



IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-6040-FL-SS-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L450 SS 60 40
[TESTLAB] Dekko
[ISSUE DATE] 6/29/2017
[TEST DATE] 04-3-2017
[LUMCAT] CURV-4-LED-6040-FL-SS-40
[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	4389
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	40.6
Ballast Factor	1.00
CIE Type	General Diffuse
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	2465	2196	1744
55	2374	2182	1745
65	2147	2070	1719
75	1850	1930	1705
85	2496	2749	2523

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-6040-FL-SS-40.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	458.886	458.886	458.886	458.886	458.886	458.886	458.886	458.886	458.886	458.886
10	485.991	485.403	482.264	478.161	472.725	466.149	460.983	456.377	452.799	450.777
20	530.896	528.878	521.252	509.781	492.998	478.052	463.268	451.269	442.019	437.271
30	555.881	553.689	542.610	525.933	504.270	481.093	455.095	434.113	419.861	412.382
40	529.998	528.194	518.973	502.269	480.464	454.202	424.548	399.381	380.968	372.911
50	442.373	442.283	437.569	427.047	410.572	387.408	364.339	341.356	322.689	315.101
60	317.458	319.022	318.418	314.117	306.061	292.565	276.954	261.701	247.751	243.197
70	188.825	191.254	192.590	192.994	191.175	186.243	179.800	170.721	164.175	162.143
80	78.329	81.066	84.160	87.173	89.891	90.226	89.503	87.705	84.752	84.058
90	43.041	43.613	44.768	44.471	44.066	43.218	42.386	41.511	40.571	38.651
100	153.024	156.207	171.289	171.347	161.050	152.718	143.990	135.612	122.117	112.482
110	457.261	451.642	446.576	436.534	415.031	390.600	354.193	298.077	245.211	215.866
120	631.331	625.765	614.139	590.352	558.653	514.815	461.710	393.074	337.554	308.244
130	694.379	692.399	672.174	648.794	614.117	563.985	506.281	462.308	411.138	388.571
140	687.204	687.113	669.954	647.047	617.794	580.502	545.394	503.499	467.116	451.829
150	649.608	651.131	646.388	630.591	616.250	591.613	559.263	525.759	502.232	493.097
160	618.627	613.958	614.198	606.326	591.260	574.663	555.207	539.417	531.548	525.212
170	566.723	565.166	564.614	563.505	561.260	558.866	554.994	553.325	549.418	546.163
180	543.380	543.380	543.380	543.380	543.380	543.380	543.380	543.380	543.380	543.380

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-6040-FL-SS-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	179.65	N.A.	4.10
0-30	405.23	N.A.	9.20
0-40	703.32	N.A.	16.00
0-60	1338.04	N.A.	30.50
0-80	1715.27	N.A.	39.10
0-90	1785.65	N.A.	40.70
10-90	1741.36	N.A.	39.70
20-40	523.67	N.A.	11.90
20-50	852.91	N.A.	19.40
40-70	869.72	N.A.	19.80
60-80	377.23	N.A.	8.60
70-80	142.24	N.A.	3.20
80-90	70.38	N.A.	1.60
90-110	382.51	N.A.	8.70
90-120	820.38	N.A.	18.70
90-130	1302.78	N.A.	29.70
90-150	2119.6	N.A.	48.30
90-180	2603.06	N.A.	59.30
110-180	2220.55	N.A.	50.60
0-180	4388.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	44.30
10-20	135.35
20-30	225.58
30-40	298.09
40-50	329.24
50-60	305.48
60-70	234.99
70-80	142.24
80-90	70.38
90-100	105.02
100-110	277.50
110-120	437.87
120-130	482.40
130-140	447.48
140-150	369.33
150-160	269.83
160-170	161.04
170-180	52.60

