



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L8-935-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] LRX2-4-L8-935-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	2656
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	27.6
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)	4.00 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	15510	13379	12204
55	13826	11757	10763
65	12189	10364	9540
75	10053	8823	8223
85	7584	7076	6817

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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	1176.746	1176.746	1176.746	1176.746	1176.746
0.5	1197.492	1177.711	1170.956	1173.851	1168.061
1.0	1197.492	1177.228	1170.956	1173.851	1167.579
1.5	1197.009	1177.228	1170.473	1173.368	1167.096
2.0	1196.527	1176.263	1169.509	1172.886	1165.649
2.5	1196.044	1175.298	1169.026	1171.438	1164.684
3.0	1195.079	1174.333	1167.579	1170.473	1162.754
3.5	1194.115	1173.368	1166.131	1168.544	1160.824
4.0	1193.150	1172.403	1164.684	1167.096	1159.377
4.5	1192.185	1170.956	1163.236	1165.166	1156.964
5.0	1191.220	1169.509	1160.824	1162.754	1154.552
5.5	1189.290	1167.579	1158.894	1159.859	1151.175
6.0	1187.842	1165.649	1156.482	1157.447	1148.280
6.5	1186.395	1164.201	1154.069	1154.069	1144.903
7.0	1184.465	1161.789	1151.657	1150.692	1141.525
7.5	1182.535	1159.859	1148.762	1147.315	1137.665
8.0	1180.605	1156.964	1145.867	1143.455	1134.288
8.5	1178.193	1154.552	1142.490	1139.595	1129.946
9.0	1175.781	1152.140	1139.113	1135.253	1125.604
9.5	1173.368	1149.245	1135.253	1130.428	1120.779
10.0	1170.956	1146.350	1131.393	1126.086	1116.437
10.5	1168.061	1143.455	1127.534	1121.261	1110.647
11.0	1165.166	1140.078	1123.191	1116.437	1105.340
11.5	1161.789	1136.701	1118.849	1111.130	1100.033
12.0	1158.412	1132.841	1114.024	1105.822	1094.243
12.5	1155.517	1128.981	1109.200	1100.033	1087.971
13.0	1151.657	1125.121	1104.375	1094.243	1082.181
13.5	1147.797	1120.779	1099.068	1087.971	1075.909
14.0	1144.420	1116.437	1094.243	1082.181	1069.637
14.5	1140.078	1112.095	1088.453	1075.909	1062.883
15.0	1136.218	1107.752	1083.146	1069.155	1056.610
15.5	1131.876	1102.928	1076.874	1062.400	1049.373
16.0	1128.499	1098.585	1071.085	1055.645	1042.136
16.5	1125.121	1093.761	1064.812	1048.408	1034.899
17.0	1120.779	1088.936	1058.540	1041.171	1027.662
17.5	1114.507	1084.111	1052.268	1033.934	1019.943
18.0	1108.717	1079.769	1045.996	1026.215	1011.741
18.5	1102.928	1073.979	1039.241	1018.495	1003.539
19.0	1098.103	1067.707	1032.487	1010.293	995.337
19.5	1092.796	1061.435	1025.732	1002.091	986.652
20.0	1087.489	1055.163	1018.495	994.372	977.485
20.5	1081.699	1048.891	1011.741	986.170	968.801
21.0	1075.909	1043.101	1004.504	977.485	959.634
21.5	1070.120	1036.829	997.267	969.283	950.949
22.0	1063.847	1030.075	989.547	960.599	941.782
22.5	1058.058	1023.802	982.310	951.432	933.098
23.0	1051.303	1017.048	975.555	942.747	924.414
23.5	1045.031	1009.811	967.836	934.063	915.247
24.0	1038.277	1003.056	959.151	925.378	906.562
24.5	1031.522	995.819	950.949	916.694	897.395
25.0	1024.767	989.065	942.265	907.527	888.228
25.5	1018.013	981.345	934.063	898.843	879.061
26.0	1010.776	974.108	925.378	889.676	870.377
26.5	1004.021	966.388	917.176	880.991	861.692

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CANDELA TABULATION - (Cont.)

