IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-3070-FL-HO-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L450 VHO NW 30 70_Scaled
[TESTLAB] Dekko
[ISSUEDATE] 6/29/2017
[TESTDATE] 04-03-2017
[LUMCAT] CURV-8-LED-3070-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	8486
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	98
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.60
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.56
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	4061	3591	2905
55	4061	3615	2813
65	3855	3513	2633
75	3589	3342	2377
85	4216	4027	2963

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-3070-FL-HO-35.IES

CANDELA TABULATION

	0	10	20	30	40	50	60	70	80	90
0	1659.372	1659.372	1659.372	1659.372	1659.372	1659.372	1659.372	1659.372	1659.372	1659.372
10	1690.316	1690.316	1680.646	1670.976	1663.240	1649.702	1641.966	1636.164	1630.362	1630.362
20	1759.940	1752.204	1730.930	1703.854	1670.976	1638.098	1607.154	1580.078	1562.672	1560.738
30	1798.620	1785.082	1758.006	1711.590	1657.438	1595.550	1535.596	1485.312	1444.698	1433.094
40	1721.260	1711.590	1676.778	1628.428	1560.738	1485.312	1400.216	1330.592	1282.242	1259.034
50	1483.378	1473.708	1450.500	1409.886	1349.932	1270.638	1193.278	1119.786	1059.832	1032.756
60	1115.918	1112.050	1098.512	1071.436	1032.756	974.736	912.848	849.026	796.808	767.798
70	702.042	703.976	698.174	692.372	669.164	636.286	584.068	547.322	510.576	473.830
80	334.582	338.450	338.450	332.648	321.044	303.638	282.364	257.222	234.014	212.740
90	75.426	77.360	77.360	79.294	79.294	79.294	77.360	75.426	75.426	75.426
100	222.410	226.278	239.816	243.684	226.278	189.532	168.258	150.852	135.380	127.644
110	429.348	452.556	421.612	413.876	406.140	375.196	350.054	305.572	255.288	245.618
120	601.474	570.530	543.454	518.312	500.906	462.226	425.480	384.866	346.186	334.582
130	673.032	491.236	618.880	570.530	537.652	504.774	483.500	444.820	417.744	408.074
140	676.900	529.916	616.946	584.068	524.114	564.728	527.982	493.170	475.764	471.896
150	655.626	620.814	495.104	611.144	622.748	539.586	512.510	516.378	518.312	520.246
160	624.682	642.088	555.058	504.774	529.916	570.530	582.134	574.398	560.860	555.058
170	587.936	605.342	599.540	574.398	543.454	522.180	512.510	508.642	508.642	510.576
180	593.738	593.738	593.738	593.738	593.738	593.738	593.738	593.738	593.738	593.738

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-3070-FL-HO-35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	628.11	N.A.	7.40
0-30	1386.57	N.A.	16.30
0-40	2369.19	N.A.	27.90
0-60	4466.9	N.A.	52.60
0-80	5750.58	N.A.	67.80
0-90	5955.32	N.A.	70.20
10-90	5796.98	N.A.	68.30
20-40	1741.08	N.A.	20.50
20-50	2823.22	N.A.	33.30
40-70	2892.9	N.A.	34.10
60-80	1283.67	N.A.	15.10
70-80	488.48	N.A.	5.80
80-90	204.74	N.A.	2.40
90-110	446.74	N.A.	5.30
90-120	862.41	N.A.	10.20
90-130	1302.5	N.A.	15.30
90-150	2057.32	N.A.	24.20
90-180	2530.38	N.A.	29.80
110-180	2083.64	N.A.	24.60
0-180	8485.7	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	158.34
10-20	469.77
20-30	758.47
30-40	982.61
40-50	1082.14
50-60	1015.57
60-70	795.19
70-80	488.48
80-90	204.74
90-100	148.59
100-110	298.15
110-120	415.67
120-130	440.09
130-140	408.77
140-150	346.05
150-160	260.60
160-170	158.01
170-180	54.45

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-3070-FL-HO-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	112	112	112	112	106	106	106	106	95	95	95	84	84	84	75	75	75	70
1	101	96	92	88	96	91	87	84	82	79	76	73	70	68	65	63	61	57
2	92	84	77	71	86	79	73	68	71	66	62	63	59	56	56	53	51	47
3	83	73	65	58	78	69	62	56	62	56	51	55	51	47	49	45	42	39
4	76	64	55	49	71	61	53	47	55	48	43	49	44	39	43	39	36	33
5	70	57	48	42	65	54	46	40	49	42	37	44	38	34	39	34	31	28
6	64	51	42	36	60	48	40	35	44	37	32	39	34	29	35	30	27	24
7	59	46	37	31	56	44	36	30	39	33	28	35	30	26	32	27	24	21
8	55	42	33	28	52	40	32	27	36	29	25	32	27	23	29	24	21	19
9	51	38	30	24	48	36	29	24	33	26	22	30	24	20	27	22	19	17
10	48	35	27	22	45	33	26	21	30	24	20	27	22	18	25	20	17	15