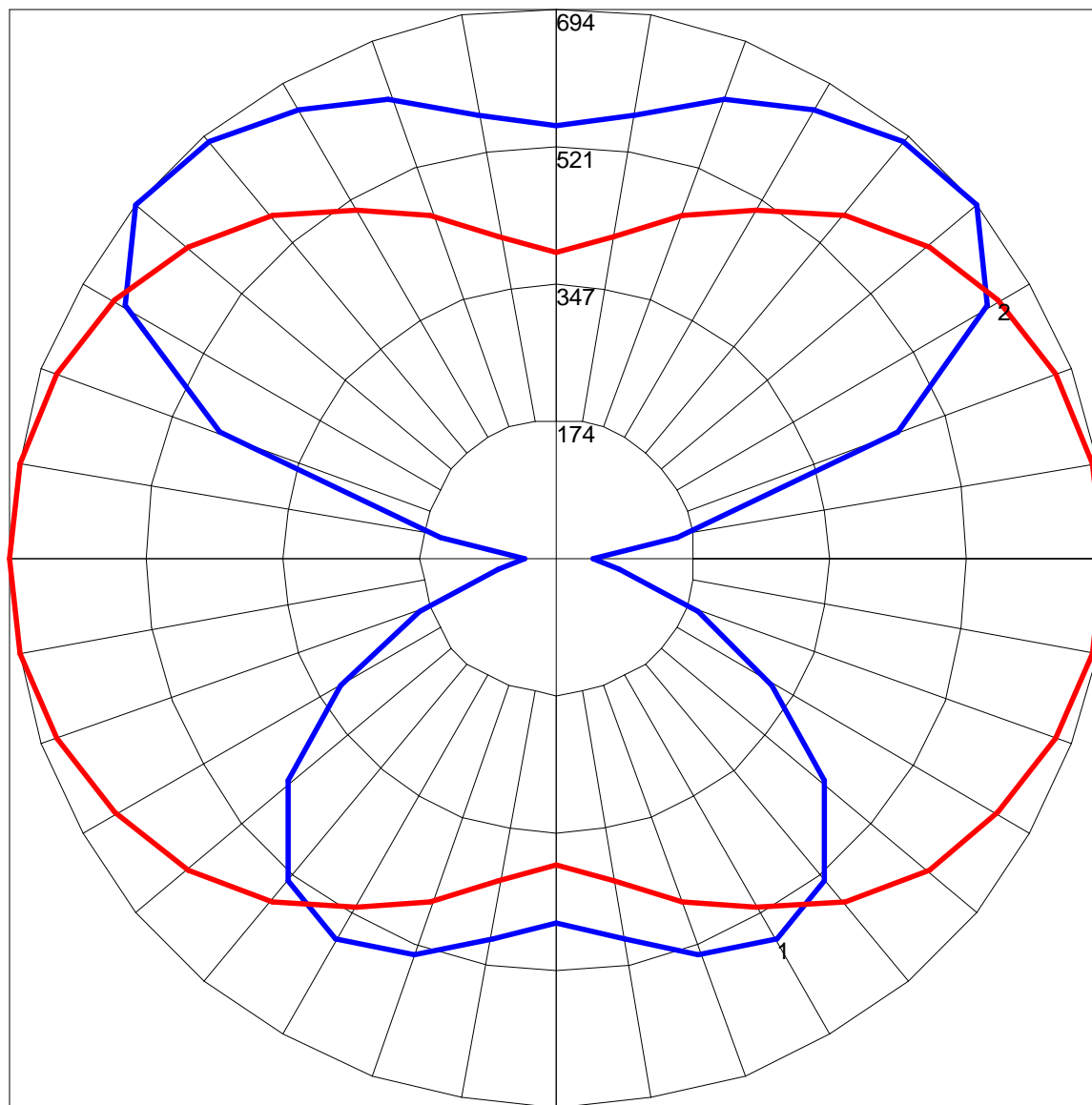
IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-4-LED-6040-FL-SS-40.IES

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	105	105	105	105	96	96	96	96	78	78	78	62	62	62	48	48	48	41
1	95	91	87	83	86	83	79	76	68	65	63	54	52	51	41	40	39	33
2	86	79	72	67	78	72	66	62	59	55	51	47	44	42	36	34	32	27
3	78	69	61	55	71	63	56	51	51	47	43	41	38	35	31	29	27	22
4	71	60	52	46	65	55	48	43	45	40	36	36	32	29	28	25	23	19
5	65	54	45	39	59	49	42	36	40	35	31	32	28	25	25	22	20	16
6	60	48	40	34	54	44	37	31	36	31	26	29	25	22	22	19	17	14
7	55	43	35	29	50	39	32	27	33	27	23	26	22	19	20	17	15	12
8	51	39	31	26	46	36	29	24	30	24	20	24	20	17	18	15	13	11
9	48	35	28	23	43	32	26	21	27	22	18	22	18	15	17	14	12	10
10	44	32	25	20	40	30	23	19	25	20	16	20	16	13	16	13	11	9

POLAR GRAPH



Maximum Candela = 694.379 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.)