



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14853501.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2023-07-25
[TEST DATE] 6/19/2023
[MANUFACT] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] LRX2-2-L8-830-DMA-DIM-UNV
[LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
[MORE] W/DIFFUSED MATTE ACRYLIC LENS
[LAMP] LED
[BALLAST] 0-10V DIMMING DRIVER
[_SEARCH_SOURCE TYPE] LED
[_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
[_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1584
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	13.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18500	15958	14556
55	16491	14023	12837
65	14538	12361	11379
75	11991	10524	9808
85	9046	8440	8132

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.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	701.794	701.794	701.794	701.794	701.794
0.5	714.167	702.369	698.341	700.068	696.615
1.0	714.167	702.082	698.341	700.068	696.327
1.5	713.879	702.082	698.053	699.780	696.039
2.0	713.591	701.506	697.478	699.492	695.176
2.5	713.304	700.931	697.190	698.629	694.601
3.0	712.728	700.355	696.327	698.053	693.450
3.5	712.153	699.780	695.464	696.902	692.299
4.0	711.577	699.204	694.601	696.039	691.435
4.5	711.002	698.341	693.737	694.888	689.997
5.0	710.426	697.478	692.299	693.450	688.558
5.5	709.275	696.327	691.148	691.723	686.544
6.0	708.412	695.176	689.709	690.284	684.817
6.5	707.549	694.313	688.270	688.270	682.803
7.0	706.398	692.874	686.832	686.256	680.789
7.5	705.247	691.723	685.105	684.242	678.487
8.0	704.096	689.997	683.379	681.940	676.473
8.5	702.657	688.558	681.365	679.638	673.883
9.0	701.219	687.119	679.350	677.048	671.294
9.5	699.780	685.393	677.048	674.171	668.416
10.0	698.341	683.666	674.747	671.581	665.827
10.5	696.615	681.940	672.445	668.704	662.374
11.0	694.888	679.926	669.855	665.827	659.209
11.5	692.874	677.912	667.265	662.662	656.044
12.0	690.860	675.610	664.388	659.496	652.591
12.5	689.133	673.308	661.511	656.044	648.850
13.0	686.832	671.006	658.633	652.591	645.397
13.5	684.530	668.416	655.468	648.850	641.657
14.0	682.516	665.827	652.591	645.397	637.916
14.5	679.926	663.237	649.138	641.657	633.888
15.0	677.624	660.647	645.973	637.628	630.147
15.5	675.034	657.770	642.232	633.600	625.831
16.0	673.020	655.180	638.779	629.572	621.515
16.5	671.006	652.303	635.039	625.256	617.199
17.0	668.416	649.426	631.298	620.939	612.883
17.5	664.676	646.548	627.557	616.623	608.279
18.0	661.223	643.959	623.817	612.020	603.387
18.5	657.770	640.506	619.789	607.416	598.496
19.0	654.893	636.765	615.760	602.524	593.604
19.5	651.728	633.025	611.732	597.633	588.425
20.0	648.562	629.284	607.416	593.029	582.958
20.5	645.110	625.543	603.387	588.137	577.779
21.0	641.657	622.090	599.071	582.958	572.312
21.5	638.204	618.350	594.755	578.066	567.132
22.0	634.463	614.322	590.151	572.887	561.665
22.5	631.010	610.581	585.835	567.420	556.486
23.0	626.982	606.553	581.807	562.241	551.307
23.5	623.241	602.236	577.203	557.062	545.840
24.0	619.213	598.208	572.024	551.882	540.660
24.5	615.185	593.892	567.132	546.703	535.193
25.0	611.156	589.864	561.953	541.236	529.726
25.5	607.128	585.260	557.062	536.057	524.259
26.0	602.812	580.944	551.882	530.590	519.080
26.5	598.784	576.340	546.991	525.410	513.901

