



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-2-L8-840-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_SOURCETYPE] 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	1648
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	19247	16603	15144
55	17157	14590	13356
65	15126	12861	11839
75	12476	10949	10204
85	9411	8781	8460

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	730.149	730.149	730.149	730.149	730.149
0.5	743.022	730.748	726.557	728.353	724.761
1.0	743.022	730.449	726.557	728.353	724.461
1.5	742.723	730.449	726.258	728.054	724.162
2.0	742.423	729.850	725.659	727.754	723.264
2.5	742.124	729.251	725.359	726.856	722.665
3.0	741.525	728.652	724.461	726.258	721.468
3.5	740.926	728.054	723.563	725.060	720.270
4.0	740.328	727.455	722.665	724.162	719.372
4.5	739.729	726.557	721.767	722.965	717.875
5.0	739.130	725.659	720.270	721.468	716.379
5.5	737.933	724.461	719.073	719.672	714.283
6.0	737.035	723.264	717.576	718.175	712.487
6.5	736.137	722.366	716.079	716.079	710.391
7.0	734.939	720.869	714.582	713.984	708.296
7.5	733.742	719.672	712.786	711.888	705.901
8.0	732.544	717.875	710.990	709.493	703.805
8.5	731.047	716.379	708.894	707.098	701.111
9.0	729.551	714.882	706.799	704.404	698.417
9.5	728.054	713.086	704.404	701.410	695.423
10.0	726.557	711.289	702.009	698.716	692.729
10.5	724.761	709.493	699.614	695.722	689.136
11.0	722.965	707.398	696.920	692.729	685.843
11.5	720.869	705.302	694.226	689.436	682.550
12.0	718.773	702.907	691.232	686.143	678.958
12.5	716.977	700.512	688.238	682.550	675.066
13.0	714.582	698.117	685.245	678.958	671.474
13.5	712.187	695.423	681.952	675.066	667.582
14.0	710.092	692.729	678.958	671.474	663.690
14.5	707.398	690.035	675.366	667.582	659.499
15.0	705.003	687.340	672.073	663.391	655.608
15.5	702.308	684.347	668.181	659.200	651.117
16.0	700.213	681.652	664.589	655.009	646.627
16.5	698.117	678.659	660.697	650.518	642.136
17.0	695.423	675.665	656.805	646.028	637.646
17.5	691.531	672.671	652.913	641.538	632.856
18.0	687.939	669.977	649.022	636.748	627.767
18.5	684.347	666.385	644.831	631.958	622.678
19.0	681.353	662.493	640.639	626.869	617.588
19.5	678.060	658.601	636.448	621.779	612.200
20.0	674.767	654.710	631.958	616.990	606.512
20.5	671.175	650.818	627.767	611.900	601.123
21.0	667.582	647.225	623.276	606.512	595.435
21.5	663.990	643.334	618.786	601.423	590.047
22.0	660.098	639.143	613.996	596.034	584.359
22.5	656.506	635.251	609.506	590.346	578.970
23.0	652.315	631.060	605.314	584.958	573.582
23.5	648.423	626.569	600.525	579.569	567.894
24.0	644.232	622.378	595.136	574.181	562.505
24.5	640.041	617.888	590.047	568.792	556.817
25.0	635.850	613.697	584.658	563.104	551.130
25.5	631.658	608.907	579.569	557.716	545.442
26.0	627.168	604.416	574.181	552.028	540.053
26.5	622.977	599.627	569.091	546.639	534.664