27.0	996.302	959.151	908.492	872.307	852.525
27.5	989.065	950.949	900.290	863.622	842.876
28.0	981.827	943.230	891.606	854.938	834.192
28.5	974.590	935.510	882.921	845.771	825.507
29.0	966.871	927.308	874.719	836.604	816.823
29.5	958.669	919.106	866.035	827.437	808.138
30.0	950.949	910.904	857.350	818.752	798.971
30.5	942.747	903.185	849.148	810.068	789.804
31.0	934.545	894.983	840.464	800.901	780.637
31.5	925.861	886.298	831.297	791.734	771.953
32.0	917.659	878.096	822.612	782.567	762.786
32.5	908.974	869.412	813.928	773.400	753.619
33.0	900.772	860.727	804.761	764.233	744.452
33.5	892.088	852.043	796.076	755.549	735.285
34.0	883.404	843.358	787.392	746.382	726.118
34.5	875.202	834.192	777.742	737.215	716.951
35.0	866.517	825.507	769.058	727.566	707.784
35.5	857.833	816.340	759.891	718.399	699.100
36.0	848.666	807.656	751.207	709.714	689.933
36.5	839.981	798.489	742.040	700.547	681.248
37.0	831.297	789.322	732.873	690.898	672.081
37.5	822.130	780.155	723.706	682.213	663.879
38.0	813.445	770.988	714.539	673.046	654.712
38.5	804.278	761.821	705.854	664.362	646.028
39.0	795.111	752.654	696.205	655.195	637.344
39.5	785.944	743.487	687.038	646.510	628.659
40.0	776.295	734.320	677.871	637.344	619.975
40.5	766.646	725.153	668.704	629.142	611.773
41.0	757.479	715.986	659.537	620.457	602.606
41.5	747.829	706.337	650.370	611.773	593.921
42.0	738.180	697.170	641.686	602.606	585.719
42.5	729.013	687.520	632.519	593.921	577.035
43.0	719.364	678.354	623.834	585.719	568.833
43.5	709.714	668.704	614.185	577.517	560.631
44.0	700.065	659.537	605.500	568.833	552.429
44.5	690.415	650.370	596.334	560.148	544.227
45.0	681.248	640.721	587.649	551.946	536.025
45.5	671.599	631.554	578.965	543.744	527.823
46.0	661.950	622.387	570.280	535.542	520.103
46.5	652.783	612.738	561.113	527.340	511.901
47.0	643.133	603.571	552.429	519.138	504.182
47.5	633.966	594.404	544.227	510.454	496.462
48.0	624.317	585.237	535.542	502.734	488.260
48.5	614.667	576.070	527.340	494.532	480.830
49.0	605.500	566.420	518.173	486.813	473.062
49.5	595.851	557.253	509.971	478.563	465.295
50.0	586.684	548.569	501.287	470.505	457.527
50.5	577.035	539.402	493.085	462.882	450.145
51.0	567.868	530.235	484.400	455.404	442.811
51.5	558.218	521.068	476.247	447.781	434.802
52.0	549.051	512.384	467.755	439.917	427.276
52.5	539.402	503.217	459.360	432.052	420.039
53.0	530.235	494.532	451.062	424.285	412.319
53.5	520.586	485.848	443.149	416.999	405.323
54.0	511.419	476.729	435.140	409.810	397.942
54.5	502.252	467.803	426.986	402.429	390.705

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CANDELA TABULATION - (Cont.)

55.0	492.602	459.071	418.881	394.806	383.468
55.5	483.435	450.434	411.017	387.086	376.086
56.0	474.220	441.846	403.345	379.656	369.090
56.5	465.198	433.355	395.529	372.660	362.142
57.0	456.128	424.767	387.810	365.761	355.484
57.5	447.250	416.372	380.332	358.476	348.585
58.0	438.421	408.122	372.708	351.046	341.493
58.5	429.881	399.872	364.941	343.760	334.593
59.0	421.149	391.863	357.221	336.716	328.128
59.5	412.561	383.854	349.695	329.817	321.470
60.0	403.924	375.941	342.458	323.111	314.619
60.5	395.529	368.029	335.317	316.356	307.913
61.0	387.183	360.068	328.080	309.457	301.448
61.5	378.788	352.107	320.553	302.509	294.789
62.0	370.393	344.387	313.220	295.658	288.131
62.5	362.046	336.764	306.272	289.048	281.666
63.0	353.651	328.997	299.614	282.583	275.346
63.5	345.208	321.277	292.956	276.504	269.026
64.0	336.813	313.509	286.105	270.425	262.705
64.5	328.418	305.790	279.013	263.863	256.530
65.0	319.974	298.167	272.065	257.012	250.450
65.5	311.579	290.495	265.504	250.836	244.468
66.0	303.233	282.824	259.087	245.288	238.726
66.5	294.838	275.201	252.573	239.595	232.889
67.0	286.491	267.675	245.770	233.419	226.906
67.5	278.192	260.196	238.919	226.761	220.827
68.0	269.894	252.622	232.068	219.910	214.603
68.5	261.692	245.095	225.265	213.541	208.427
69.0	253.587	237.568	218.800	207.607	202.445
69.5	245.481	230.235	212.432	201.721	196.414
70.0	237.424	222.901	205.677	195.256	190.045
70.5	229.511	215.520	198.778	188.308	183.725
71.0	221.550	208.138	191.975	181.650	177.501
71.5	213.734	200.852	185.317	175.668	171.470
72.0	205.967	193.808	178.948	170.119	165.632
72.5	198.295	186.861	172.821	164.378	160.035
73.0	190.769	179.962	166.597	158.250	154.342
73.5	183.291	173.014	160.180	152.123	148.456
74.0	175.957	166.163	153.763	146.237	142.860
74.5	168.720	159.457	147.684	140.688	137.601
75.0	161.628	152.943	141.846	135.236	132.197
75.5	154.632	146.478	136.105	129.736	126.649
76.0	147.732	140.061	130.219	124.284	121.390
76.5	140.930	133.596	124.381	118.688	116.227
77.0	134.175	127.276	118.495	113.188	110.872
77.5	127.565	121.052	112.898	107.784	105.420
78.0	120.955	114.876	107.446	102.525	100.257
78.5	114.442	108.797	101.994	97.314	95.336
79.0	108.122	102.863	96.542	92.200	90.463
79.5	101.850	97.025	91.187	87.182	85.639
80.0	95.722	91.283	85.976	82.165	80.766
80.5	89.643	85.639	80.814	77.195	75.796
81.0	83.757	80.090	75.603	72.322	70.923
81.5	78.015	74.686	70.585	67.594	66.291
82.0	72.371	69.476	65.809	63.059	61.853
82.5	66.870	64.362	61.081	58.668	57.559