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	594.180	572.024	541.811	520.231	508.434
27.5	589.864	567.132	536.920	515.052	502.679
28.0	585.548	562.529	531.741	509.872	497.500
28.5	581.232	557.925	526.561	504.405	492.320
29.0	576.628	553.033	521.670	498.938	487.141
29.5	571.736	548.142	516.490	493.471	481.962
30.0	567.132	543.250	511.311	488.292	476.495
30.5	562.241	538.646	506.420	483.113	471.028
31.0	557.349	533.755	501.240	477.646	465.561
31.5	552.170	528.575	495.773	472.179	460.381
32.0	547.278	523.684	490.594	466.712	454.914
32.5	542.099	518.505	485.415	461.245	449.447
33.0	537.208	513.325	479.948	455.778	443.980
33.5	532.028	508.146	474.768	450.598	438.513
34.0	526.849	502.967	469.589	445.131	433.046
34.5	521.957	497.500	463.834	439.664	427.579
35.0	516.778	492.320	458.655	433.910	422.112
35.5	511.599	486.853	453.188	428.442	416.933
36.0	506.132	481.674	448.009	423.263	411.466
36.5	500.953	476.207	442.542	417.796	406.287
37.0	495.773	470.740	437.075	412.041	400.820
37.5	490.306	465.273	431.608	406.862	395.928
38.0	485.127	459.806	426.141	401.395	390.461
38.5	479.660	454.339	420.961	396.216	385.282
39.0	474.193	448.872	415.207	390.749	380.102
39.5	468.726	443.405	409.739	385.569	374.923
40.0	462.971	437.938	404.272	380.102	369.744
40.5	457.216	432.471	398.805	375.211	364.852
41.0	451.749	427.004	393.338	370.032	359.385
41.5	445.995	421.249	387.871	364.852	354.206
42.0	440.240	415.782	382.692	359.385	349.314
42.5	434.773	410.027	377.225	354.206	344.135
43.0	429.018	404.560	372.046	349.314	339.244
43.5	423.263	398.805	366.291	344.423	334.352
44.0	417.508	393.338	361.112	339.244	329.460
44.5	411.754	387.871	355.645	334.064	324.569
45.0	406.287	382.117	350.465	329.173	319.677
45.5	400.532	376.650	345.286	324.281	314.786
46.0	394.777	371.183	340.107	319.390	310.182
46.5	389.310	365.428	334.640	314.498	305.290
47.0	383.555	359.961	329.460	309.607	300.687
47.5	378.088	354.494	324.569	304.427	296.083
48.0	372.334	349.027	319.390	299.823	291.191
48.5	366.579	343.560	314.498	294.932	286.760
49.0	361.112	337.805	309.031	290.328	282.128
49.5	355.357	332.338	304.140	285.408	277.495
50.0	349.890	327.159	298.960	280.602	272.862
50.5	344.135	321.692	294.069	276.056	268.460
51.0	338.668	316.225	288.889	271.596	264.086
51.5	332.913	310.757	284.027	267.050	259.310
52.0	327.446	305.578	278.962	262.360	254.821
52.5	321.692	300.111	273.956	257.670	250.505
53.0	316.225	294.932	269.007	253.037	245.901
53.5	310.470	289.753	264.288	248.692	241.729
54.0	305.003	284.314	259.511	244.405	237.327
54.5	299.536	278.991	254.648	240.003	233.011

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	293.781	273.783	249.814	235.456	228.694
55.5	288.314	268.633	245.124	230.853	224.292
56.0	282.818	263.511	240.549	226.421	220.120
56.5	277.437	258.447	235.888	222.249	215.976
57.0	272.028	253.325	231.284	218.134	212.006
57.5	266.734	248.318	226.824	213.790	207.891
58.0	261.468	243.398	222.278	209.358	203.661
58.5	256.375	238.478	217.645	205.014	199.547
59.0	251.167	233.701	213.042	200.813	195.691
59.5	246.045	228.925	208.553	196.698	191.720
60.0	240.895	224.206	204.237	192.698	187.634
60.5	235.888	219.487	199.978	188.670	183.635
61.0	230.910	214.739	195.662	184.555	179.779
61.5	225.903	209.991	191.173	180.412	175.808
62.0	220.897	205.388	186.800	176.326	171.837
62.5	215.919	200.841	182.656	172.384	167.982
63.0	210.912	196.209	178.686	168.528	164.212
63.5	205.877	191.605	174.715	164.903	160.443
64.0	200.870	186.972	170.629	161.277	156.674
64.5	195.864	182.369	166.399	157.364	152.991
65.0	190.828	177.822	162.256	153.278	149.365
65.5	185.821	173.247	158.342	149.595	145.797
66.0	180.844	168.672	154.516	146.286	142.373
66.5	175.837	164.126	150.631	142.891	138.891
67.0	170.859	159.637	146.574	139.208	135.323
67.5	165.910	155.177	142.488	135.237	131.698
68.0	160.961	150.660	138.402	131.151	127.986
68.5	156.069	146.171	134.345	127.353	124.303
69.0	151.235	141.682	130.489	123.814	120.735
69.5	146.401	137.309	126.691	120.303	117.138
70.0	141.596	132.935	122.663	116.448	113.340
70.5	136.877	128.533	118.548	112.304	109.571
71.0	132.129	124.130	114.491	108.334	105.859
71.5	127.468	119.786	110.520	104.766	102.262
72.0	122.836	115.585	106.722	101.457	98.781
72.5	118.260	111.441	103.068	98.032	95.443
73.0	113.772	107.326	99.356	94.378	92.048
73.5	109.312	103.183	95.529	90.724	88.537
74.0	104.938	99.097	91.702	87.214	85.199
74.5	100.622	95.098	88.077	83.905	82.063
75.0	96.392	91.213	84.595	80.653	78.840
75.5	92.220	87.357	81.171	77.373	75.531
76.0	88.106	83.530	77.661	74.121	72.395
76.5	84.048	79.675	74.179	70.784	69.316
77.0	80.020	75.905	70.669	67.503	66.122
77.5	76.078	72.194	67.331	64.281	62.871
78.0	72.136	68.511	64.079	61.144	59.792
78.5	68.252	64.885	60.828	58.037	56.857
79.0	64.482	61.346	57.576	54.987	53.951
79.5	60.742	57.864	54.383	51.994	51.074
80.0	57.087	54.440	51.275	49.002	48.167
80.5	53.462	51.074	48.196	46.038	45.204
81.0	49.951	47.765	45.089	43.132	42.298
81.5	46.527	44.542	42.096	40.312	39.535
82.0	43.161	41.434	39.248	37.607	36.888
82.5	39.881	38.384	36.428	34.989	34.327