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PHOTOMETRIC FILENAME : LRX2-2-L8-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	618.187	595.136	563.703	541.250	528.977
27.5	613.697	590.047	558.614	535.862	522.989
28.0	609.206	585.257	553.225	530.473	517.601
28.5	604.716	580.467	547.837	524.785	512.212
29.0	599.926	575.378	542.747	519.098	506.824
29.5	594.837	570.289	537.359	513.410	501.435
30.0	590.047	565.200	531.970	508.021	495.747
30.5	584.958	560.410	526.881	502.633	490.059
31.0	579.868	555.321	521.492	496.945	484.371
31.5	574.480	549.932	515.805	491.257	478.983
32.0	569.391	544.843	510.416	485.569	473.295
32.5	564.002	539.454	505.027	479.881	467.607
33.0	558.913	534.066	499.340	474.193	461.919
33.5	553.524	528.677	493.951	468.804	456.231
34.0	548.136	523.289	488.562	463.116	450.543
34.5	543.047	517.601	482.575	457.429	444.855
35.0	537.658	512.212	477.187	451.441	439.167
35.5	532.270	506.524	471.499	445.753	433.779
36.0	526.582	501.136	466.110	440.365	428.091
36.5	521.193	495.448	460.422	434.677	422.702
37.0	515.805	489.760	454.734	428.690	417.014
37.5	510.117	484.072	449.046	423.301	411.925
38.0	504.728	478.384	443.358	417.613	406.237
38.5	499.040	472.696	437.970	412.225	400.849
39.0	493.352	467.008	431.983	406.537	395.460
39.5	487.664	461.320	426.295	401.148	390.072
40.0	481.677	455.632	420.607	395.460	384.683
40.5	475.690	449.944	414.919	390.371	379.594
41.0	470.002	444.256	409.231	384.982	373.906
41.5	464.015	438.269	403.543	379.594	368.517
42.0	458.027	432.581	398.154	373.906	363.428
42.5	452.339	426.594	392.466	368.517	358.040
43.0	446.352	420.906	387.078	363.428	352.950
43.5	440.365	414.919	381.091	358.339	347.861
44.0	434.377	409.231	375.702	352.950	342.772
44.5	428.390	403.543	370.014	347.562	337.683
45.0	422.702	397.556	364.626	342.473	332.594
45.5	416.715	391.868	359.237	337.383	327.504
46.0	410.728	386.180	353.848	332.294	322.715
46.5	405.040	380.193	348.161	327.205	317.625
47.0	399.052	374.505	342.772	322.116	312.836
47.5	393.365	368.817	337.683	316.727	308.046
48.0	387.377	363.129	332.294	311.938	302.957
48.5	381.390	357.441	327.205	306.848	298.346
49.0	375.702	351.454	321.517	302.058	293.527
49.5	369.715	345.766	316.428	296.939	288.707
50.0	364.027	340.377	311.039	291.940	283.887
50.5	358.040	334.689	305.950	287.210	279.307
51.0	352.352	329.001	300.562	282.570	274.756
51.5	346.364	323.313	295.502	277.840	269.787
52.0	340.676	317.925	290.234	272.960	265.117
52.5	334.689	312.237	285.025	268.081	260.626
53.0	329.001	306.848	279.876	263.261	255.837
53.5	323.014	301.460	274.966	258.740	251.496
54.0	317.326	295.802	269.997	254.280	246.916
54.5	311.638	290.264	264.937	249.700	242.425

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CANDELA TABULATION - (Cont.)

