



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC24-LED-30L-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8881
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]05/10/17
[TEST DATE]05/10/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPASC24-LED-30L-35
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[SEARCH_SOURCE TYPE] LED
[SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3039
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	25
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.98 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1116	1283	1418
55	1033	1286	1485
65	951	1331	1623
75	871	1533	2031
85	779	2026	2073

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	912	912	912	912	912
2.5	934	920	913	906	898
5.0	932	919	912	905	897
7.5	929	916	910	905	898
10.0	922	911	908	903	897
12.5	914	904	903	901	896
15.0	904	895	896	897	894
17.5	890	883	888	893	890
20.0	875	870	879	887	886
22.5	855	853	865	877	877
25.0	834	834	852	868	869
27.5	810	814	835	857	860
30.0	784	791	818	844	850
32.5	754	764	797	827	835
35.0	724	736	775	812	820
37.5	690	705	750	791	802
40.0	655	674	725	771	782
42.5	618	640	698	748	761
45.0	581	607	668	723	738
47.5	545	573	638	697	712
50.0	508	537	607	668	686
52.5	473	503	576	641	658
55.0	436	468	543	610	627
57.5	401	435	513	580	600
60.0	367	399	479	549	568
62.5	328	362	445	516	535
65.0	296	330	414	486	505
67.5	261	296	380	452	473
70.0	230	265	351	422	441
72.5	198	235	322	395	421
75.0	166	206	292	381	387
77.5	135	175	263	338	359
80.0	107	149	237	288	292
82.5	77	122	195	222	218
85.0	50	95	130	134	133
87.5	26	54	63	70	73
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	340.40	N.A.	11.20
0-30	733.03	N.A.	24.10
0-40	1216.71	N.A.	40.00
0-60	2211.54	N.A.	72.80
0-80	2916.1	N.A.	95.90
0-90	3039.26	N.A.	100.00
10-90	2952.29	N.A.	97.10
20-40	876.31	N.A.	28.80
20-50	1389.00	N.A.	45.70
40-70	1398.13	N.A.	46.00
60-80	704.56	N.A.	23.20
70-80	301.26	N.A.	9.90
80-90	123.16	N.A.	4.10
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	3039.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.97
10-20	253.43
20-30	392.63
30-40	483.68
40-50	512.69
50-60	482.15
60-70	403.30
70-80	301.26
80-90	123.16
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

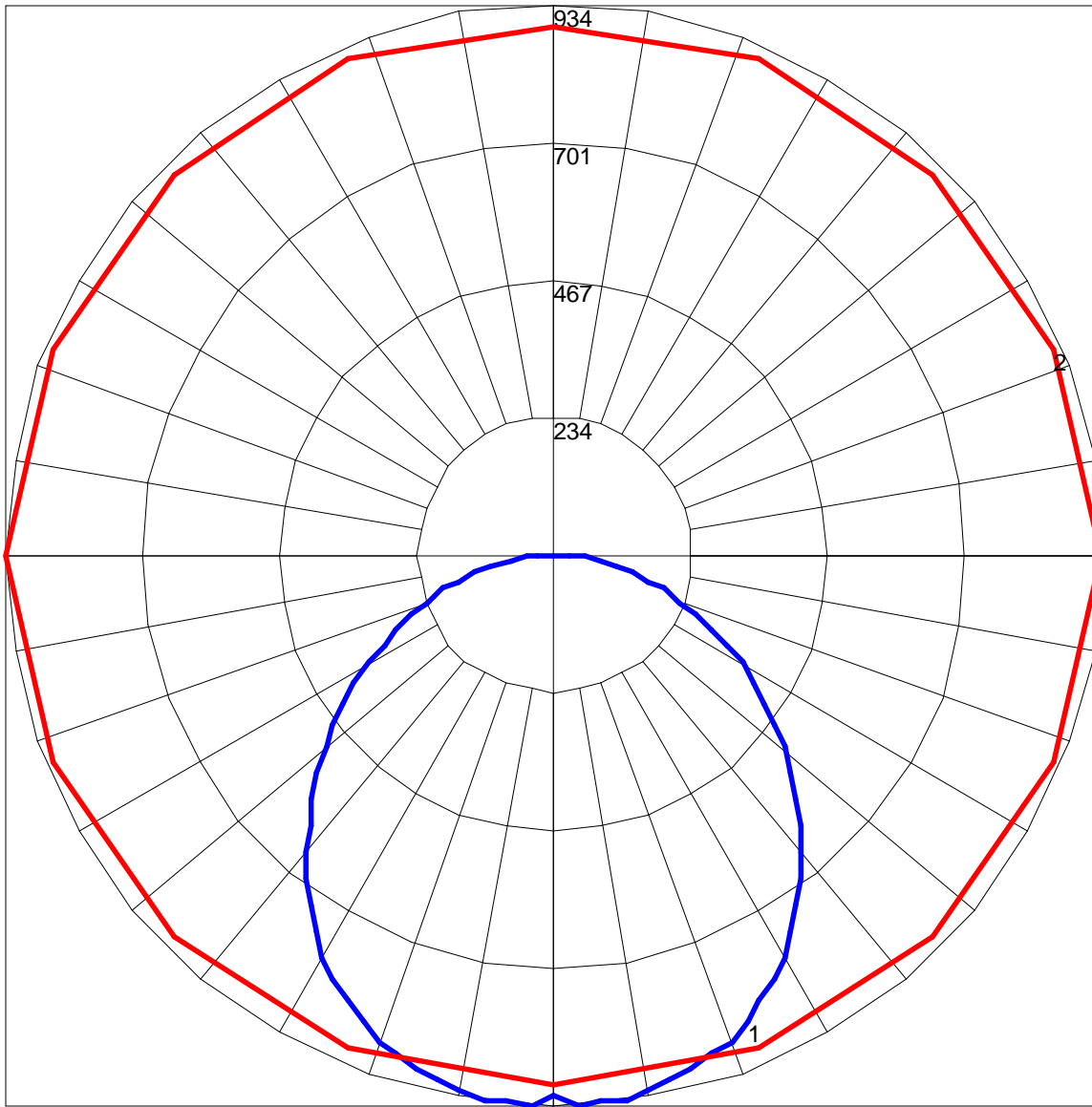
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	107	102	97	93	104	99	95	91	95	91	88	91	88	85	87	85	83	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	54
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	59	50	43	57	49	43	54	48	42	53	47	42	39
6	68	54	44	38	66	53	44	37	51	43	37	49	42	37	48	41	36	34
7	63	49	39	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30
8	58	44	35	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24
10	51	37	29	24	50	37	29	24	36	29	24	35	28	24	34	28	23	22

POLAR GRAPH



Maximum Candela = 934 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.)