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	36.658	35.363	33.665	32.342	31.824
83.5	33.493	32.371	30.874	29.723	29.321
84.0	30.414	29.493	28.083	27.134	26.760
84.5	27.421	26.673	25.379	24.602	24.285
85.0	24.487	23.911	22.846	22.156	22.012
85.5	21.609	21.178	20.372	19.854	19.883
86.0	18.818	18.473	17.955	17.725	17.725
86.5	16.113	15.883	15.538	15.480	15.538
87.0	13.466	13.380	13.178	13.178	13.265
87.5	10.934	10.848	10.877	11.020	11.078
88.0	8.488	8.546	8.805	9.006	9.093
88.5	6.215	6.417	6.906	6.963	7.021
89.0	4.201	4.517	4.805	4.345	4.316
89.5	2.906	2.992	2.244	2.129	2.359
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	248.49	N.A.	15.70
0-30	508.73	N.A.	32.10
0-40	798.46	N.A.	50.40
0-60	1301.87	N.A.	82.20
0-80	1557.83	N.A.	98.30
0-90	1584.04	N.A.	100.00
10-90	1518.2	N.A.	95.80
20-40	549.97	N.A.	34.70
20-50	824.90	N.A.	52.10
40-70	667.89	N.A.	42.20
60-80	255.96	N.A.	16.20
70-80	91.48	N.A.	5.80
80-90	26.22	N.A.	1.70
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	1584.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	65.84
10-20	182.65
20-30	260.24
30-40	289.73
40-50	274.93
50-60	228.47
60-70	164.48
70-80	91.48
80-90	26.22
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 : LRX2-2-L8-830-DMA-DIM-UNV_.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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-2-L8-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