55.0	305.651	284.845	259.908	244.970	237.935
55.5	299.963	279.486	255.028	240.180	233.354
56.0	294.245	274.158	250.268	235.570	229.014
56.5	288.647	268.889	245.419	231.229	224.703
57.0	283.019	263.560	240.629	226.948	220.572
57.5	277.511	258.351	235.989	222.428	216.291
58.0	272.032	253.232	231.259	217.817	211.890
58.5	266.734	248.113	226.439	213.297	207.609
59.0	261.315	243.144	221.649	208.926	203.598
59.5	255.986	238.174	216.979	204.645	199.466
60.0	250.628	233.265	212.489	200.484	195.215
60.5	245.419	228.355	208.058	196.293	191.054
61.0	240.240	223.416	203.568	192.012	187.043
61.5	235.031	218.476	198.898	187.701	182.912
62.0	229.822	213.686	194.347	183.450	178.780
62.5	224.643	208.956	190.036	179.349	174.769
63.0	219.434	204.136	185.905	175.338	170.847
63.5	214.195	199.347	181.774	171.566	166.925
64.0	208.986	194.527	177.523	167.794	163.004
64.5	203.777	189.737	173.122	163.722	159.172
65.0	198.538	185.007	168.811	159.471	155.400
65.5	193.329	180.247	164.740	155.639	151.688
66.0	188.150	175.487	160.759	152.197	148.125
66.5	182.941	170.757	156.717	148.664	144.503
67.0	177.762	166.087	152.496	144.832	140.791
67.5	172.613	161.447	148.245	140.701	137.019
68.0	167.464	156.747	143.994	136.450	133.157
68.5	162.375	152.077	139.773	132.499	129.325
69.0	157.346	147.407	135.762	128.816	125.613
69.5	152.317	142.857	131.810	125.164	121.871
70.0	147.317	138.306	127.619	121.153	117.920
70.5	142.408	133.726	123.338	116.842	113.998
71.0	137.468	129.146	119.117	112.711	110.136
71.5	132.618	124.625	114.986	108.999	106.394
72.0	127.799	120.255	111.034	105.556	102.772
72.5	123.039	115.944	107.232	101.993	99.299
73.0	118.369	111.663	103.370	98.191	95.767
73.5	113.728	107.352	99.389	94.390	92.114
74.0	109.178	103.101	95.407	90.737	88.642
74.5	104.688	98.940	91.635	87.295	85.379
75.0	100.287	94.898	88.013	83.912	82.026
75.5	95.946	90.887	84.451	80.499	78.583
76.0	91.665	86.905	80.798	77.116	75.320
76.5	87.444	82.894	77.176	73.644	72.117
77.0	83.253	78.972	73.524	70.231	68.794
77.5	79.152	75.110	70.051	66.878	65.411
78.0	75.051	71.279	66.668	63.615	62.208
78.5	71.009	67.507	63.286	60.382	59.154
79.0	67.088	63.824	59.903	57.209	56.131
79.5	63.196	60.202	56.580	54.095	53.137
80.0	59.394	56.640	53.347	50.982	50.114
80.5	55.622	53.137	50.144	47.898	47.030
81.0	51.970	49.694	46.910	44.875	44.007
81.5	48.407	46.342	43.797	41.941	41.133
82.0	44.905	43.108	40.833	39.127	38.378
82.5	41.492	39.935	37.900	36.403	35.714

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CANDELA TABULATION - (Cont.)

83.0	38.139	36.792	35.026	33.649	33.110
83.5	34.846	33.678	32.122	30.924	30.505
84.0	31.643	30.685	29.218	28.230	27.841
84.5	28.529	27.751	26.404	25.596	25.266
85.0	25.476	24.877	23.770	23.051	22.901
85.5	22.482	22.033	21.195	20.656	20.686
86.0	19.578	19.219	18.680	18.441	18.441
86.5	16.764	16.525	16.166	16.106	16.166
87.0	14.010	13.920	13.711	13.711	13.801
87.5	11.376	11.286	11.316	11.466	11.526
88.0	8.831	8.891	9.161	9.370	9.460
88.5	6.466	6.676	7.185	7.245	7.304
89.0	4.371	4.700	4.999	4.520	4.490
89.5	3.024	3.113	2.335	2.215	2.455
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

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PHOTOMETRIC FILENAME : LRX2-2-L8-840-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

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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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	258.53	N.A.	15.70
0-30	529.28	N.A.	32.10
0-40	830.72	N.A.	50.40
0-60	1354.47	N.A.	82.20
0-80	1620.77	N.A.	98.30
0-90	1648.05	N.A.	100.00
10-90	1579.55	N.A.	95.80
20-40	572.19	N.A.	34.70
20-50	858.23	N.A.	52.10
40-70	694.88	N.A.	42.20
60-80	266.30	N.A.	16.20
70-80	95.17	N.A.	5.80
80-90	27.28	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	1648.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	68.50
10-20	190.03
20-30	270.75
30-40	301.44
40-50	286.04
50-60	237.71
60-70	171.13
70-80	95.17
80-90	27.28
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-L8-840-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-L8-840-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

X=2H	Y=2H	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.3	22.7
	3H	23.3	24.8	23.7	25.1	25.5	22.1	23.6	22.5	23.9	24.2
	4H	24.0	25.3	24.4	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.6	25.7	25.0	26.1	26.5	23.4	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.2	26.6	23.5	24.6	23.9	25.0	25.4

