



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC22-LED-25L-30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8808_scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE]DATE]08/18/17
[TEST]DATE]04/21/17
[MANUFAC]LSI INDUSTRIES, INC
[LUMCAT]LPASC22-LED-25L-30
[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	2460
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	1744	2073	2392
55	1621	2099	2600
65	1505	2215	2926
75	1372	2532	3804
85	1111	2889	3408

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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	723.185	723.185	723.185	723.185	723.185
2.5	739.647	733.768	724.361	714.953	711.426
5.0	738.471	732.592	724.361	716.129	712.601
7.5	736.120	730.240	723.185	717.305	713.777
10.0	730.240	726.712	722.009	717.305	716.129
12.5	723.185	719.657	718.481	717.305	716.129
15.0	712.601	711.426	713.777	716.129	717.305
17.5	700.842	700.842	707.898	713.777	717.305
20.0	686.731	689.083	700.842	711.426	714.953
22.5	669.093	674.972	691.435	706.722	711.426
25.0	651.454	659.686	680.852	700.842	707.898
27.5	631.464	640.871	667.917	692.611	702.018
30.0	607.945	620.880	653.806	684.380	694.963
32.5	583.251	599.714	637.343	671.445	685.556
35.0	557.381	576.196	617.353	658.510	674.972
37.5	531.511	552.678	598.538	644.399	662.037
40.0	503.289	526.808	577.372	627.936	647.926
42.5	476.244	502.114	556.205	611.473	632.640
45.0	449.198	476.244	533.863	593.835	616.177
47.5	420.976	449.198	510.345	573.844	599.714
50.0	392.754	422.152	486.827	555.030	582.075
52.5	364.532	393.930	463.309	535.039	563.261
55.0	338.662	366.884	438.614	515.049	543.270
57.5	309.264	339.838	413.920	492.706	522.104
60.0	283.394	313.968	389.226	469.188	500.938
62.5	256.348	286.922	364.532	445.670	476.244
65.0	231.654	261.052	341.014	419.800	450.374
67.5	205.784	236.358	315.144	395.106	426.855
70.0	179.914	210.488	289.274	370.412	409.217
72.5	154.044	184.618	263.404	349.245	392.754
75.0	129.350	159.924	238.710	321.023	358.653
77.5	103.480	136.406	215.192	293.977	330.431
80.0	79.962	111.711	185.794	243.413	253.997
82.5	57.620	87.017	144.637	172.859	179.914
85.0	35.277	57.620	91.721	103.480	108.184
87.5	16.463	23.518	39.981	51.740	59.971
90.0	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	270.90	N.A.	11.00
0-30	584.39	N.A.	23.80
0-40	970.70	N.A.	39.50
0-60	1776.63	N.A.	72.20
0-80	2367.38	N.A.	96.30
0-90	2459.55	N.A.	100.00
10-90	2390.46	N.A.	97.20
20-40	699.80	N.A.	28.50
20-50	1111.93	N.A.	45.20
40-70	1143.65	N.A.	46.50
60-80	590.74	N.A.	24.00
70-80	253.02	N.A.	10.30
80-90	92.18	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	2459.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.09
10-20	201.81
20-30	313.49
30-40	386.31
40-50	412.13
50-60	393.80
60-70	337.72
70-80	253.02
80-90	92.18
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

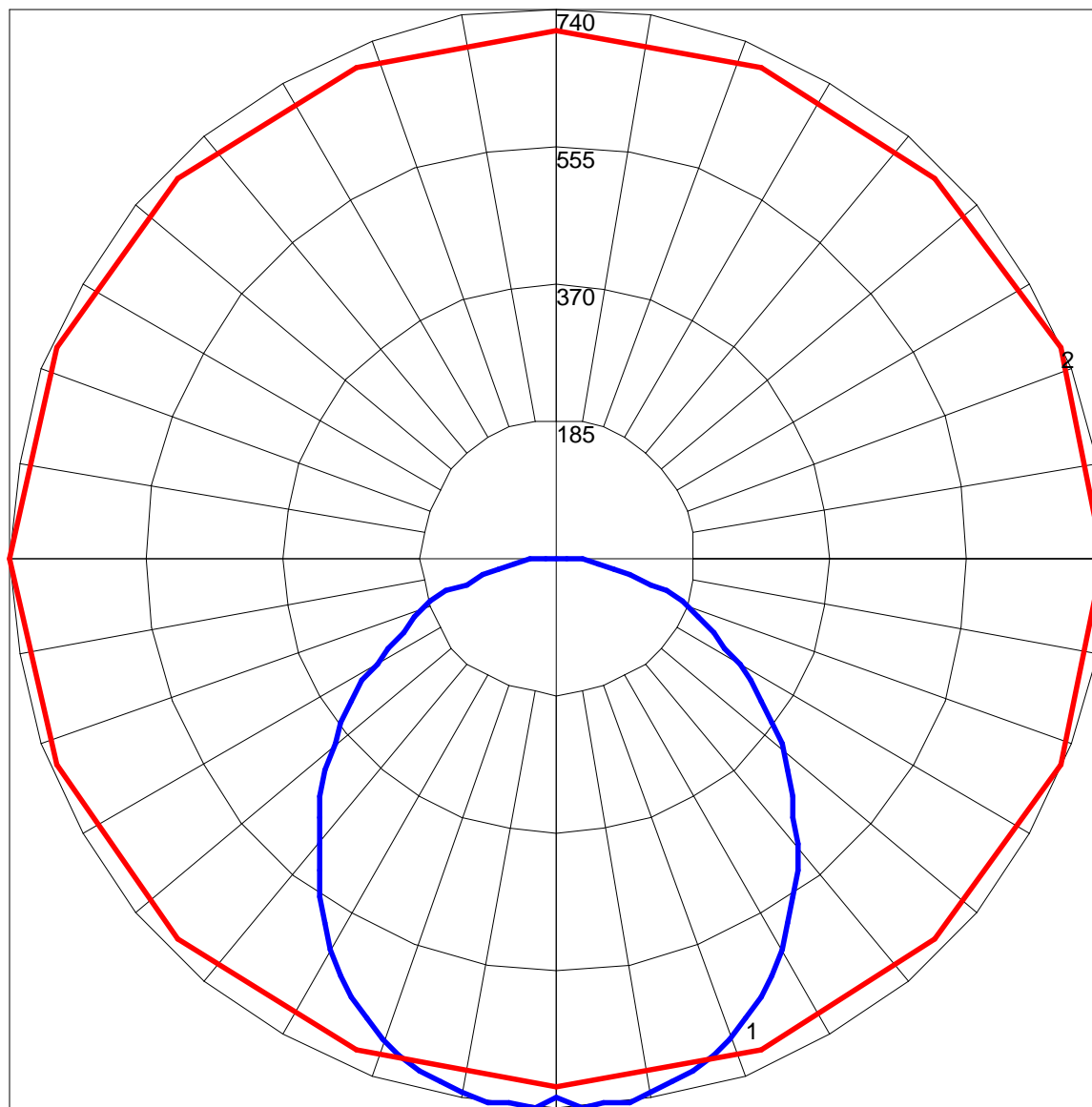
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	92	104	99	95	91	95	91	88	91	88	85	87	85	83	81
2	97	87	80	74	94	86	79	73	82	76	71	79	74	69	75	71	68	65
3	88	76	67	60	85	74	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	47	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 = 739.647 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.)