



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-5171A
[TESTLAB]LSI INDUSTRIES
[ISSUE DATE]02/19/14
[TEST DATE]02/19/14
[MANUFACTURER]LSI INDUSTRIES
[LUMEN CATEGORY]LXC2-36-LED-NW-24
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE LUMENS]2381

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2381
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	26413	25130	24554
55	25471	24380	24053
65	22207	22799	22873
75	16318	19219	16197
85	6102	2872	1436

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LXC2-36-LED-NW-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	811	811	811	811	811
2.5	838	821	810	801	793
5.0	836	820	809	801	792
7.5	833	818	807	799	790
10.0	829	813	802	795	786
12.5	823	808	796	789	781
15.0	816	800	789	781	773
17.5	807	791	779	771	764
20.0	797	780	768	760	752
22.5	784	768	755	747	739
25.0	770	755	741	733	724
27.5	754	740	725	717	707
30.0	736	723	707	699	690
32.5	717	704	688	679	671
35.0	697	683	667	659	650
37.5	673	661	644	637	629
40.0	650	637	619	612	606
42.5	624	611	594	587	582
45.0	597	584	568	561	555
47.5	568	555	539	534	529
50.0	536	524	510	506	500
52.5	504	491	478	476	471
55.0	467	456	447	446	441
57.5	428	419	413	414	410
60.0	384	381	379	380	379
62.5	343	341	344	346	346
65.0	300	300	308	311	309
67.5	259	260	271	275	274
70.0	216	221	233	238	235
72.5	173	183	195	194	173
75.0	135	144	159	139	134
77.5	96	109	108	91	85
80.0	65	78	69	47	44
82.5	37	49	31	22	12
85.0	17	22	8	5	4
87.5	4	5	3	3	3
90.0	0	0	0	0	0

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	300.59	N.A.	12.60
0-30	643.52	N.A.	27.00
0-40	1062.95	N.A.	44.60
0-60	1906.1	N.A.	80.00
0-80	2360.19	N.A.	99.10
0-90	2381.3	N.A.	100.00
10-90	2304.09	N.A.	96.80
20-40	762.36	N.A.	32.00
20-50	1203.48	N.A.	50.50
40-70	1145.63	N.A.	48.10
60-80	454.09	N.A.	19.10
70-80	151.62	N.A.	6.40
80-90	21.11	N.A.	0.90
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	2381.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	77.21
10-20	223.38
20-30	342.93
30-40	419.43
40-50	441.13
50-60	402.03
60-70	302.48
70-80	151.62
80-90	21.11
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

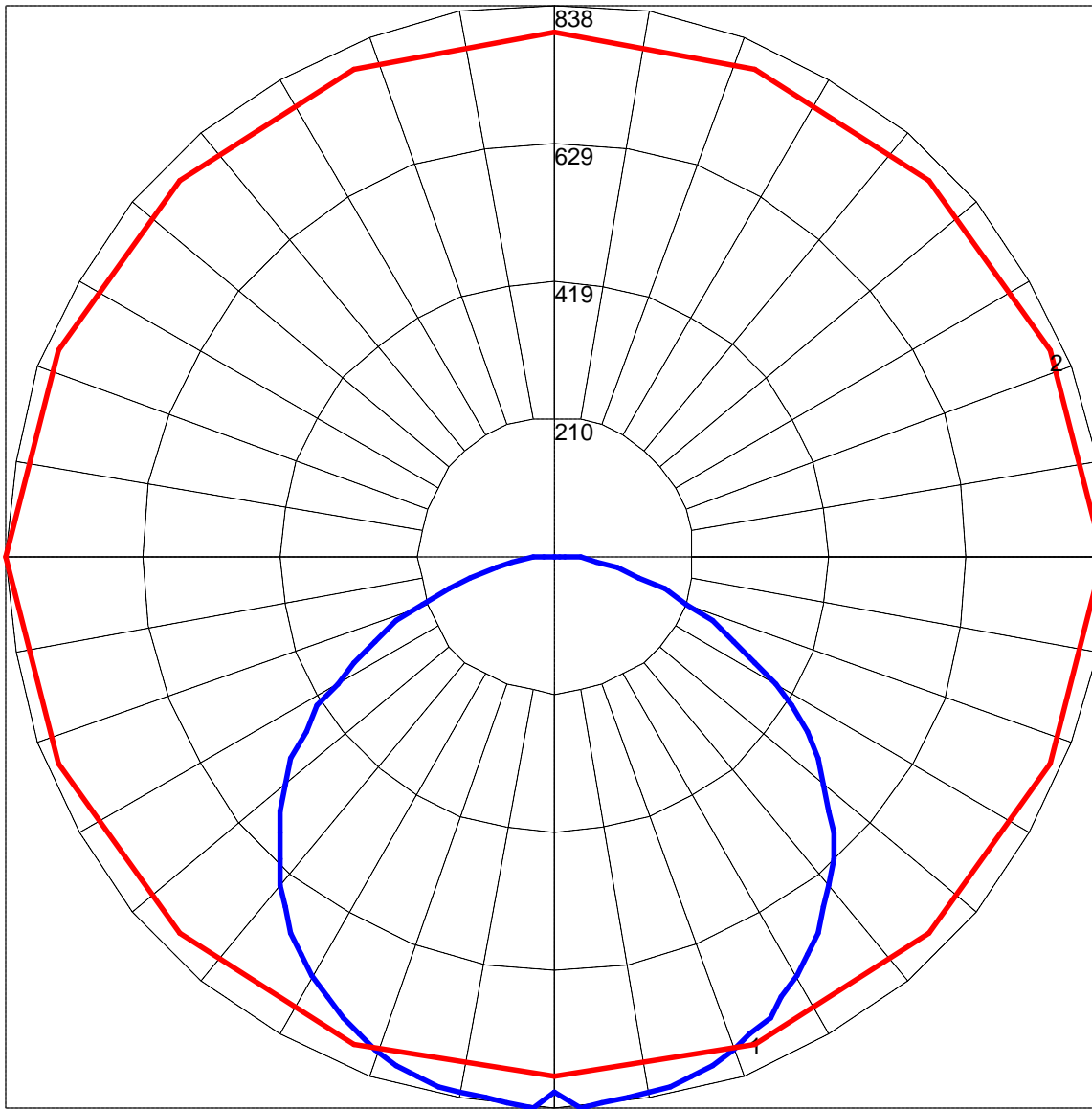
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LXC2-36-LED-NW-24.IES

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	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	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 = 838 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.)