UGR Viewed Endwise

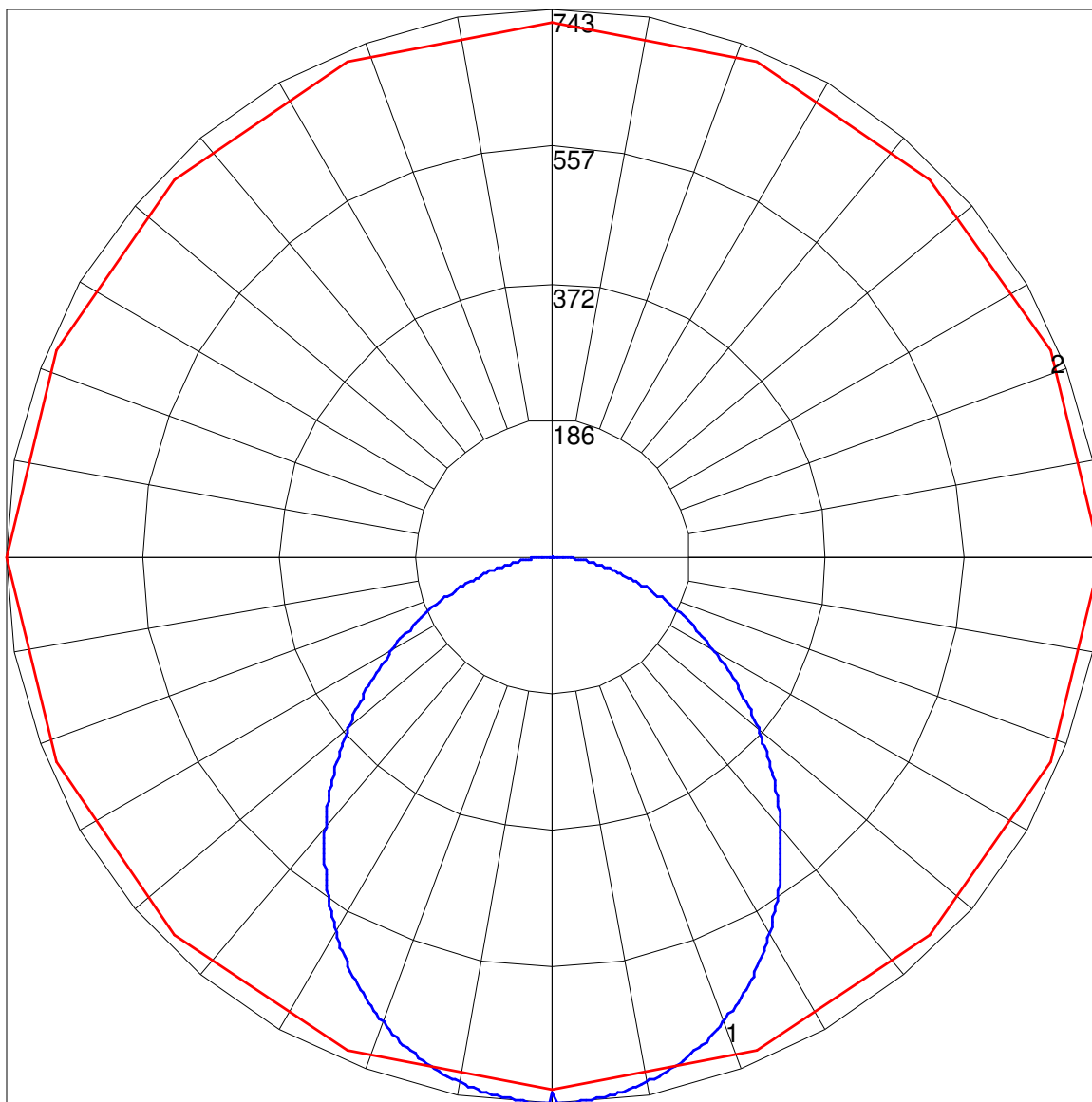
4H	2H	22.1	23.4	22.5	23.8	24.1	21.1	22.5	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.8	24.8	24.2	25.2	25.6
	6H	25.4	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.7	26.1
	8H	25.6	26.4	26.0	26.8	27.3	24.5	25.3	25.0	25.8	26.3
	12H	25.7	26.4	26.2	26.9	27.4	24.7	25.4	25.2	25.9	26.4

8H	4H	25.0	25.8	25.5	26.2	26.7	24.1	24.9	24.6	25.3	25.8
	6H	25.7	26.4	26.2	26.9	27.3	24.8	25.5	25.3	26.0	26.4
	8H	25.9	26.6	26.4	27.1	27.5	25.0	25.7	25.6	26.2	26.7
	12H	26.2	26.7	26.7	27.2	27.8	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.9	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.9	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 743.022 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.)