



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC24-LED-35L-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8781_scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]07/13/17
[TEST DATE]04/18/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPASC24-LED-35L-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	3532
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	28.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 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	1313	1498	1649
55	1206	1503	1739
65	1119	1551	1891
75	1011	1778	2326
85	922	2261	2170

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC24-LED-35L-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	1061.693	1061.693	1061.693	1061.693	1061.693
2.5	1087.220	1070.975	1062.853	1052.410	1044.288
5.0	1087.220	1070.975	1062.853	1053.571	1045.448
7.5	1082.579	1067.494	1060.533	1053.571	1045.448
10.0	1076.777	1062.853	1057.052	1052.410	1045.448
12.5	1067.494	1054.731	1052.410	1048.929	1043.128
15.0	1055.891	1043.128	1043.128	1044.288	1039.647
17.5	1039.647	1029.204	1033.845	1038.486	1035.005
20.0	1019.921	1012.959	1022.242	1030.364	1029.204
22.5	997.875	994.394	1008.318	1021.082	1022.242
25.0	973.509	973.509	992.074	1010.639	1011.799
27.5	944.501	947.981	972.348	995.555	1001.356
30.0	914.332	921.294	951.462	981.631	987.432
32.5	879.523	889.965	928.256	963.066	971.188
35.0	842.392	857.477	902.729	943.340	952.623
37.5	805.262	822.667	872.561	921.294	932.897
40.0	765.811	786.697	844.713	896.927	910.851
42.5	725.200	748.406	812.224	871.400	885.324
45.0	683.429	707.795	779.735	842.392	858.637
47.5	638.176	668.344	744.925	813.384	830.789
50.0	594.084	627.733	707.795	782.056	801.781
52.5	551.152	585.962	671.825	747.246	768.132
55.0	509.380	545.350	634.695	712.437	734.483
57.5	467.609	505.900	597.565	677.627	698.513
60.0	428.158	465.288	559.274	641.657	662.543
62.5	387.547	425.837	520.984	603.366	625.413
65.0	348.096	386.387	482.693	566.236	588.282
67.5	305.164	344.615	446.723	530.266	551.152
70.0	266.874	308.645	408.433	493.136	514.022
72.5	229.743	272.675	372.463	456.006	478.052
75.0	192.613	237.866	338.813	421.196	443.242
77.5	157.804	205.377	304.004	387.547	404.952
80.0	124.154	174.048	271.515	327.210	329.531
82.5	91.665	141.559	221.621	240.186	229.743
85.0	59.176	107.910	145.040	142.719	139.238
87.5	29.008	59.176	64.978	69.619	69.619
90.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC24-LED-35L-35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	396.50	N.A.	11.20
0-30	853.74	N.A.	24.20
0-40	1416.96	N.A.	40.10
0-60	2577.86	N.A.	73.00
0-80	3395.9	N.A.	96.10
0-90	3532.08	N.A.	100.00
10-90	3430.75	N.A.	97.10
20-40	1020.46	N.A.	28.90
20-50	1618.74	N.A.	45.80
40-70	1632.42	N.A.	46.20
60-80	818.04	N.A.	23.20
70-80	346.52	N.A.	9.80
80-90	136.18	N.A.	3.90
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	3532.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	101.32
10-20	295.18
20-30	457.24
30-40	563.22
40-50	598.28
50-60	562.62
60-70	471.52
70-80	346.52
80-90	136.18
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

