.50	41.40
0-60	3215.52	75.30	75.20
0-80	4114.4	96.40	96.20
0-90	4235.29	99.20	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1838	1807	1803
55	1822	1780	1777
65	1773	1717	1719
75	1680	1595	1606
85	1600	1424	1467

Lumens Per Zone

Zone	Lumens
0-10	129.28
10-20	372.11
20-30	570.41
30-40	700.03
40-50	745.16
50-60	698.52
60-70	555.05
70-80	343.83
80-90	120.89

Candela Tabulation

0	1365.365
0	1365.365
5	1359.770
15	1317.590
25	1237.910
35	1120.370
45	966.620
55	777.610
65	557.390
75	323.540
85	103.750
90	17.980

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%	
ROOM CAPACITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
	1	108	103	98	94	105	100	96	93	96	93	89	92	89	87	88	86	84	82	
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67	
	3	89	78	69	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56	
	4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	47	
	5	74	61	52	45	72	60	51	45	50	44	38	50	44	38	44	41	43	41	
	6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35	
	7	64	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31	
	8	59	45	37	31	57	45	36	30	43	36	30	42	35	30	41	34	30	28	
	9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25	
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL1-LED-5000L-DIM10-MVOLT-40K-85

TEST NO.: **EL101861**

INPUT WATTS: **52.6**

LUMENS: **5213**

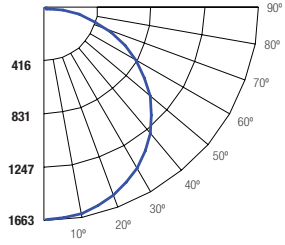
CRI: **85**

EFFICACY: **99**

CCT: **4000K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	610.86	11.70	11.70
0-30	1306.05	25.10	25.10
0-40	2159.53	41.50	41.40
0-60	3914.74	75.20	75.10
0-80	5014.9	96.30	96.20
0-90	5164.68	99.20	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2250	2213	2204
55	2239	2191	2179
65	2190	2124	2111
75	2108	1989	1975
85	2068	1865	1835

Lumens Per Zone

Zone	Lumens
0-10	157.47
10-20	453.39
20-30	695.19
30-40	853.49
40-50	907.32
50-60	847.89
60-70	678.89
70-80	421.27
80-90	149.78

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	1662.749	1656.500	1607.220	1511.290	1369.590	1183.350	955.240	688.460	405.820
10	134.060	28.290							

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%	
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
	1	108	103	98	94	105	100	96	92	96	93	89	92	89	86	88	86	84	81	
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67	
	3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	62	58	56	
	4	81	69	60	53	79	67	59	52	65	57	51	56	50	45	54	50	47	45	
	5	74	61	52	45	72	60	51	45	58	50	44	56	49	43	54	48	43	41	
	6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35	
	7	64	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31	
	8	59	45	37	31	57	44	36	30	43	36	30	42	35	30	40	34	30	28	
	9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25	
	10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-FPL1-LED-6000L-DIM10-MVOLT-35K-85

TEST NO.: **EL07221986**

INPUT WATTS: **49.9**

LUMENS: **5877**

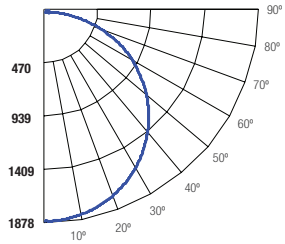
CRI: **85**

EFFICACY: **118**

CCT: **3500K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	688.19	11.70	11.70
0-30	1470.75	25.00	25.00
0-40	2431.07	41.40	41.40
0-60	4406.98	75.00	75.00
0-80	5654.16	96.20	96.20
0-90	5824.5	99.10	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2477	2509	2550
55	2454	2496	2547
65	2385	2442	2509
75	2224	2300	2402
85	2105	2266	2451

Lumens Per Zone

Zone	Lumens
0-10	177.42
10-20	510.77
20-30	782.56
30-40	960.32
40-50	1021.4
50-60	954.50
60-70	768.45
70-80	478.74
80-90	170.33

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	1873.486	1865.940	1803.960	1685.490	1517.590	1302.840	1047.190	749.680	428.270
10	136.500	32.060							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81	
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	76	73	69	67	
	3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56	
	4	81	68	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47	
	5	74	61	52	45	72	60	51	45	58	50	44	56	49	43	53	48	43	41	
	6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35	
	7	63	50	41	34	62	49	40	34	47	39	34	45	39	33	44	38	33	31	
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	40	34	30	28		
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25		
10	52	38	30	25	50	38	30	25	37	29	24	35	29	24	35	29	24	22		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

INTEGRATED SENSOR AND CONTROL OPTIONS

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

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

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®	PHILIPS EasySense	legrand®
POWER PACK	☐ LEDRU - LED Relay Zone Controller 0-10V	☐ Lutron Vive FCJS-010 - Individual Control, 0 to 10V Luminaire	☐ CU-E3-1R	☐ ZL027-NOW - Power control module	☐ SRB	☐ LMFC-011
	☐ LEDDU - LED Zone Controller 0-10V	☐ Lutron Vive FCJS-ECO - Individual Control, Eco System Luminaire	☐ SR Driver		☐ Philips Driver	☐ FS-PP-V2
REMOTE SENSOR			☐ SU-4E-01	☐ ZL00J-DOW - Sensor control module (Downlight Luminaires)	☐ SNS200-CMP	
			☐ SU-5E-CL			