



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-930-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] LRX2-8-L4-930-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	2657
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	28.8
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)	8.00 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	7757	6691	6104
55	6915	5880	5383
65	6096	5183	4772
75	5028	4413	4113
85	3793	3539	3410

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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	1177.100	1177.100	1177.100	1177.100	1177.100
0.5	1197.852	1178.065	1171.309	1174.204	1168.413
1.0	1197.852	1177.583	1171.309	1174.204	1167.930
1.5	1197.370	1177.583	1170.826	1173.722	1167.448
2.0	1196.887	1176.617	1169.861	1173.239	1166.000
2.5	1196.405	1175.652	1169.378	1171.791	1165.035
3.0	1195.439	1174.687	1167.930	1170.826	1163.104
3.5	1194.474	1173.722	1166.482	1168.895	1161.174
4.0	1193.509	1172.756	1165.035	1167.448	1159.726
4.5	1192.544	1171.309	1163.587	1165.517	1157.313
5.0	1191.578	1169.861	1161.174	1163.104	1154.900
5.5	1189.648	1167.930	1159.243	1160.208	1151.521
6.0	1188.200	1166.000	1156.830	1157.795	1148.626
6.5	1186.752	1164.552	1154.417	1154.417	1145.247
7.0	1184.822	1162.139	1152.004	1151.039	1141.869
7.5	1182.891	1160.208	1149.108	1147.660	1138.008
8.0	1180.961	1157.313	1146.213	1143.799	1134.630
8.5	1178.548	1154.900	1142.834	1139.939	1130.286
9.0	1176.135	1152.487	1139.456	1135.595	1125.943
9.5	1173.722	1149.591	1135.595	1130.769	1121.117
10.0	1171.309	1146.695	1131.734	1126.425	1116.773
10.5	1168.413	1143.799	1127.873	1121.599	1110.982
11.0	1165.517	1140.421	1123.530	1116.773	1105.673
11.5	1162.139	1137.043	1119.186	1111.464	1100.364
12.0	1158.761	1133.182	1114.360	1106.155	1094.573
12.5	1155.865	1129.321	1109.534	1100.364	1088.299
13.0	1152.004	1125.460	1104.708	1094.573	1082.507
13.5	1148.143	1121.117	1099.399	1088.299	1076.233
14.0	1144.765	1116.773	1094.573	1082.507	1069.959
14.5	1140.421	1112.429	1088.781	1076.233	1063.203
15.0	1136.560	1108.086	1083.472	1069.477	1056.929
15.5	1132.217	1103.260	1077.198	1062.720	1049.689
16.0	1128.838	1098.916	1071.407	1055.963	1042.450
16.5	1125.460	1094.090	1065.133	1048.724	1035.211
17.0	1121.117	1089.264	1058.859	1041.485	1027.972
17.5	1114.842	1084.438	1052.585	1034.246	1020.250
18.0	1109.051	1080.094	1046.311	1026.524	1012.045
18.5	1103.260	1074.303	1039.554	1018.802	1003.841
19.0	1098.434	1068.029	1032.798	1010.597	995.636
19.5	1093.125	1061.755	1026.041	1002.393	986.949
20.0	1087.816	1055.481	1018.802	994.671	977.780
20.5	1082.025	1049.207	1012.045	986.467	969.093
21.0	1076.233	1043.415	1004.806	977.780	959.923
21.5	1070.442	1037.141	997.567	969.575	951.236
22.0	1064.168	1030.385	989.845	960.888	942.066
22.5	1058.376	1024.111	982.606	951.718	933.379
23.0	1051.620	1017.354	975.849	943.031	924.692
23.5	1045.346	1010.115	968.127	934.344	915.522
24.0	1038.589	1003.358	959.440	925.657	906.835
24.5	1031.833	996.119	951.236	916.970	897.665
25.0	1025.076	989.362	942.549	907.800	888.496
25.5	1018.319	981.641	934.344	899.113	879.326
26.0	1011.080	974.401	925.657	889.944	870.639
26.5	1004.323	966.679	917.453	881.256	861.952

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CANDELA TABULATION - (Cont.)