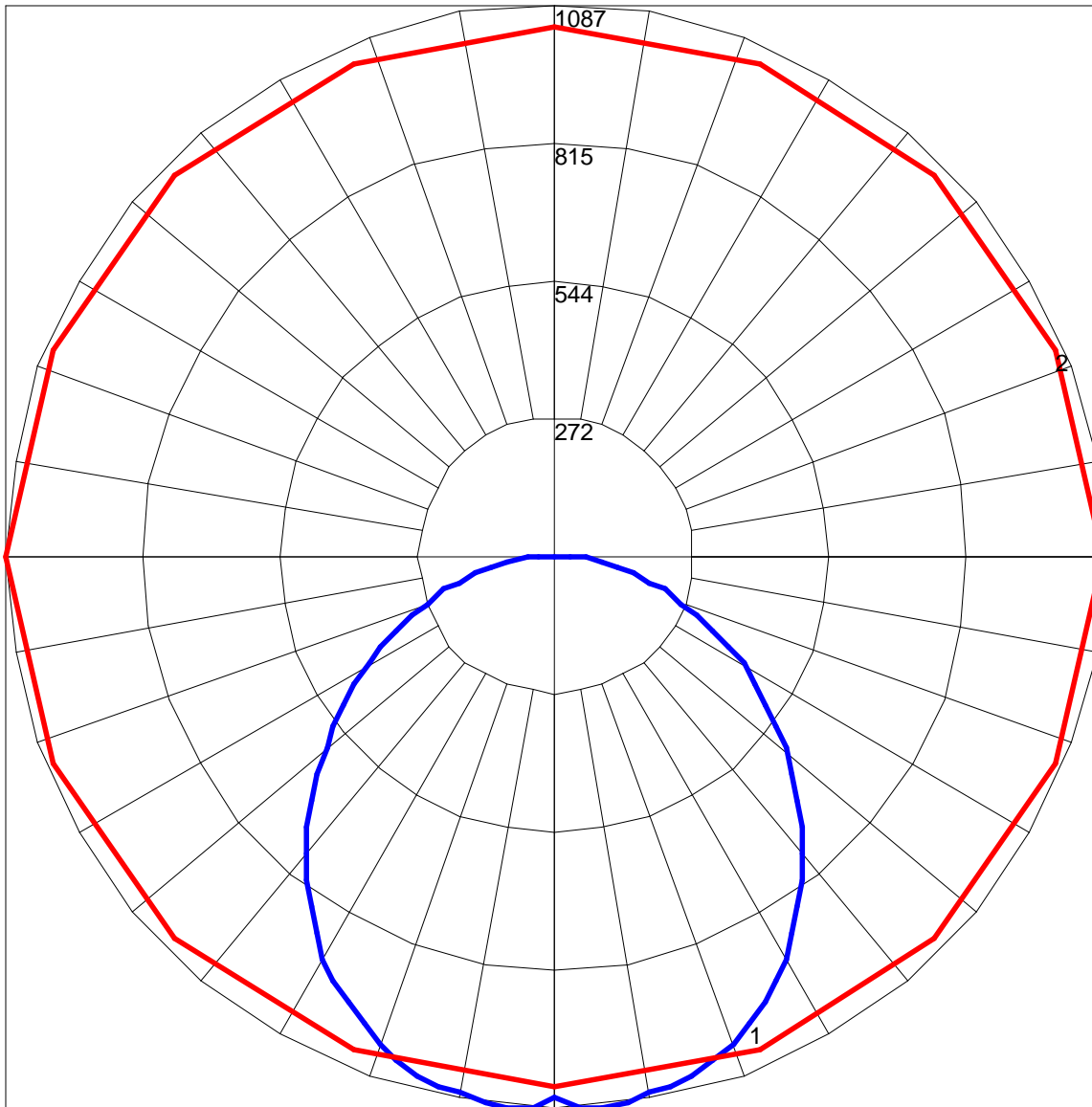
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC24-LED-35L-35.IES

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	107	102	97	93	104	100	95	91	95	92	88	91	88	86	88	85	83	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	55
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	59	50	43	57	49	43	55	48	42	53	47	42	40
6	68	54	44	38	66	53	44	38	51	43	37	49	42	37	48	41	36	34
7	63	49	40	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24
10	51	37	29	24	50	37	29	24	36	29	24	35	28	24	34	28	23	22

POLAR GRAPH



Maximum Candela = 1087.22 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.)