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-3070-FL-HO-35.IES

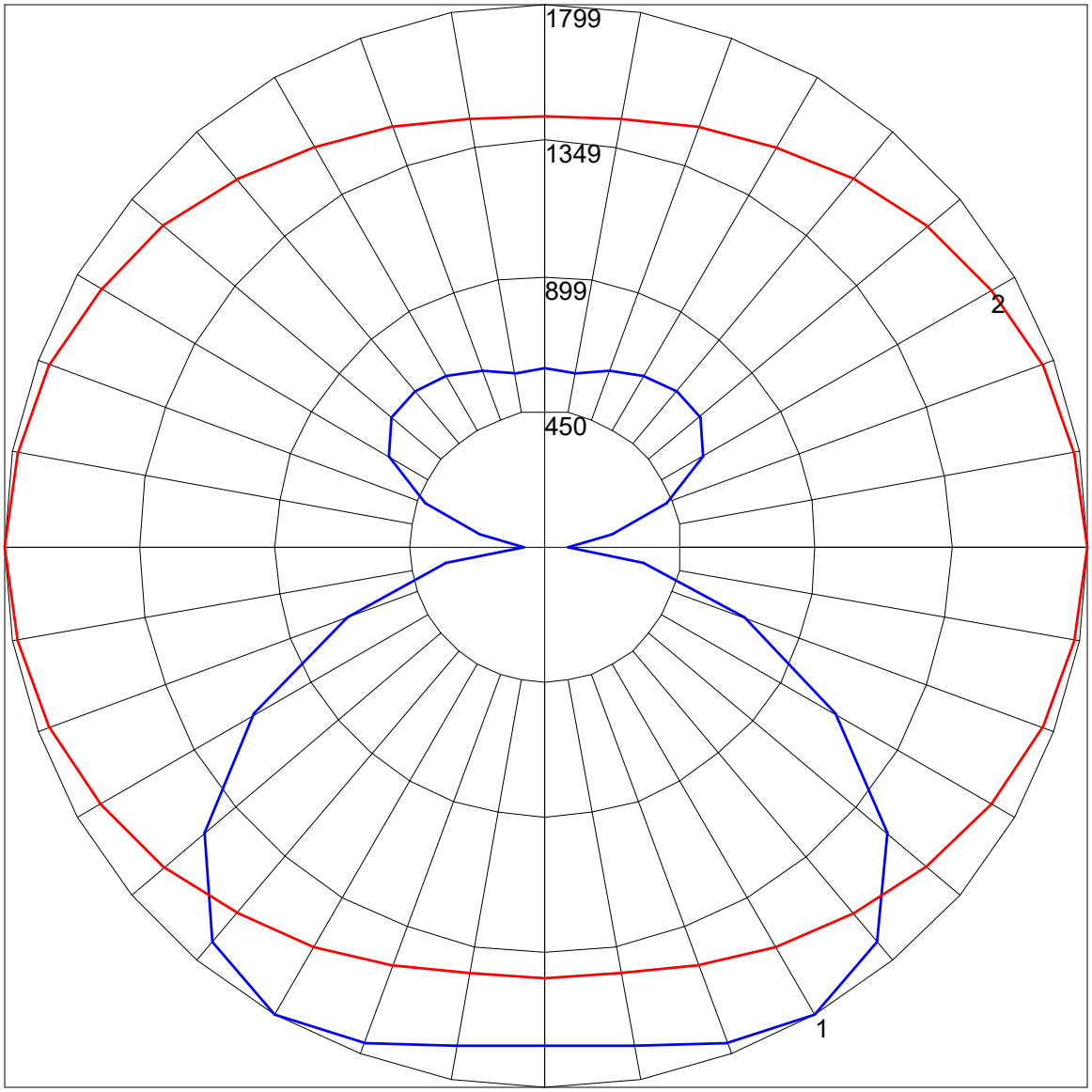
UGR TABLE - CORRECTED

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	15.4	16.6	16.2	17.3	18.3	13.6	14.7	14.3	15.5	16.4
	3H	17.3	18.3	18.1	19.1	20.1	15.3	16.3	16.1	17.1	18.1
	4H	18.0	19.0	18.8	19.8	20.8	16.0	16.9	16.7	17.7	18.7
	6H	18.6	19.5	19.4	20.3	21.3	16.4	17.3	17.2	18.2	19.2
	8H	18.9	19.7	19.7	20.6	21.6	16.7	17.5	17.5	18.3	19.3
	12H	19.1	19.9	19.9	20.7	21.8	16.9	17.7	17.7	18.5	19.5
4H	2H	15.9	16.9	16.7	17.7	18.7	14.5	15.4	15.3	16.2	17.2
	3H	18.0	18.9	18.8	19.7	20.7	16.4	17.2	17.2	18.1	19.1
	4H	18.9	19.7	19.8	20.5	21.6	17.2	18.0	18.0	18.8	19.8
	6H	19.7	20.3	20.5	21.2	22.2	17.8	18.5	18.7	19.4	20.4
	8H	20.0	20.6	20.9	21.5	22.5	18.1	18.7	19.0	19.6	20.6
	12H	20.3	20.9	21.2	21.7	22.8	18.4	18.9	19.2	19.8	20.9
8H	4H	19.2	19.8	20.1	20.7	21.7	17.7	18.3	18.6	19.2	20.3
	6H	20.1	20.6	21.0	21.5	22.6	18.5	19.0	19.4	19.9	21.0
	8H	20.6	21.0	21.4	21.9	23.0	18.9	19.4	19.8	20.3	21.3
	12H	21.0	21.4	21.9	22.3	23.4	19.3	19.7	20.2	20.6	21.7
12H	4H	19.2	19.8	20.1	20.6	21.7	17.8	18.4	18.7	19.2	20.3
	6H	20.2	20.7	21.1	21.5	22.6	18.7	19.1	19.6	20.0	21.1
	8H	20.7	21.1	21.6	22.0	23.1	19.2	19.5	20.0	20.4	21.6

Maximum UGR = 23.4

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CURV-8-LED-3070-FL-HO-35.IES

POLAR GRAPH



Maximum Candela = 1798.62 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.)