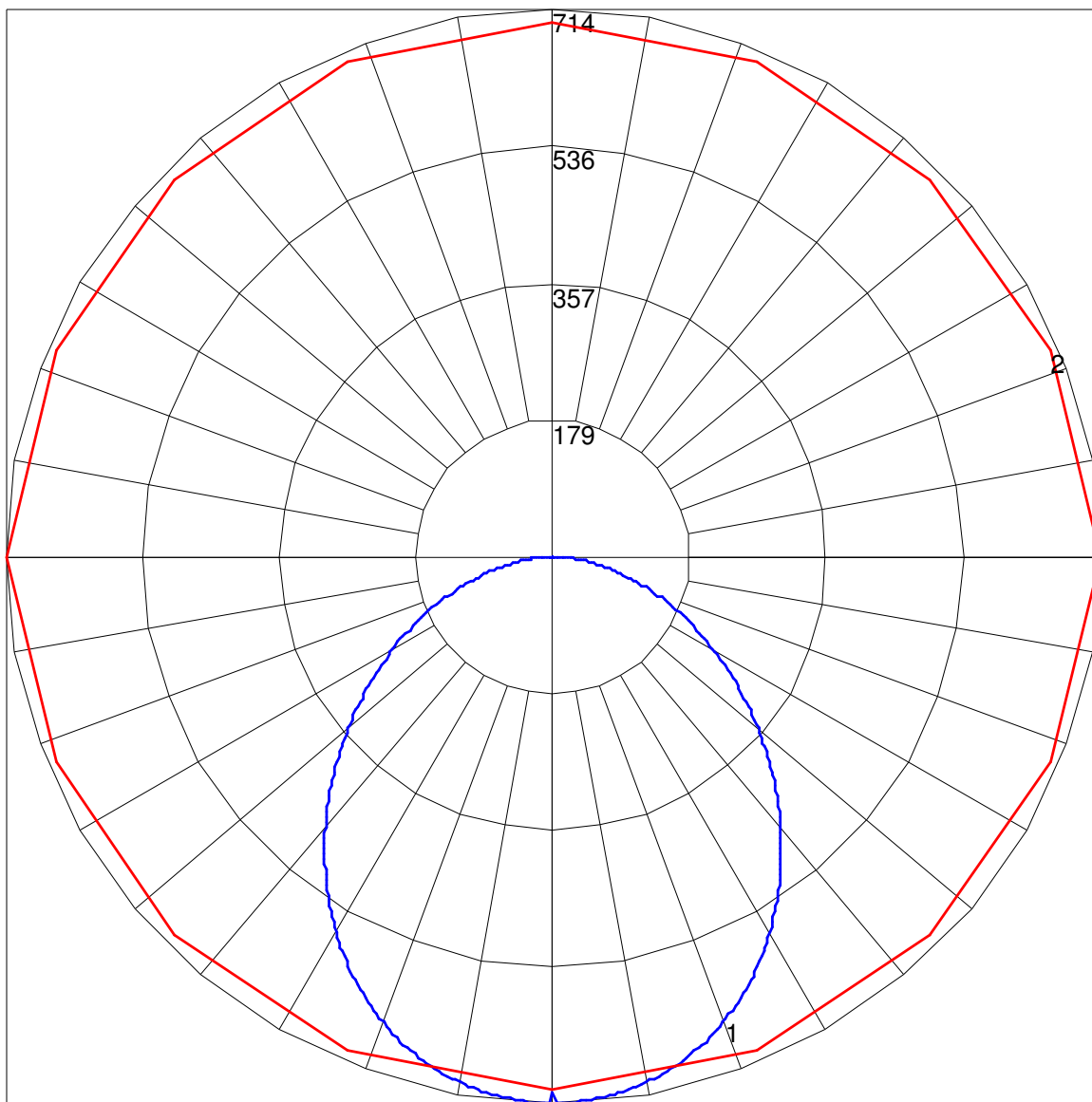
Reflectances

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	21.5	23.1	21.9	23.4	23.7	20.4	21.9	20.7	22.2	22.6
	3H	23.2	24.7	23.6	25.0	25.4	22.0	23.5	22.4	23.8	24.1
	4H	23.9	25.2	24.3	25.5	25.9	22.6	24.0	23.0	24.3	24.7
	6H	24.3	25.5	24.7	25.9	26.3	23.1	24.3	23.5	24.7	25.1
	8H	24.5	25.6	24.9	26.0	26.4	23.3	24.4	23.7	24.8	25.2
	12H	24.5	25.7	25.0	26.1	26.5	23.4	24.5	23.8	24.9	25.3
4H	2H	22.0	23.3	22.4	23.7	24.0	21.0	22.4	21.4	22.7	23.1
	3H	23.9	25.0	24.3	25.4	25.8	22.9	24.0	23.3	24.4	24.8
	4H	24.7	25.7	25.1	26.1	26.5	23.7	24.7	24.1	25.1	25.5
	6H	25.3	26.1	25.7	26.6	27.0	24.2	25.1	24.7	25.6	26.0
	8H	25.5	26.3	25.9	26.7	27.2	24.4	25.2	24.9	25.7	26.2
	12H	25.6	26.3	26.1	26.8	27.3	24.6	25.3	25.1	25.8	26.3
8H	4H	24.9	25.7	25.4	26.1	26.6	24.0	24.8	24.4	25.2	25.7
	6H	25.6	26.3	26.1	26.8	27.2	24.7	25.4	25.2	25.9	26.3
	8H	25.8	26.5	26.3	27.0	27.4	24.9	25.6	25.5	26.1	26.6
	12H	26.1	26.6	26.6	27.1	27.7	25.2	25.7	25.7	26.2	26.8
12H	4H	24.9	25.6	25.4	26.1	26.6	24.0	24.8	24.5	25.2	25.7
	6H	25.6	26.2	26.1	26.7	27.2	24.8	25.4	25.3	25.8	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.1	25.6	25.6	26.1	26.7

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 714.167 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)