



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC14-LED-25L-35.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST]LED-8850\_scaled  
[TESTLAB]LSI INDUSTRIES, INC  
[ISSUE DATE]07/11/17  
[TEST DATE]04/28/17  
[MANUFACTURER]LSI INDUSTRIES, INC  
[LUMEN CATEGORY]LPASC14-LED-25L-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\_SOURCE TYPE] LED  
[SEARCH\_APPLICATION] Indoor

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2457
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	20.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1907	2134	2319
55	1769	2123	2408
65	1642	2161	2478
75	1505	2150	2087
85	1390	1953	2178

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC14-LED-25L-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	775.573	775.573	775.573	775.573	775.573
2.5	795.054	782.878	776.791	769.485	765.833
5.0	792.619	781.661	776.791	769.485	763.398
7.5	788.966	779.226	774.355	768.268	764.615
10.0	788.966	776.791	773.138	768.268	763.398
12.5	780.443	769.485	768.268	764.615	760.963
15.0	771.920	762.180	763.398	763.398	758.527
17.5	762.180	753.657	754.875	757.310	754.875
20.0	746.352	740.264	743.917	748.787	747.570
22.5	730.524	726.871	732.959	741.482	740.264
25.0	714.696	711.043	722.001	731.742	731.742
27.5	692.780	692.780	707.391	720.784	723.219
30.0	669.647	674.517	691.563	708.608	712.261
32.5	644.079	650.166	673.300	693.998	697.650
35.0	619.728	628.251	655.037	680.605	685.475
37.5	590.507	601.465	633.121	662.342	668.429
40.0	563.721	575.896	612.423	644.079	651.384
42.5	530.847	545.458	586.854	620.945	630.686
45.0	501.626	516.237	561.286	600.247	609.988
47.5	469.970	489.451	536.935	579.549	590.507
50.0	438.314	459.013	508.932	553.981	563.721
52.5	407.876	429.792	483.363	527.195	540.588
55.0	377.437	399.353	452.925	500.409	513.802
57.5	346.999	371.350	427.357	473.623	487.016
60.0	317.778	342.129	396.918	443.185	457.795
62.5	286.122	310.473	367.697	412.746	423.704
65.0	258.118	281.252	339.694	382.308	389.613
67.5	226.462	249.596	308.038	340.911	344.564
70.0	197.241	224.027	276.382	298.297	294.645
72.5	171.673	198.459	243.508	254.466	248.378
75.0	144.887	171.673	206.982	205.764	200.894
77.5	119.319	147.322	169.238	164.368	157.063
80.0	92.533	116.884	129.059	124.189	121.754
82.5	66.965	88.880	94.968	93.751	93.751
85.0	45.049	59.659	63.312	66.965	70.617
87.5	23.133	30.439	30.439	32.874	34.091
90.0	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC14-LED-25L-35.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	289.56	N.A.	11.80
0-30	622.28	N.A.	25.30
0-40	1030.95	N.A.	42.00
0-60	1865.05	N.A.	75.90
0-80	2391.52	N.A.	97.30
0-90	2457.29	N.A.	100.00
10-90	2383.28	N.A.	97.00
20-40	741.39	N.A.	30.20
20-50	1172.8	N.A.	47.70
40-70	1159.86	N.A.	47.20
60-80	526.47	N.A.	21.40
70-80	200.71	N.A.	8.20
80-90	65.77	N.A.	2.70
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	2457.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	74.00
10-20	215.56
20-30	332.72
30-40	408.67
40-50	431.41
50-60	402.68
60-70	325.76
70-80	200.71
80-90	65.77
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

