



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC14-LED-25L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8849
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]04/28/17
[TEST DATE]04/28/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPASC14-LED-25L-40
[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	2526
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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	1954	2198	2388
55	1823	2189	2480
65	1673	2214	2519
75	1537	2192	2140
85	1388	1974	2190

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC14-LED-25L-40.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	799	799	799	799	799
2.5	817	805	799	793	787
5.0	817	805	799	794	788
7.5	814	802	797	792	785
10.0	809	799	794	791	786
12.5	803	793	790	788	783
15.0	793	783	783	783	778
17.5	781	774	776	778	775
20.0	768	762	767	772	770
22.5	752	749	756	763	761
25.0	734	732	742	753	753
27.5	712	713	727	741	743
30.0	689	692	711	729	732
32.5	663	669	692	715	718
35.0	636	644	673	698	704
37.5	608	618	652	682	689
40.0	578	592	629	664	671
42.5	546	563	605	642	650
45.0	514	532	578	618	628
47.5	482	503	552	594	605
50.0	451	473	525	569	580
52.5	419	442	494	542	555
55.0	389	412	467	515	529
57.5	356	380	438	487	500
60.0	326	349	408	457	470
62.5	294	319	377	426	438
65.0	263	289	348	392	396
67.5	234	259	318	351	355
70.0	205	231	286	307	302
72.5	176	202	249	258	252
75.0	148	176	211	212	206
77.5	121	148	172	167	162
80.0	94	121	134	129	128
82.5	70	92	96	97	98
85.0	45	60	64	69	71
87.5	23	31	33	33	31
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC14-LED-25L-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	297.77	N.A.	11.80
0-30	640.08	N.A.	25.30
0-40	1060.27	N.A.	42.00
0-60	1918.06	N.A.	75.90
0-80	2458.4	N.A.	97.30
0-90	2525.85	N.A.	100.00
10-90	2449.67	N.A.	97.00
20-40	762.51	N.A.	30.20
20-50	1206.46	N.A.	47.80
40-70	1192.81	N.A.	47.20
60-80	540.33	N.A.	21.40
70-80	205.31	N.A.	8.10
80-90	67.45	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	2525.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	76.18
10-20	221.59
20-30	342.32
30-40	420.19
40-50	443.96
50-60	413.84
60-70	335.02
70-80	205.31
80-90	67.45
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

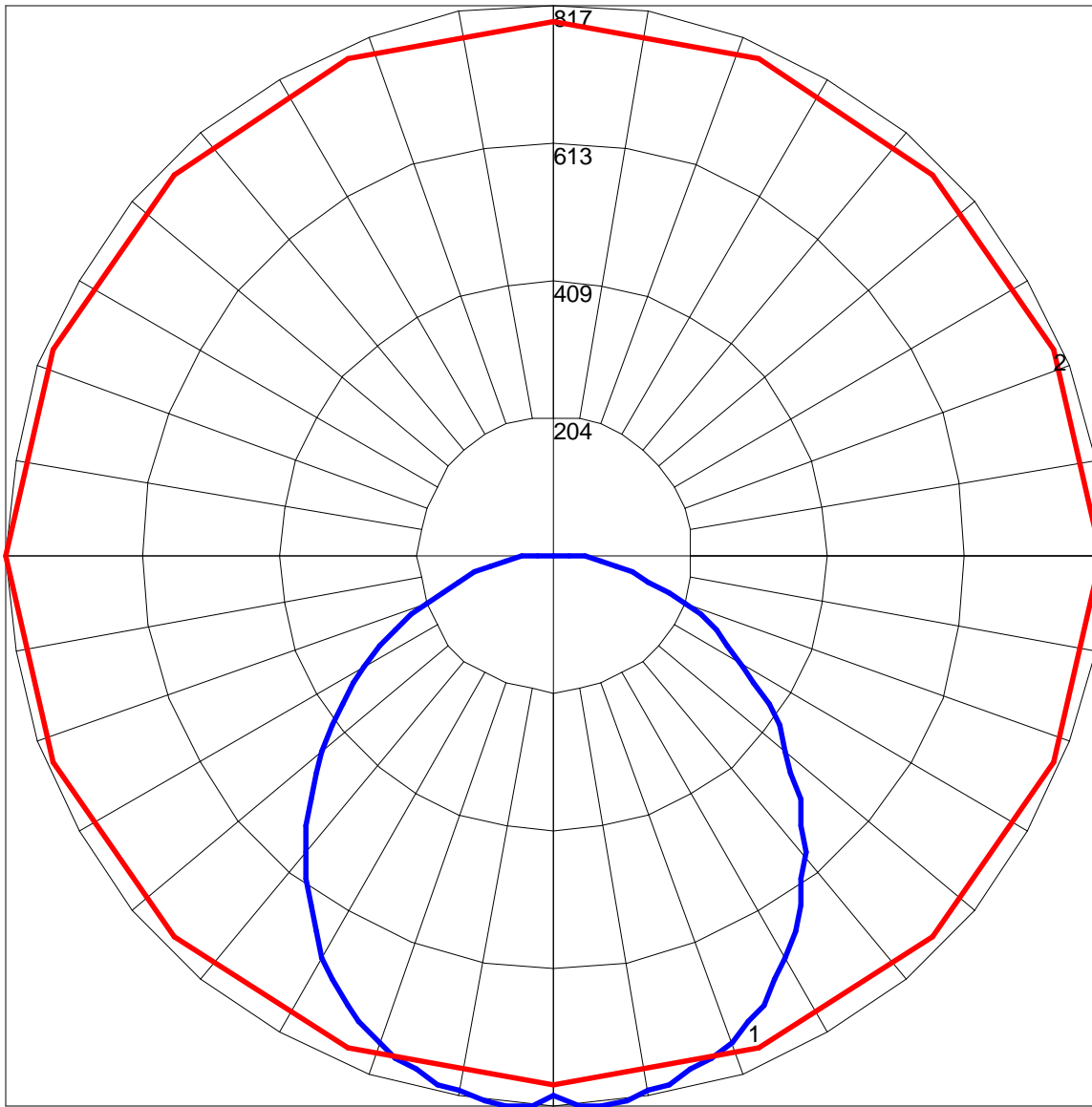
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC14-LED-25L-40.IES

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	45	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 = 817 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.)