



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC24-LED-35L-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8913_Scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]07/10/17
[TEST DATE]05/16/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPEC24-LED-35L-35
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[OTHER]SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3592
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	28.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.48
Spacing Criterion (Diagonal)	1.52
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	1277	1536	1750
55	1201	1591	1930
65	1108	1656	2186
75	995	1797	2630
85	868	2105	2714

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC24-LED-35L-35.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	999.878	999.878	999.878	999.878	999.878
2.5	1020.018	1008.171	1001.063	991.586	985.662
5.0	1018.833	1008.171	1001.063	995.140	989.216
7.5	1016.464	1006.986	1001.063	995.140	989.216
10.0	1009.356	1001.063	998.694	995.140	990.401
12.5	1002.248	993.955	995.140	993.955	992.770
15.0	991.586	986.847	990.401	996.324	995.140
17.5	976.185	973.815	984.477	995.140	996.324
20.0	963.153	963.153	978.554	993.955	997.509
22.5	943.013	947.752	970.261	991.586	996.324
25.0	921.689	928.797	959.599	986.847	993.955
27.5	894.441	907.473	946.567	979.739	989.216
30.0	868.378	884.963	931.166	972.630	984.477
32.5	839.945	858.900	914.581	963.153	976.185
35.0	809.143	831.652	895.626	952.491	966.707
37.5	774.787	803.220	876.671	940.644	958.414
40.0	740.431	772.418	851.792	922.874	944.198
42.5	706.075	740.431	829.283	907.473	929.982
45.0	664.611	704.891	799.666	886.148	911.027
47.5	625.516	666.980	770.048	863.639	890.887
50.0	588.791	631.440	740.431	839.945	869.562
52.5	548.511	593.530	707.260	812.697	847.053
55.0	507.047	552.066	671.719	781.895	815.067
57.5	467.953	514.155	636.179	751.093	786.634
60.0	428.858	473.876	598.268	716.737	753.463
62.5	388.578	431.227	557.989	680.012	717.922
65.0	344.745	388.578	515.340	640.917	680.012
67.5	305.650	345.929	472.691	599.453	638.548
70.0	265.371	304.465	430.042	557.989	598.268
72.5	227.460	264.186	386.209	512.971	550.881
75.0	189.550	225.091	342.375	462.029	501.124
77.5	151.640	184.812	294.988	406.349	437.151
80.0	118.469	148.086	246.416	343.560	369.623
82.5	86.482	111.361	193.104	268.925	283.141
85.0	55.680	77.005	135.055	174.149	174.149
87.5	29.617	40.279	63.973	87.667	90.036
90.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC24-LED-35L-35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	375.93	N.A.	10.50
0-30	817.96	N.A.	22.80
0-40	1376.54	N.A.	38.30
0-60	2586.87	N.A.	72.00
0-80	3456.29	N.A.	96.20
0-90	3592.49	N.A.	100.00
10-90	3496.95	N.A.	97.30
20-40	1000.61	N.A.	27.90
20-50	1614.01	N.A.	44.90
40-70	1719.38	N.A.	47.90
60-80	869.41	N.A.	24.20
70-80	360.37	N.A.	10.00
80-90	136.20	N.A.	3.80
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	3592.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	95.54
10-20	280.39
20-30	442.03
30-40	558.58
40-50	613.40
50-60	596.93
60-70	509.04
70-80	360.37
80-90	136.20
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

