IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-5050-FL-SS-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L450 SS 50 50
[TESTLAB] Dekko
[ISSUEDATE] 6/29/2017
[TESTDATE] 04-3-2017
[LUMCAT] CURV-8-LED-5050-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	8272
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	81.2
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)	8.00 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	2747	2462	2014
55	2658	2444	1989
65	2399	2298	1925
75	2059	2097	1834
85	2587	2792	2587

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-5050-FL-SS-40.IES

CANDELA TABULATION

	0	10	20	30	40	50	60	70	80	90
0	1094.562	1094.562	1094.562	1094.562	1094.562	1094.562	1094.562	1094.562	1094.562	1094.562
10	1134.546	1132.880	1124.550	1117.886	1106.224	1097.894	1089.564	1081.234	1077.902	1076.236
20	1199.520	1194.522	1179.528	1159.536	1134.546	1104.558	1079.568	1057.910	1042.916	1037.918
30	1241.170	1236.172	1216.180	1182.860	1141.210	1091.230	1044.582	1004.598	979.608	969.612
40	1179.528	1174.530	1156.204	1122.884	1076.236	1019.592	964.614	914.634	879.648	866.320
50	987.938	986.272	976.276	952.952	916.300	872.984	823.004	771.358	736.372	723.044
60	713.048	714.714	711.382	703.052	683.060	656.404	623.084	586.432	559.776	549.780
70	418.166	419.832	426.496	424.830	421.498	406.504	396.508	378.182	363.188	358.190
80	176.596	181.594	184.926	189.924	191.590	191.590	188.258	183.260	174.930	171.598
90	74.970	76.636	78.302	79.968	79.968	79.968	79.968	79.968	79.968	79.968
100	299.880	313.208	326.536	326.536	311.542	286.552	263.228	243.236	221.578	206.584
110	749.700	738.038	744.702	733.040	701.386	656.404	591.430	516.460	434.826	393.176
120	972.944	967.946	959.616	939.624	896.308	836.332	754.698	659.736	584.766	548.114
130	1059.576	1066.240	1047.914	1024.590	974.610	899.640	826.336	768.026	703.052	669.732
140	1051.246	1061.242	1037.918	1011.262	982.940	931.294	886.312	829.668	779.688	761.362
150	1007.930	1012.928	1002.932	984.606	966.280	941.290	911.302	876.316	844.662	833.000
160	964.614	966.280	971.278	957.950	942.956	927.962	907.970	887.978	879.648	871.318
170	909.636	907.970	909.636	909.636	907.970	902.972	899.640	897.974	892.976	891.310
180	889.644	889.644	889.644	889.644	889.644	889.644	889.644	889.644	889.644	889.644

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-5050-FL-SS-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	419.97	N.A.	5.10
0-30	936.15	N.A.	11.30
0-40	1610.88	N.A.	19.50
0-60	3037.71	N.A.	36.70
0-80	3871.93	N.A.	46.80
0-90	4015.73	N.A.	48.50
10-90	3910.81	N.A.	47.30
20-40	1190.91	N.A.	14.40
20-50	1931.9	N.A.	23.40
40-70	1950.41	N.A.	23.60
60-80	834.22	N.A.	10.10
70-80	310.64	N.A.	3.80
80-90	143.80	N.A.	1.70
90-110	681.37	N.A.	8.20
90-120	1400.87	N.A.	16.90
90-130	2175.15	N.A.	26.30
90-150	3478.8	N.A.	42.10
90-180	4256.59	N.A.	51.50
110-180	3575.22	N.A.	43.20
0-180	8272.32	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	104.92
10-20	315.05
20-30	516.19
30-40	674.72
40-50	740.98
50-60	685.85
60-70	523.58
70-80	310.64
80-90	143.80
90-100	197.47
100-110	483.90
110-120	719.50
120-130	774.28
130-140	714.28
140-150	589.37
150-160	432.54
160-170	259.67
170-180	85.57

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-5050-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	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49
1	97	92	88	84	89	85	81	78	71	69	66	59	57	55	47	46	45	40
2	88	80	74	68	80	74	68	64	62	58	54	51	48	46	41	39	37	32
3	80	70	62	56	73	65	58	53	54	49	45	45	41	38	36	33	31	27
4	73	62	53	47	67	57	50	44	48	42	38	40	36	32	32	29	26	23
5	67	55	46	40	61	51	43	38	43	37	33	35	31	28	29	25	23	19
6	61	49	41	35	56	45	38	32	38	32	28	32	27	24	26	22	20	17
7	56	44	36	30	52	41	33	28	35	29	25	29	24	21	23	20	17	15
8	52	40	32	26	48	37	30	25	31	26	22	26	22	19	21	18	15	13
9	49	36	28	23	45	34	27	22	29	23	19	24	20	16	20	16	14	12
10	45	33	26	21	42	31	24	20	26	21	17	22	18	15	18	15	12	10