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CANDELA TABULATION - (Cont.)

83.0	61.467	59.296	56.449	54.230	53.361
83.5	56.160	54.278	51.769	49.839	49.164
84.0	50.997	49.453	47.089	45.497	44.870
84.5	45.979	44.725	42.554	41.251	40.721
85.0	41.058	40.093	38.308	37.150	36.909
85.5	36.234	35.510	34.159	33.290	33.339
86.0	31.554	30.975	30.106	29.720	29.720
86.5	27.018	26.632	26.053	25.957	26.053
87.0	22.580	22.435	22.097	22.097	22.242
87.5	18.334	18.189	18.237	18.479	18.575
88.0	14.233	14.329	14.764	15.101	15.246
88.5	10.421	10.759	11.579	11.676	11.772
89.0	7.044	7.575	8.057	7.285	7.237
89.5	4.873	5.018	3.763	3.570	3.956
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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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 : LRX2-4-L8-935-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 : LRX2-4-L8-935-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 : LRX2-4-L8-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	416.66	N.A.	15.70
0-30	853.02	N.A.	32.10
0-40	1338.83	N.A.	50.40
0-60	2182.93	N.A.	82.20
0-80	2612.11	N.A.	98.30
0-90	2656.07	N.A.	100.00
10-90	2545.68	N.A.	95.80
20-40	922.17	N.A.	34.70
20-50	1383.17	N.A.	52.10
40-70	1119.9	N.A.	42.20
60-80	429.18	N.A.	16.20
70-80	153.38	N.A.	5.80
80-90	43.96	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	2656.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	110.40
10-20	306.26
20-30	436.36
30-40	485.81
40-50	461.00
50-60	383.10
60-70	275.80
70-80	153.38
80-90	43.96
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 : LRX2-4-L8-935-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 : LRX2-4-L8-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