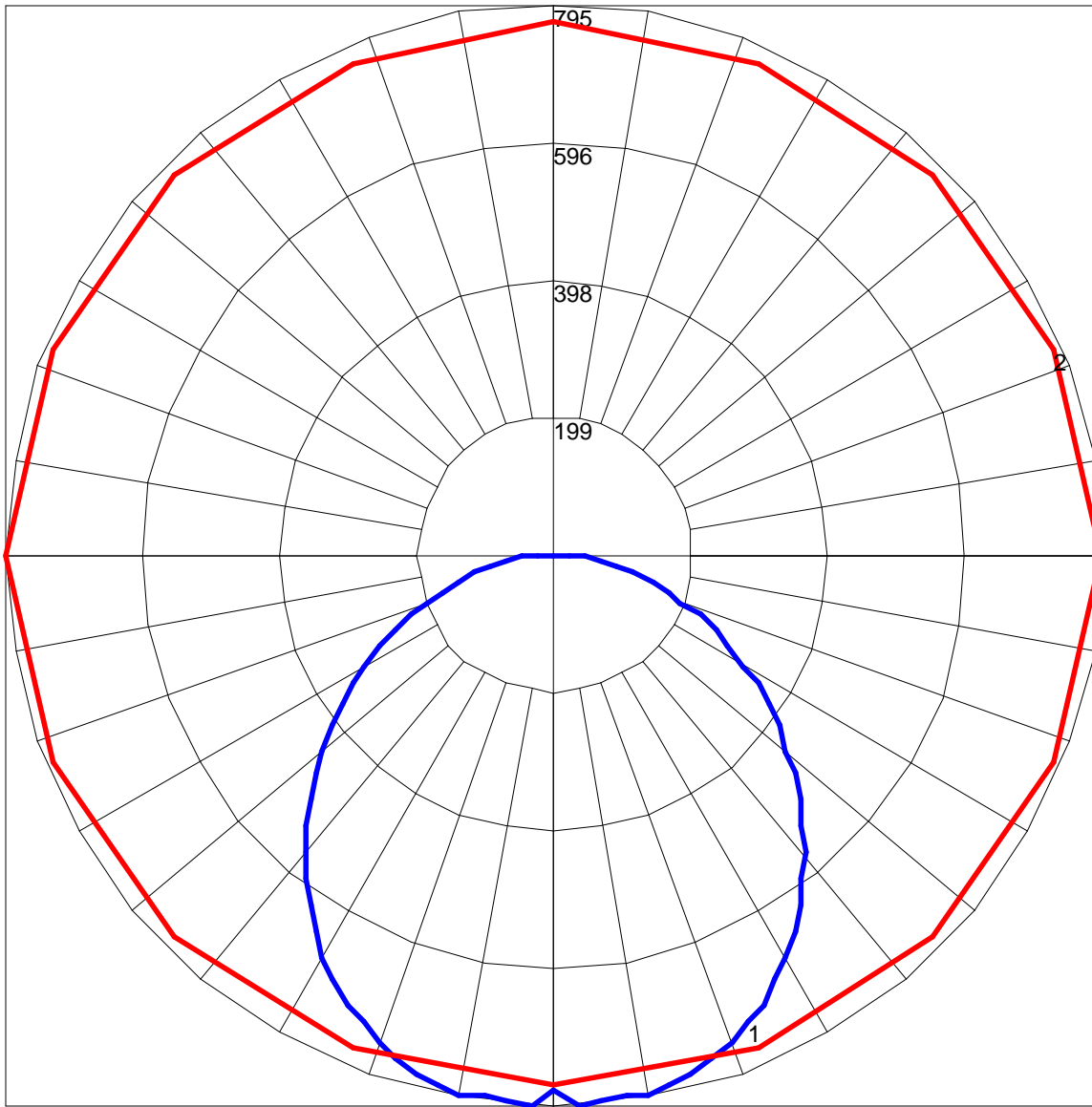
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPASC14-LED-25L-35.IES**

**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	108	103	98	94	105	101	97	93	96	93	90	92	90	87	89	87	84	82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68
3	89	78	69	63	86	76	68	62	73	66	61	70	65	60	68	63	59	56
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	55	50	48
5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	39	50	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	34	31
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	35	30	28
9	55	42	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23

POLAR GRAPH



Maximum Candela = 795.054 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.)