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-5050-FL-SS-40.IES

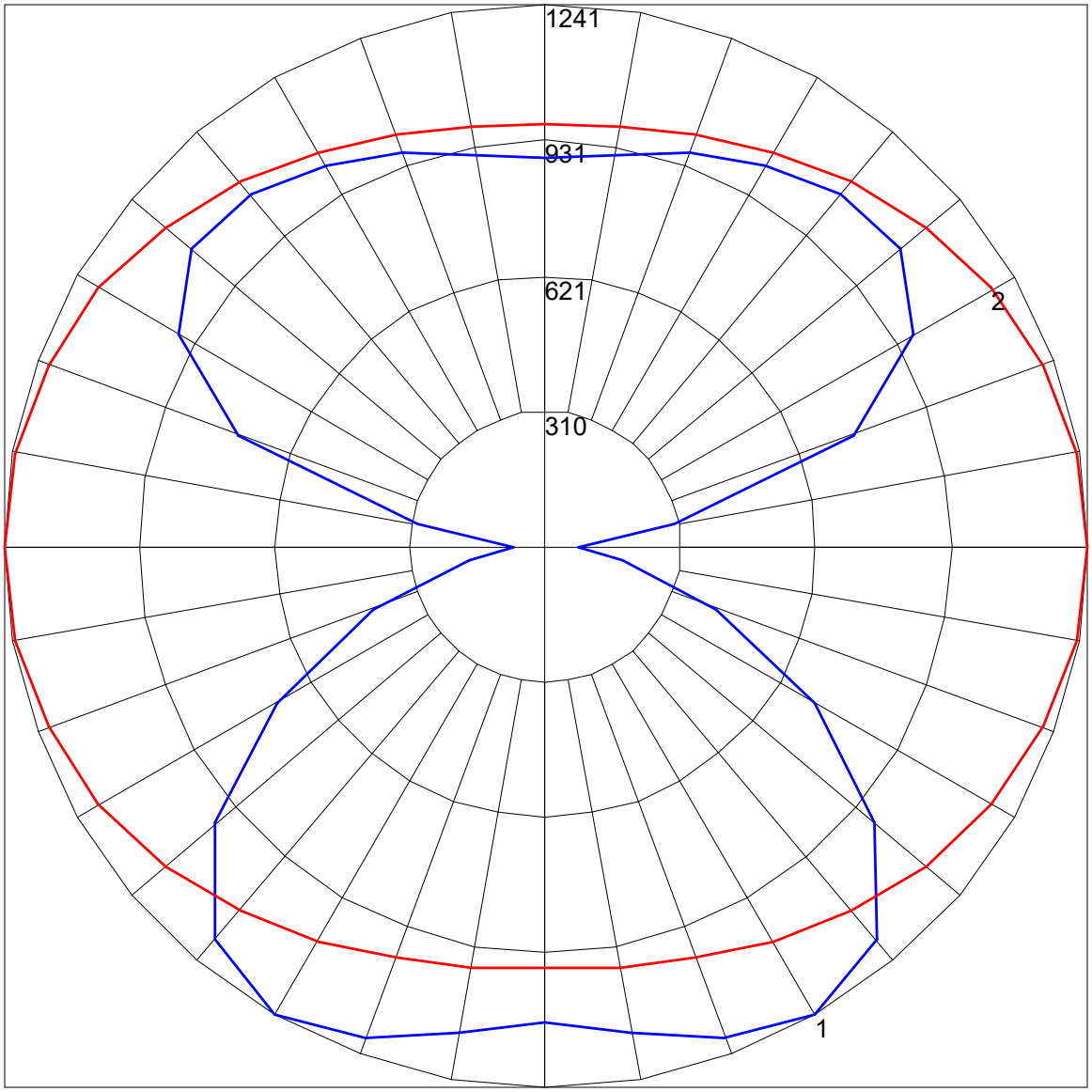
UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity		70	70	50	50	30	70	70	50	50	30
Walls		50	30	50	30	30	50	30	50	30	30
Floor Cavity		20	20	20	20	20	20	20	20	20	20
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	12.1	12.9	13.0	13.9	15.2	10.6	11.5	11.5	12.4	13.7
	3H	13.7	14.5	14.7	15.5	16.8	12.4	13.2	13.3	14.1	15.4
	4H	14.3	15.1	15.3	16.1	17.4	13.1	13.8	14.1	14.8	16.1
	6H	14.7	15.4	15.7	16.4	17.8	13.6	14.3	14.6	15.3	16.7
	8H	14.9	15.6	15.9	16.6	17.9	13.9	14.6	14.9	15.6	16.9
	12H	15.1	15.8	16.2	16.8	18.1	14.2	14.8	15.2	15.8	17.2
4H	2H	12.5	13.3	13.5	14.3	15.6	11.4	12.1	12.4	13.1	14.4
	3H	14.4	15.0	15.4	16.0	17.4	13.4	14.0	14.4	15.0	16.3
	4H	15.2	15.7	16.2	16.8	18.1	14.2	14.8	15.2	15.8	17.2
	6H	15.8	16.3	16.8	17.3	18.6	14.9	15.4	15.9	16.4	17.8
	8H	16.0	16.5	17.0	17.5	18.9	15.2	15.7	16.2	16.7	18.1
	12H	16.3	16.7	17.3	17.8	19.1	15.6	16.0	16.6	17.1	18.4
8H	4H	15.4	15.9	16.4	16.9	18.3	14.6	15.1	15.6	16.1	17.5
	6H	16.2	16.6	17.2	17.6	19.0	15.5	15.8	16.5	16.9	18.3
	8H	16.5	16.9	17.6	17.9	19.3	15.9	16.3	17.0	17.3	18.7
	12H	17.0	17.3	18.0	18.3	19.8	16.4	16.7	17.5	17.8	19.2
12H	4H	15.4	15.8	16.5	16.9	18.3	14.6	15.0	15.7	16.1	17.5
	6H	16.2	16.6	17.3	17.6	19.0	15.5	15.9	16.6	17.0	18.4
	8H	16.7	17.0	17.7	18.0	19.5	16.1	16.4	17.1	17.4	18.9

Maximum UGR = 19.8

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-5050-FL-SS-40.IES

POLAR GRAPH



Maximum Candela = 1241.17 Located At Horizontal Angle = 0, Vertical Angle = 30
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)