

SSL-FCLED2X4 SERIES



SSL-FCLED2X4

Product Description

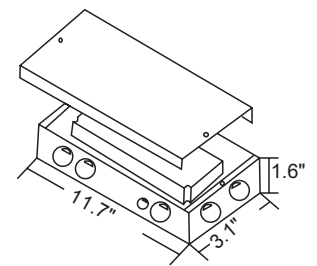
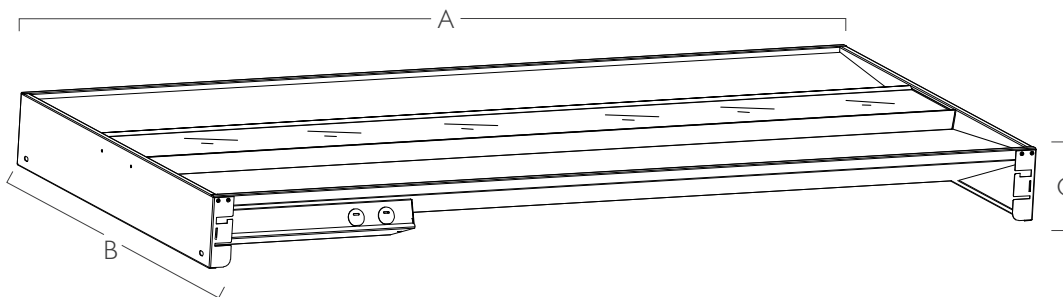
The SSL-FCLED2X4 is UL, DLC Listed, delivering high lumen of exceptional 80+ CRI light while achieve 106 lumens per watt. It is available in 4000K and 5000K DLC CCT options and 0 - 10V dimming, which is perfect for new construction applications or retrofitting existing fluorescent troffer fixtures with recessed installation, widely used in office spaces, major retail stores, education, government, healthcare, and hospitality.

Recommend Dimmers

- Leviton cat, Nos: AWRMG-7XX, AWSMG-7XX, AWSMT-7XX, IP710-LFX/DLX. Available at: www.leviton.com.
- Lutron cat, Nos: DIVA-DVTV, NOVA-NVTV, NOVAT-NTFTV W/PP20. Available at: www.lutron.com.

Features

- LED Chip
By using approved LM-80 SMD packing, active color management maintains superior color consistency overtime and temperature. Every fixture is tuned as a complete system to the optimal color point before shipment, ensuring fixture-to-fixture color consistency.
- Construction
It is made of steel and commercial quality paint coating. With bigger size MCPCB for better thermal management, it can separate heat dissipation to reduce the weight of the lamp heat sinking. IP Rating is Ip20. It has additional Zhaga standard mounting hole.
- Optical System
With central lens door, it is easy to replace the PCBA. It comes with double diffusion material to even the surface brightness. It is covered with a mask to prevent glare and also the high optical grade lens provides good efficiency and impact resistance.



Model Number	Input Power	Lumens	CCT	Dimensions (A x B x C)	Volt
SSL-FCLED2X4-7200/40	65W	7010lm	4000K	47.72" x 23.82" x 3.94"	100-277V
SSL-FCLED2X4-7200/50	65W	7228lm	5000K	47.72" x 23.82" x 3.94"	100-277V



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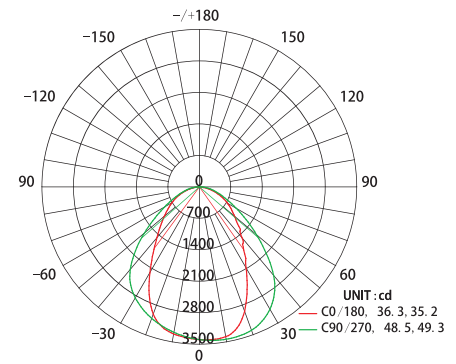


SSL-FCLED2X4-7200/40 & 50

Photometric

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. It specifies the entire luminaires as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

