

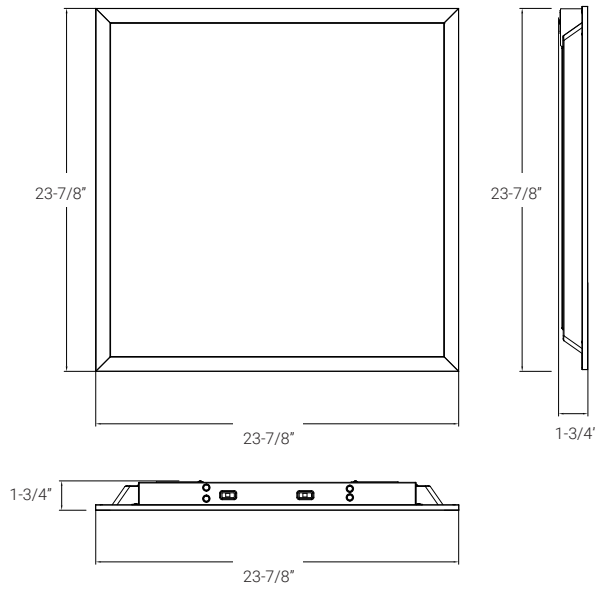


EASY 3 COLORS
SELECTOR
3500K • 4000K • 5000K



FEATURES

The clean design of the XLLF-2x2 provides a modern alternative to traditional fluorescent troffers. Backlit design delivers unmatched uniform light distribution. Easily adjust brightness level (multi-lumen) and color options (multi-CCT) in the field with multi-lumen and multi-CCT selectors.



2000/3000/4000		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4536	37W
3000	3538	28W
2000	2591	19W

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

LUMENS	2000/ 3000/ 4000
CCT	35K/ 40K/ 50K
CRI	85+
UGR	<19
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x4', 2'x2', 1'x4'
MOUNTING	Recessed, Suspended, Surface Mount
DIMMING & CONTROL	0-10V Flicker Free 10% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output
WORKING TEMPERATURE	-20°C (-4°F) to 40°C (104°F).
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21





MAINTENANCE

The driver is removable and upgradable even after installation. Luminaire can be regularly and safely wiped down for peak performance.

OPTICAL SYSTEM

Backlit design provides exceptional light distribution. Illumination is spread across the entire surface of the panel, emitting soft, even light. A 110-degree beam angle ensures clear, shadow-free light.

CONSTRUCTION

20-gauge cold rolled steel body, post-painted for durability. White finish standard. All corners are rounded for safe handling. Multiple wiring entrances allow for easy access.

MOUNTING

Easy to install. Mounting hardware included. Accommodates lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling widths. Four corner tie points and built-in earthquake clips come standard. Options for flange kits, surface mounted kits, and more. SMK required if suspending the fixture.

OPTIONS

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

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 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V and 120-347V

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.

Can be used to comply with Title 24, non residential lighting requirements.

Damp location rated.

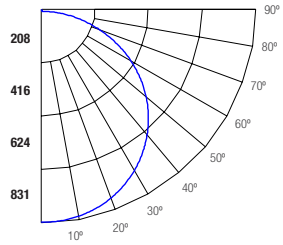
For DesignLights Consortium® (DLC) qualified products please visit www.designlights.org. Not all family members will be listed for DLC Premium or DLC Standard.



XLLF-2x2 (2000L)

INPUT WATTS: **19.4949** LUMENS: **2597** CRI: **N/A** EFFICACY: **133** CCT: **3500K** SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	305.14	11.70	11.70
0-30	652.69	25.10	25.10
0-40	1079.38	41.60	41.60
0-60	1954.11	75.20	75.20
0-80	2497.12	96.20	96.20
0-90	2571.01	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2226	2269	2283
55	2200	2262	2282
65	2136	2227	2256
75	2018	2162	2200
85	1945	2331	2444

Lumens Per Zone

Zone	Lumens
0-10	78.62
10-20	226.53
20-30	347.55
30-40	426.69
40-50	453.11
50-60	421.62
60-70	334.88
70-80	208.13
80-90	73.89

Candela Tabulation

0	
0.0	829.942
5.0	827.490
15.0	802.200
25.0	753.010
35.0	680.450
45.0	585.350
55.0	469.270
65.0	335.710
75.0	194.290
85.0	63.040
90.0	10.750

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

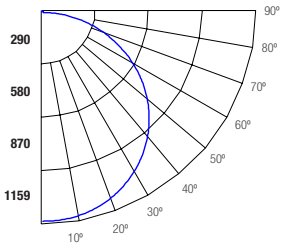
RC	RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81	
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67	
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	62	56	50	60	54	50	47	
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

XLLF-2x2 (3000L)

INPUT WATTS: **28.8** LUMENS: **3638** CRI: **N/A** EFFICACY: **126** CCT: **3500K** SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	424.85	11.70	11.70
0-30	908.79	25.00	25.00
0-40	1503.04	41.30	41.30
0-60	2730.86	75.10	75.10
0-80	3496.32	96.10	96.10
0-90	3600.78	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3096	3153	3181
55	3061	3143	3184
65	2971	3094	3150
75	2838	3033	3117
85	2711	3244	3469

Lumens Per Zone

Zone	Lumens
0-10	109.45
10-20	315.39
20-30	483.94
30-40	594.25
40-50	635.45
50-60	592.37
60-70	470.92
70-80	294.54
80-90	104.46

Candela Tabulation

0	
0.0	1155.504
5.0	1152.370
15.0	1116.480
25.0	1048.560
35.0	947.260
45.0	814.280
55.0	653.000
65.0	467.050
75.0	273.200
85.0	87.900
90.0	14.460

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

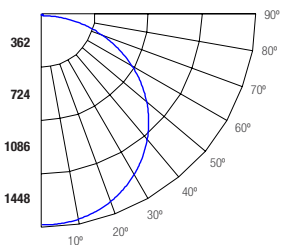
RC	RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81	
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	76	73	69	67	
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56	
4	81	69	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	55	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	39	32	27	38	32	27	37	31	27	25	
10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	35	28	24	22	

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

XLLF-2x2 (4000L)

INPUT WATTS: **37.4** LUMENS: **4536** CRI: **N/A** EFFICACY: **121** CCT: **3500K** SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	530.24	11.70	11.70
0-30	1134.29	25.00	25.00
0-40	1876.05	41.40	41.40
0-60	3402.22	75.00	75.00
0-80	4358.49	96.10	96.10
0-90	4489.77	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3865	3938	3974
55	3820	3925	3981
65	3708	3862	3940
75	3544	3783	3918
85	3384	4051	4368

Lumens Per Zone

Zone	Lumens
0-10	136.60
10-20	393.64
20-30	604.05
30-40	741.77
40-50	788.05
50-60	738.12
60-70	588.50
70-80	367.77
80-90	131.28

Candela Tabulation

0	
0.0	1441.952
5.0	1437.640
15.0	1393.830
25.0	1308.550
35.0	1182.000
45.0	1016.650
55.0	814.920
65.0	582.820
75.0	341.150
85.0	109.710
90.0	18.020

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
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	83	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	55	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	36	29	24	35	29	24	35	28	24	22	

RC - Ceiling Cavity Reflectance RW - Wall Reflectance