



IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-FL-HO-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L450 VHO NW_Scaled
[TESTLAB] Dekko
[ISSUE DATE] 6/29/2017
[TEST DATE] 04-3-2017
[LUMCAT] CURV-4-LED-FL-HO-35
[MANUFAC] LSI INDUSTRIES, INC
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6203
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	49
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.75 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1869	1442	958
55	1991	1585	1016
65	1944	1633	1053
75	1861	1659	1101
85	2596	2465	1842

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-FL-HO-35.IES

CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	205.330	205.330	205.330	205.330	205.330	205.330	205.330	205.330	205.330	205.330
10	224.260	225.275	223.496	220.473	216.932	212.954	209.682	207.337	205.339	205.602
20	273.991	273.311	266.977	256.737	245.152	233.031	222.147	214.050	207.903	207.417
30	341.225	336.297	323.446	304.912	282.721	257.769	236.854	220.359	209.532	206.510
40	379.015	376.393	361.886	334.535	306.208	275.119	243.851	219.940	203.913	198.689
50	358.228	356.583	343.847	322.786	293.566	263.056	230.163	204.206	185.926	179.079
60	278.788	279.128	273.497	261.014	240.054	217.620	191.478	169.242	152.817	146.115
70	179.587	181.172	179.026	173.519	162.703	149.690	134.863	119.745	107.899	102.242
80	89.137	91.088	90.987	89.344	85.950	80.679	74.920	67.863	60.582	56.754
90	37.080	37.206	36.995	37.040	36.751	36.333	35.859	35.118	34.073	32.811
100	358.602	346.271	345.973	337.093	308.059	268.178	227.403	185.504	141.481	118.475
110	1117.996	1099.166	1063.799	996.664	917.798	811.953	689.340	536.428	375.716	294.905
120	1399.360	1376.476	1334.040	1268.641	1168.144	1047.743	889.610	713.050	550.362	471.761
130	1473.227	1453.984	1406.261	1333.238	1236.763	1110.065	962.432	816.582	671.245	619.981
140	1406.967	1389.531	1348.457	1283.981	1199.676	1110.734	1000.207	874.788	764.210	732.381
150	1290.317	1277.189	1254.993	1224.102	1153.278	1071.748	989.908	889.765	834.698	814.108
160	1154.121	1143.942	1125.755	1097.156	1059.121	1007.701	952.124	913.759	890.974	874.162
170	995.129	991.801	984.194	972.222	962.093	950.421	941.447	928.808	919.506	916.857
180	933.821	933.821	933.821	933.821	933.821	933.821	933.821	933.821	933.821	933.821

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-FL-HO-35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	84.58	N.A.	1.40
0-30	203.02	N.A.	3.30
0-40	379.49	N.A.	6.10
0-60	820.63	N.A.	13.20
0-80	1126.49	N.A.	18.20
0-90	1189.45	N.A.	19.20
10-90	1169.38	N.A.	18.90
20-40	294.91	N.A.	4.80
20-50	513.45	N.A.	8.30
40-70	625.71	N.A.	10.10
60-80	305.86	N.A.	4.90
70-80	121.30	N.A.	2.00
80-90	62.96	N.A.	1.00
90-110	729.02	N.A.	11.80
90-120	1637.86	N.A.	26.40
90-130	2600.86	N.A.	41.90
90-150	4155.37	N.A.	67.00
90-180	5013.43	N.A.	80.80
110-180	4284.41	N.A.	69.10
0-180	6202.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	20.07
10-20	64.51
20-30	118.44
30-40	176.47
40-50	218.54
50-60	222.60
60-70	184.56
70-80	121.30
80-90	62.96
90-100	165.04
100-110	563.97
110-120	908.85
120-130	962.99
130-140	863.87
140-150	690.64
150-160	487.36
160-170	280.49
170-180	90.21

