



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC22-LED-39L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-8808_scaled

[TESTLAB] LSI INDUSTRIES, INC

[ISSUEDATE] 05/07/19

[TESTDATE] 04/21/17

[MANUFAC] LSI INDUSTRIES, INC

[LUMCAT] LPASC22-LED-39L-40

[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	3908
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	33
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	2772	3292	3801
55	2575	3336	4131
65	2391	3521	4651
75	2185	4020	6046
85	1764	4599	5418

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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	1149	1149	1149	1149	1149
2.5	1175	1166	1151	1136	1130
5.0	1173	1164	1151	1138	1132
7.5	1170	1160	1149	1140	1134
10.0	1160	1155	1147	1140	1138
12.5	1149	1144	1142	1140	1138
15.0	1132	1130	1134	1138	1140
17.5	1114	1114	1125	1134	1140
20.0	1091	1095	1114	1130	1136
22.5	1063	1073	1099	1123	1130
25.0	1035	1048	1082	1114	1125
27.5	1003	1018	1061	1101	1116
30.0	966	987	1039	1087	1104
32.5	927	953	1013	1067	1089
35.0	886	916	981	1046	1073
37.5	845	878	951	1024	1052
40.0	800	837	917	998	1030
42.5	757	798	884	972	1005
45.0	714	757	848	944	979
47.5	669	714	811	912	953
50.0	624	671	774	882	925
52.5	579	626	736	850	895
55.0	538	583	697	818	863
57.5	491	540	658	783	830
60.0	450	499	618	746	796
62.5	407	456	579	708	757
65.0	368	415	542	667	716
67.5	327	376	501	628	678
70.0	286	334	460	589	650
72.5	245	293	419	555	624
75.0	206	254	379	510	570
77.5	164	217	342	467	525
80.0	127	178	295	387	404
82.5	92	138	230	275	286
85.0	56	92	146	164	172
87.5	26	37	64	82	95
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	430.47	N.A.	11.00
0-30	928.62	N.A.	23.80
0-40	1542.49	N.A.	39.50
0-60	2823.19	N.A.	72.20
0-80	3761.95	N.A.	96.30
0-90	3908.48	N.A.	100.00
10-90	3798.7	N.A.	97.20
20-40	1112.02	N.A.	28.50
20-50	1766.99	N.A.	45.20
40-70	1817.39	N.A.	46.50
60-80	938.76	N.A.	24.00
70-80	402.08	N.A.	10.30
80-90	146.53	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	3908.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	109.78
10-20	320.69
20-30	498.15
30-40	613.87
40-50	654.97
50-60	625.73
60-70	536.69
70-80	402.08
80-90	146.53
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

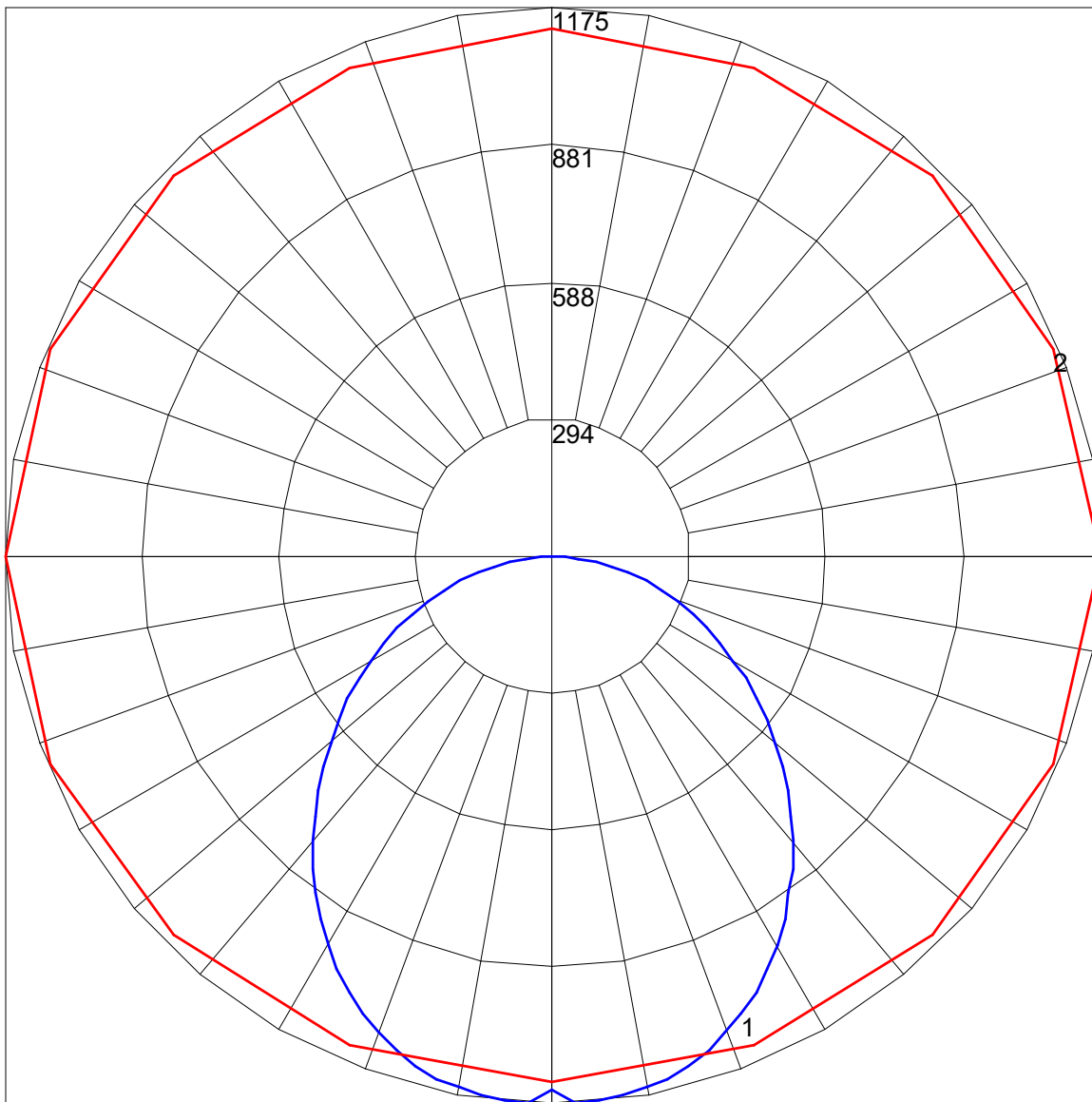
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	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 = 1175 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.)