



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-25L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8807
[TESTLAB]LSI INDUSTRIES, INC
[ISSUEDATE]04/21/17
[TESTDATE]04/21/17
[MANUFAC]LSI INDUSTRIES, INC
[LUMCAT]LPASC22-LED-25L-40
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2552
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	22.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.98 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	1805	2151	2485
55	1675	2178	2700
65	1559	2293	3047
75	1411	2620	3935
85	1134	2992	3559

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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	751	751	751	751	751
2.5	768	762	752	743	739
5.0	767	761	752	743	740
7.5	764	758	751	744	741
10.0	758	754	749	744	742
12.5	750	747	746	745	744
15.0	739	738	741	743	744
17.5	727	727	735	741	744
20.0	712	714	727	738	742
22.5	695	701	718	734	739
25.0	676	684	706	727	735
27.5	654	666	693	719	729
30.0	631	645	678	710	721
32.5	606	624	662	698	712
35.0	580	599	643	684	700
37.5	552	574	622	669	687
40.0	524	549	600	652	673
42.5	495	521	577	635	657
45.0	465	493	554	616	640
47.5	437	465	530	597	623
50.0	407	437	506	576	605
52.5	378	409	480	555	585
55.0	350	381	455	534	564
57.5	322	353	430	511	542
60.0	295	326	405	487	518
62.5	267	299	378	462	493
65.0	240	272	353	437	469
67.5	213	244	327	410	444
70.0	185	217	300	385	425
72.5	159	192	273	363	409
75.0	133	167	247	334	371
77.5	108	142	223	305	344
80.0	83	116	192	249	257
82.5	59	90	148	178	187
85.0	36	59	95	109	113
87.5	16	22	41	56	63
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	281.12	N.A.	11.00
0-30	606.47	N.A.	23.80
0-40	1007.86	N.A.	39.50
0-60	1844.32	N.A.	72.30
0-80	2457.23	N.A.	96.30
0-90	2552.35	N.A.	100.00
10-90	2480.63	N.A.	97.20
20-40	726.74	N.A.	28.50
20-50	1154.54	N.A.	45.20
40-70	1186.98	N.A.	46.50
60-80	612.91	N.A.	24.00
70-80	262.38	N.A.	10.30
80-90	95.12	N.A.	3.70
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	2552.35	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	71.72
10-20	209.41
20-30	325.34
30-40	401.40
40-50	427.80
50-60	408.66
60-70	350.52
70-80	262.38
80-90	95.12
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

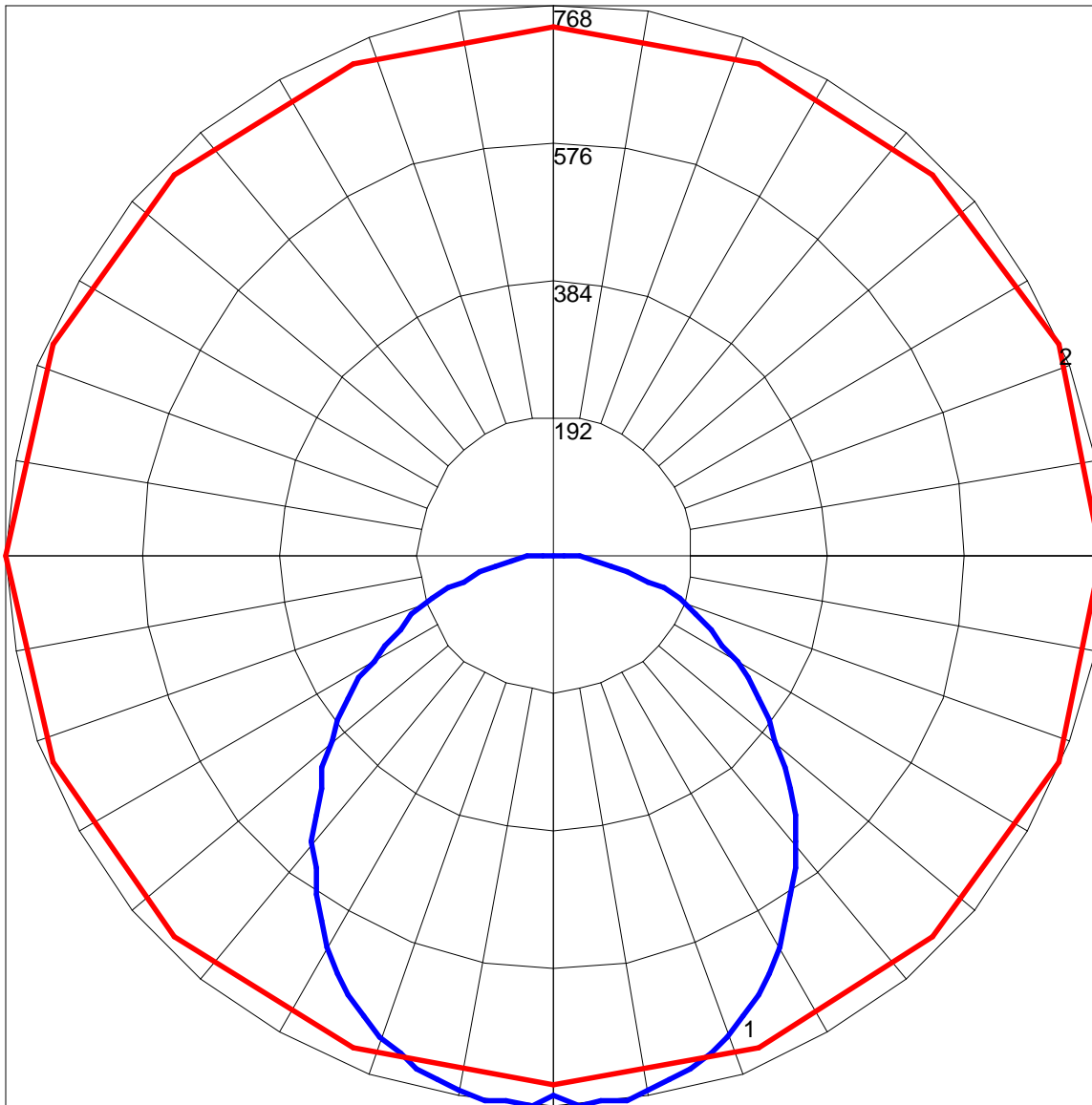
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	69	75	71	68	65
3	88	76	67	60	85	75	66	60	71	64	59	69	63	57	66	61	56	54
4	80	67	58	50	77	66	57	50	63	55	49	61	54	49	58	53	48	46
5	73	60	50	43	71	58	49	43	56	48	42	54	47	42	52	46	41	39
6	67	53	44	37	65	52	44	37	51	43	37	49	42	36	47	41	36	34
7	62	48	39	33	61	48	39	33	46	38	32	44	37	32	43	37	32	30
8	58	44	35	29	56	43	35	29	42	34	29	41	34	29	39	33	28	26
9	54	40	32	26	53	40	32	26	39	31	26	37	31	26	36	30	26	24
10	51	37	29	24	49	37	29	23	36	28	23	35	28	23	34	28	23	21

POLAR GRAPH



Maximum Candela = 768 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.)