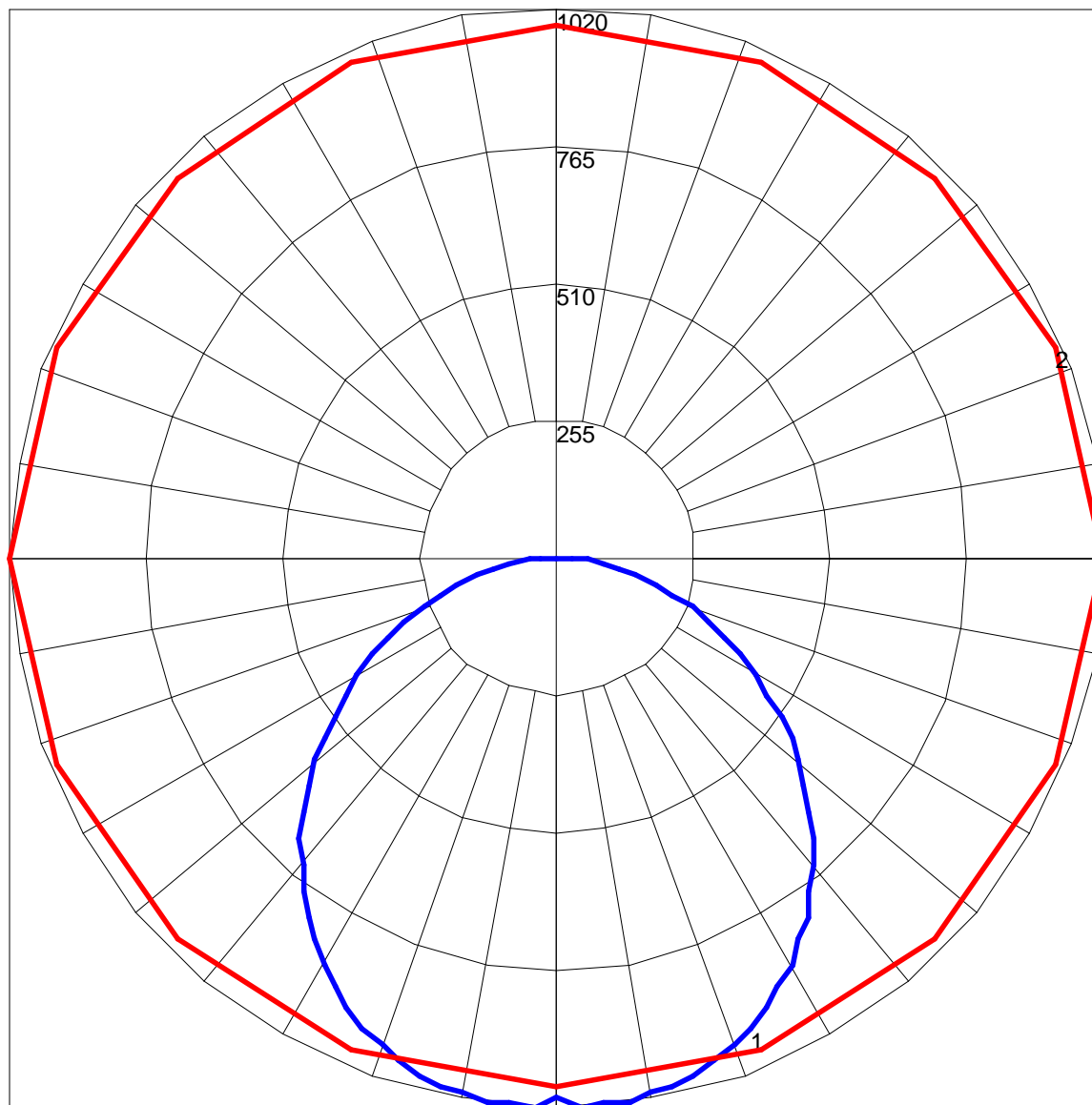
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC24-LED-35L-35.IES

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	107	102	97	92	104	99	95	91	95	91	88	91	88	85	87	85	83	80
2	96	87	80	73	94	85	78	72	82	76	71	78	73	69	75	71	67	65
3	87	76	67	60	85	74	66	59	71	64	58	68	62	57	66	60	56	54
4	80	67	57	50	77	65	56	50	63	55	49	60	54	48	58	52	47	45
5	73	59	50	42	71	58	49	42	56	48	42	54	47	41	52	46	41	38
6	67	53	44	37	65	52	43	37	50	42	36	48	41	36	47	40	35	33
7	62	48	39	32	60	47	38	32	45	38	32	44	37	31	43	36	31	29
8	58	43	35	28	56	43	34	28	41	34	28	40	33	28	39	33	28	26
9	54	40	31	25	52	39	31	25	38	30	25	37	30	25	36	30	25	23
10	50	37	28	23	49	36	28	23	35	28	23	34	27	23	33	27	23	21

POLAR GRAPH



Maximum Candela = 1020.018 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.)