



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LXC2-36-LED-WW-24.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST]LED-5197A  
[TESTLAB]LSI INDUSTRIES  
[ISSUE DATE]02/25/14  
[TEST DATE]02/25/14  
[MANUFACTURER]LSI INDUSTRIES  
[LUMEN CATEGORY]LXC2-36-LED-WW-24  
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.  
[OTHER]TEST PROCEDURE: IESNA LM-79-08  
[ABSOLUTE LUMENS]2360

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2360
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	19.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.75 ft
Luminous Width (90-270)	0.13 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	25926	24908	24289
55	24762	24107	23726
65	21541	22355	22429
75	16439	18372	15955
85	10050	5025	4307

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LXC2-36-LED-WW-24.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	806	806	806	806	806
2.5	828	814	805	797	787
5.0	827	813	804	796	787
7.5	824	810	802	794	785
10.0	820	806	798	790	781
12.5	814	800	792	784	777
15.0	806	793	784	776	769
17.5	797	785	776	767	760
20.0	785	774	765	756	749
22.5	772	762	753	743	735
25.0	758	749	739	727	719
27.5	742	734	723	710	702
30.0	724	716	705	692	683
32.5	706	697	685	672	664
35.0	686	677	663	651	644
37.5	664	655	640	628	621
40.0	638	631	615	605	598
42.5	613	605	590	580	574
45.0	586	578	563	554	549
47.5	555	549	534	527	523
50.0	524	517	505	499	495
52.5	491	484	474	469	465
55.0	454	448	442	439	435
57.5	416	412	408	408	404
60.0	376	372	374	374	370
62.5	333	332	339	340	337
65.0	291	294	302	304	303
67.5	251	257	264	269	268
70.0	211	218	227	233	232
72.5	168	180	190	195	193
75.0	136	145	152	153	132
77.5	107	116	125	86	67
80.0	76	84	71	37	22
82.5	47	58	26	13	13
85.0	28	30	14	12	12
87.5	16	14	12	11	11
90.0	0	0	0	0	0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LXC2-36-LED-WW-24.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	298.45	N.A.	12.60
0-30	638.79	N.A.	27.10
0-40	1054.03	N.A.	44.70
0-60	1885.69	N.A.	79.90
0-80	2334.19	N.A.	98.90
0-90	2359.62	N.A.	100.00
10-90	2282.98	N.A.	96.80
20-40	755.58	N.A.	32.00
20-50	1191.49	N.A.	50.50
40-70	1127.81	N.A.	47.80
60-80	448.50	N.A.	19.00
70-80	152.35	N.A.	6.50
80-90	25.43	N.A.	1.10
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2359.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	76.64
10-20	221.81
20-30	340.34
30-40	415.25
40-50	435.91
50-60	395.75
60-70	296.15
70-80	152.35
80-90	25.43
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

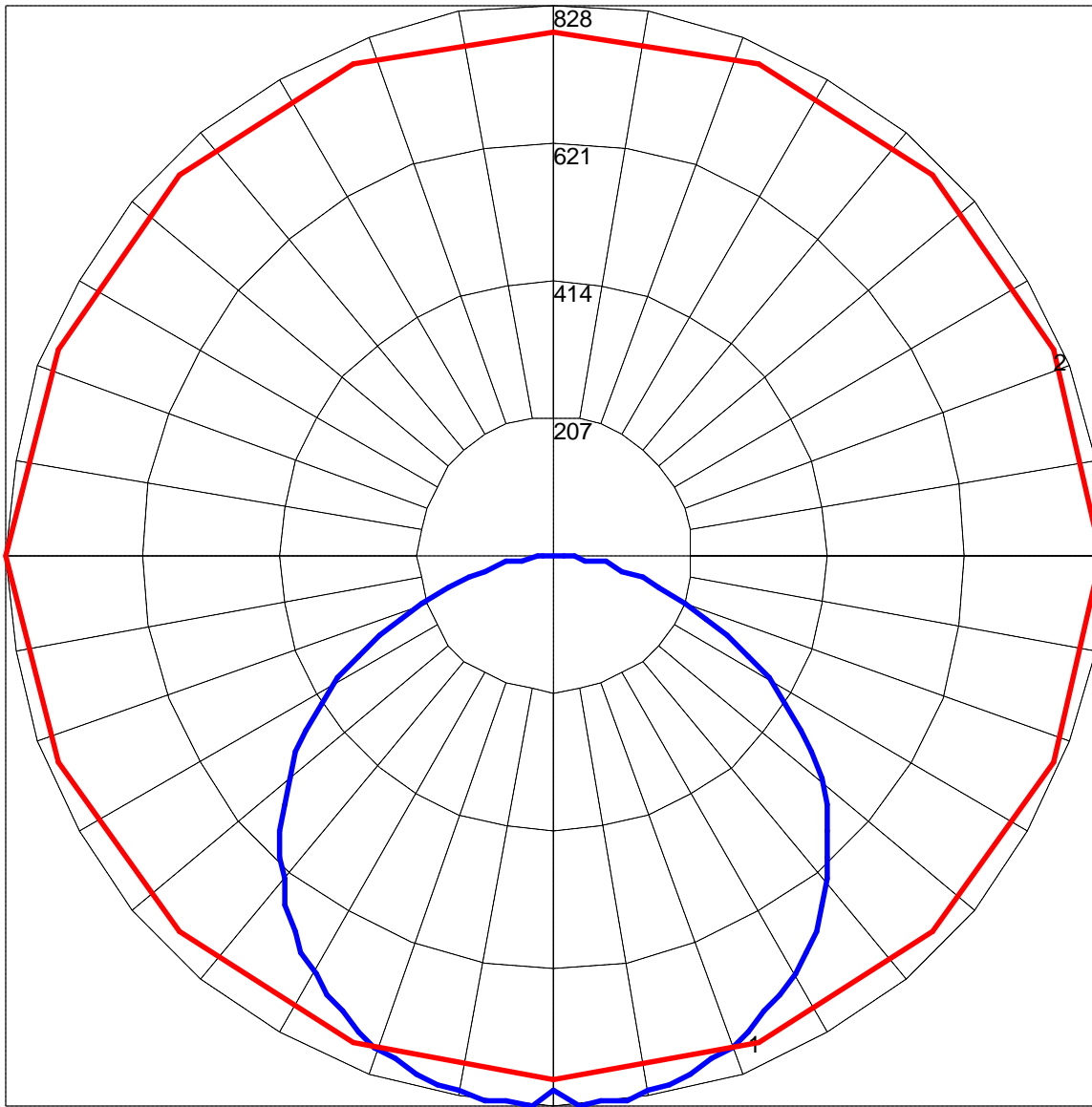
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LXC2-36-LED-WW-24.IES**

**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
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	96	89	83	78	86	80	76	82	78	74	79	76	72	70
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27
10	53	40	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 828 Located At Horizontal Angle = 0, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)