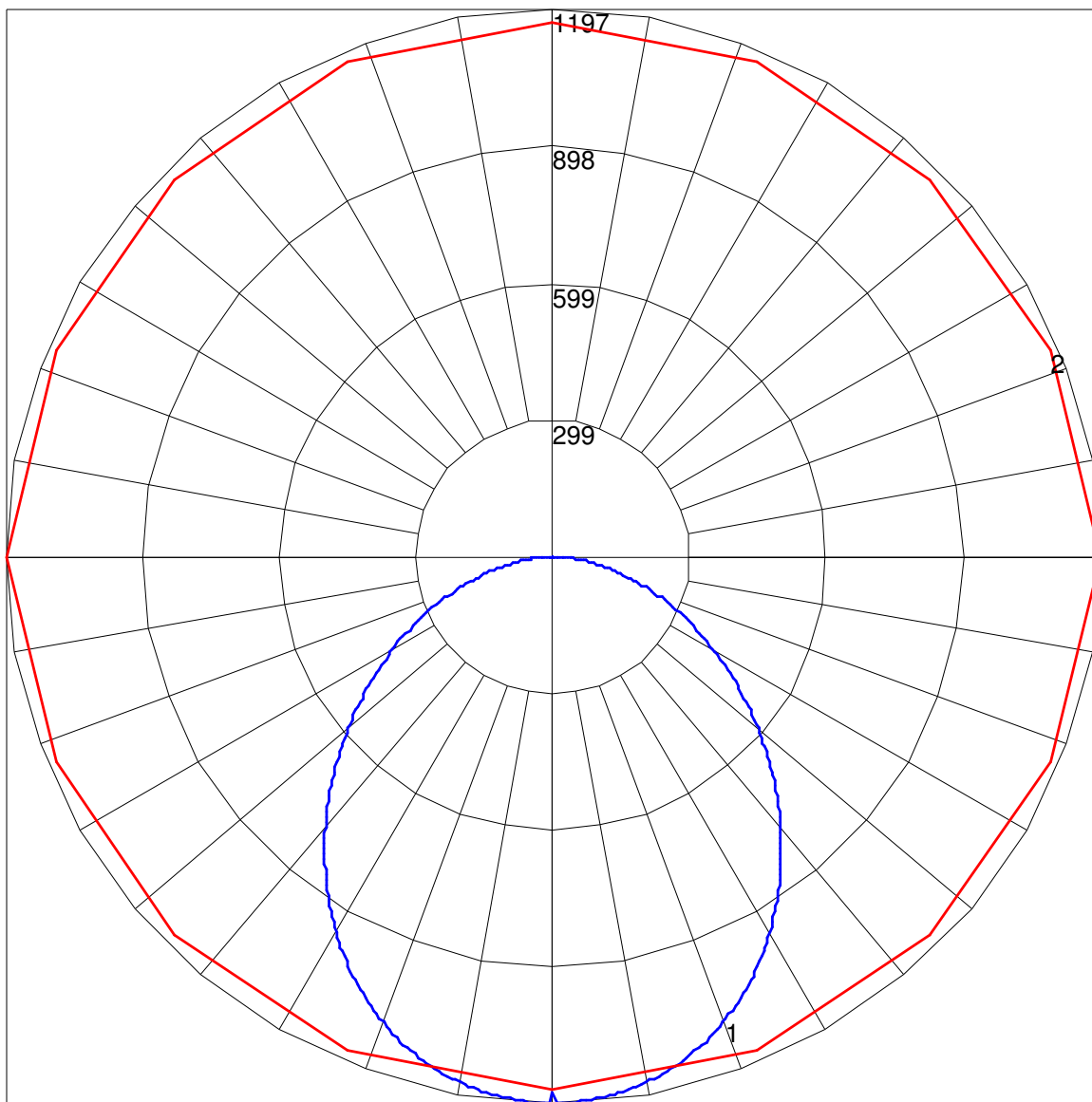
Reflectances

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	20.9	22.5	21.3	22.8	23.1	19.8	21.3	20.1	21.6	22.0
	3H	22.6	24.1	23.0	24.4	24.7	21.4	22.8	21.8	23.2	23.5
	4H	23.3	24.6	23.6	24.9	25.3	22.0	23.4	22.4	23.7	24.1
	6H	23.7	24.9	24.1	25.3	25.7	22.5	23.7	22.9	24.1	24.5
	8H	23.9	25.0	24.3	25.4	25.8	22.7	23.8	23.1	24.2	24.6
	12H	23.9	25.1	24.4	25.4	25.9	22.8	23.9	23.2	24.3	24.7
4H	2H	21.4	22.7	21.8	23.0	23.4	20.4	21.8	20.8	22.1	22.5
	3H	23.3	24.4	23.7	24.8	25.2	22.3	23.4	22.7	23.8	24.2
	4H	24.1	25.1	24.5	25.5	25.9	23.0	24.0	23.5	24.5	24.9
	6H	24.7	25.5	25.1	26.0	26.4	23.6	24.5	24.1	24.9	25.4
	8H	24.8	25.7	25.3	26.1	26.6	23.8	24.6	24.3	25.1	25.5
	12H	25.0	25.7	25.5	26.2	26.7	24.0	24.7	24.5	25.2	25.7
8H	4H	24.3	25.1	24.7	25.5	26.0	23.4	24.2	23.8	24.6	25.1
	6H	25.0	25.7	25.5	26.1	26.6	24.1	24.8	24.6	25.2	25.7
	8H	25.2	25.8	25.7	26.4	26.8	24.3	25.0	24.8	25.5	25.9
	12H	25.5	26.0	26.0	26.5	27.0	24.6	25.1	25.1	25.6	26.2
12H	4H	24.3	25.0	24.8	25.5	26.0	23.4	24.1	23.9	24.6	25.1
	6H	25.0	25.6	25.5	26.1	26.6	24.1	24.8	24.7	25.2	25.8
	8H	25.3	25.9	25.8	26.4	26.9	24.5	25.0	25.0	25.5	26.1

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 1197.492 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.)