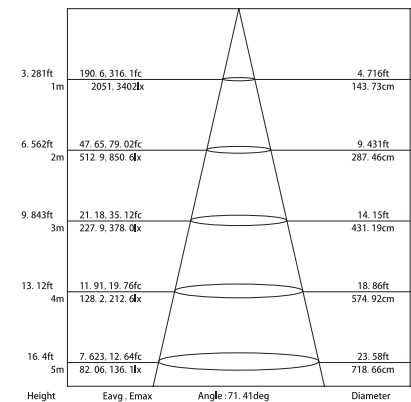
Luminous Intensity Distribution Program



AVERAGE BEAM ANGLE (50%): 84.7 DEG

Average Illuminance Curve

Flux out : 3402 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

PERFORMANCE SUMMARY SSL-FCLED2X4-7200/40 SSL-FCLED2X4-7200/50

Efficiency	108LPW	112.80LPW
Input Voltage	120 - 277V	
Delivered light output	7010 lumens	7228 lumens
Input Power	65W	
CRI	Ra > 80	
CCT Options	4000K, 5000K	
THD	<20% (at 277V)	
Power Factor	>0.9879 (277V)	>0.9903 (277V)
Driver Output	DC36V 1.6A	
Standard Warranty	5 Years	
Standard Lifetime	Designed to L70 minimum 50,000 hours	
Mounting	Recessed	
Optional Function	Motion Sensor Available	
Sign Current	0.04 - 0.37MA	
Certificate	UL, cUL Listed, Energy Star Listed, FCC 47 Part 15, LM79 Report	
Usage	Suitable for damp locations	
Dimming	0 - 10V dimming, 10& - 100% smooth linear dimming	

Zonal Flux Diagram

T	C0	C45C	90	C135	C180	C225	c270	c315
10	3382	3436	3440	3351	3320	3286	3284	3338
20	2941	3266	3392	3154	3008	3072	3110	3067
30	2080	2621	3138	2584	2207	2541	2853	2383
40	1468	1807	2569	1769	1469	1785	2894	1606
50	1025	1182	1662	1123	1026	1169	1599	1058
60	718.0	777.0	940.3	716.1	706.4	781.2	899.2	674.9
70	411.7	463.8	488.4	425.3	423.7	471.2	472.5	401.0
80	96.46	182.2	218.3	186.2	151.9	206.2	208.6	151.6
90	0	0.0017	0.3880	0.6267	0.5909	0.5918	0.6359	0.4158

DEG LUMINOUS INTENSITY:cd

Zonal Lumen Summary

T	φ zone	φ total	lum, lamp
0-10	322.3	322.3	4.6
10-20	922.4	1245	17.8
20-30	1318	2563	36.6
30-40	1378	3941	56.2
40-50	1183	5123	73.1
50-60	885.1	6008	85.7
60-70	595.7	6604	94.2
70-80	325.3	6929	98.8
80-90	76.24	7006	99.9

UNIT:lm

Coefficients of Utilization

ppc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			(CU)												
0.0	197	197	197	192	192	192	184	184	184	176	176	176	169	169	169	165
1.0	175	169	163	172	166	161	165	160	156	158	154	151	152	149	146	143
2.0	156	145	137	152	143	135	147	139	132	141	135	129	136	131	126	123
3.0	139	127	117	136	125	116	131	122	114	127	119	112	123	116	110	107
4.0	125	111	101	123	110	101	118	108	99	115	105	98	111	103	97	93
5.0	113	99	89	111	98	89	108	96	88	104	94	87	101	93	86	83
6.0	103	89	79	101	88	79	98	87	78	95	85	77	93	84	77	74
7.0	94	80	71	92	80	71	90	79	70	88	77	70	86	76	69	66
8.0	86	73	64	85	73	64	83	72	64	81	71	63	79	70	63	60
9.0	80	67	58	79	67	58	77	66	58	75	65	58	74	64	57	54
10.0	74	62	53	73	61	53	72	61	53	70	60	53	69	59	53	50



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