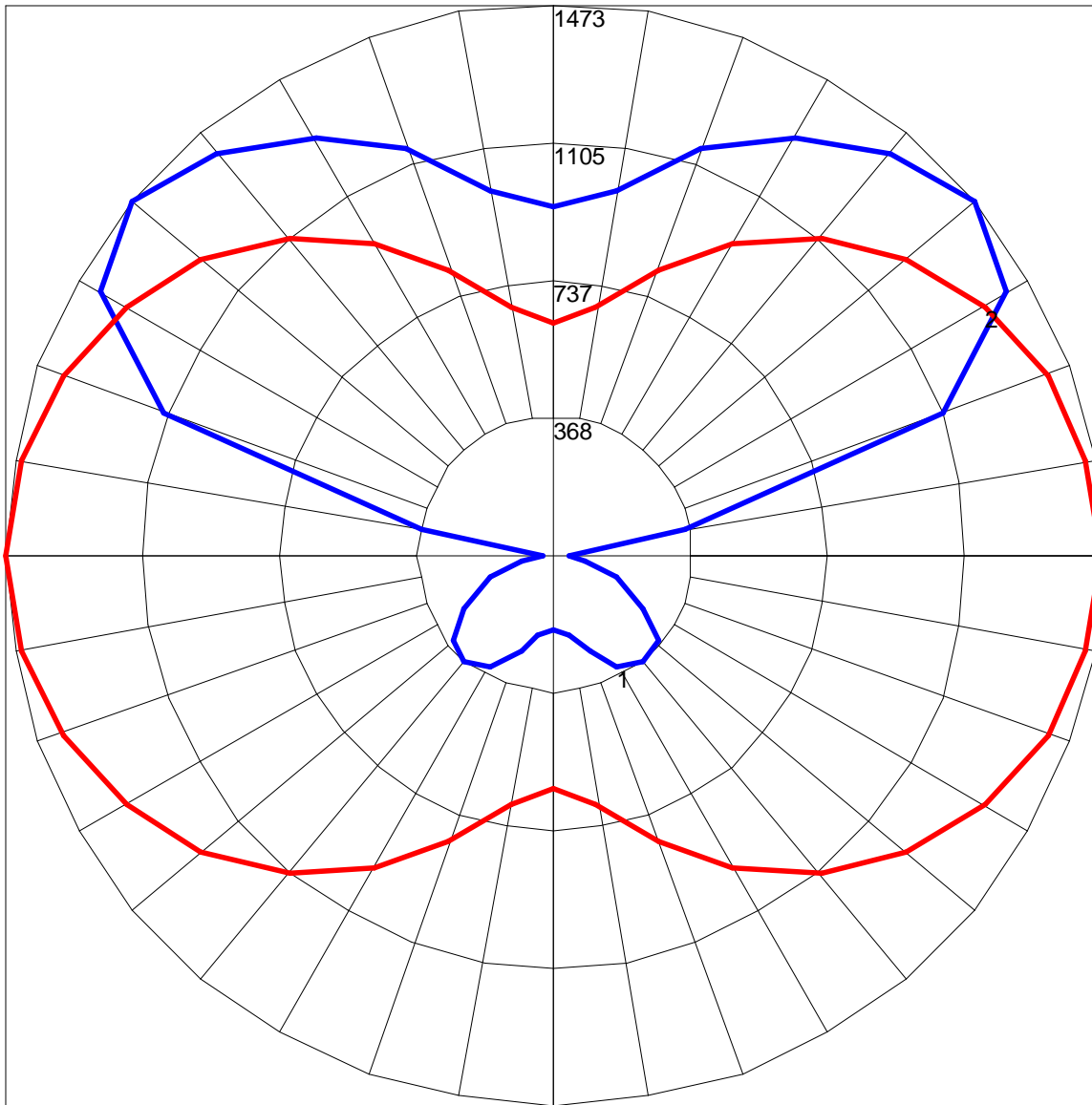
IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-FL-HO-35.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	28	28	28	19
1	90	86	82	79	79	76	73	70	57	55	53	40	38	37	24	23	22	15
2	82	75	69	63	72	66	61	57	49	46	43	34	32	30	20	19	18	12
3	74	65	58	52	65	57	51	47	43	39	36	30	27	25	18	16	15	10
4	68	57	49	44	59	51	44	39	38	33	30	26	23	21	16	14	13	8
5	62	51	43	37	54	45	38	33	34	29	25	23	20	18	14	12	11	7
6	57	45	37	32	50	40	33	28	30	25	22	21	18	15	12	11	9	6
7	52	40	33	27	46	36	29	24	27	22	19	19	16	13	11	9	8	5
8	48	36	29	24	42	32	26	21	24	20	16	17	14	12	10	8	7	4
9	45	33	26	21	39	29	23	19	22	18	14	15	12	10	9	7	6	4
10	42	30	23	18	36	27	20	16	20	16	13	14	11	9	8	7	5	3

POLAR GRAPH



Maximum Candela = 1473.227 Located At Horizontal Angle = 0, Vertical Angle = 130
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (130) (Through Max. Cd.)