27.0	996.602	959.440	908.766	872.569	852.782
27.5	989.362	951.236	900.561	863.882	843.130
28.0	982.123	943.514	891.874	855.195	834.443
28.5	974.884	935.792	883.187	846.025	825.756
29.0	967.162	927.588	874.982	836.856	817.069
29.5	958.958	919.383	866.295	827.686	808.381
30.0	951.236	911.179	857.608	818.999	799.212
30.5	943.031	903.457	849.404	810.312	790.042
31.0	934.827	895.252	840.717	801.142	780.872
31.5	926.140	886.565	831.547	791.973	772.185
32.0	917.935	878.361	822.860	782.803	763.016
32.5	909.248	869.674	814.173	773.633	753.846
33.0	901.044	860.987	805.003	764.463	744.676
33.5	892.357	852.300	796.316	755.776	735.506
34.0	883.670	843.612	787.629	746.607	726.337
34.5	875.465	834.443	777.977	737.437	717.167
35.0	866.778	825.756	769.290	727.785	707.997
35.5	858.091	816.586	760.120	718.615	699.310
36.0	848.921	807.899	751.433	709.928	690.141
36.5	840.234	798.729	742.263	700.758	681.454
37.0	831.547	789.559	733.093	691.106	672.284
37.5	822.377	780.390	723.924	682.419	664.079
38.0	813.690	771.220	714.754	673.249	654.910
38.5	804.521	762.050	706.067	664.562	646.223
39.0	795.351	752.881	696.415	655.392	637.535
39.5	786.181	743.711	687.245	646.705	628.848
40.0	776.529	734.541	678.075	637.535	620.161
40.5	766.877	725.372	668.905	629.331	611.957
41.0	757.707	716.202	659.736	620.644	602.787
41.5	748.054	706.550	650.566	611.957	594.100
42.0	738.402	697.380	641.879	602.787	585.896
42.5	729.232	687.728	632.709	594.100	577.208
43.0	719.580	678.558	624.022	585.896	569.004
43.5	709.928	668.905	614.370	577.691	560.800
44.0	700.276	659.736	605.683	569.004	552.595
44.5	690.623	650.566	596.513	560.317	544.391
45.0	681.454	640.914	587.826	552.112	536.186
45.5	671.801	631.744	579.139	543.908	527.982
46.0	662.149	622.574	570.452	535.704	520.260
46.5	652.979	612.922	561.282	527.499	512.055
47.0	643.327	603.752	552.595	519.295	504.334
47.5	634.157	594.583	544.391	510.608	496.612
48.0	624.505	585.413	535.704	502.886	488.407
48.5	614.853	576.243	527.499	494.681	480.975
49.0	605.683	566.591	518.329	486.959	473.205
49.5	596.031	557.421	510.125	478.707	465.435
50.0	586.861	548.734	501.438	470.647	457.665
50.5	577.208	539.564	493.233	463.022	450.281
51.0	568.039	530.395	484.546	455.541	442.945
51.5	558.386	521.225	476.390	447.916	434.933
52.0	549.217	512.538	467.896	440.049	427.405
52.5	539.564	503.368	459.499	432.182	420.165
53.0	530.395	494.681	451.198	424.412	412.443
53.5	520.742	485.994	443.283	417.125	405.446
54.0	511.573	476.873	435.271	409.934	398.062
54.5	502.403	467.944	427.115	402.550	390.822

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CANDELA TABULATION - (Cont.)

55.0	492.751	459.209	419.007	394.925	383.583
55.5	483.581	450.570	411.140	387.203	376.199
56.0	474.363	441.980	403.467	379.770	369.201
56.5	465.338	433.486	395.648	372.772	362.251
57.0	456.265	424.895	387.927	365.871	355.591
57.5	447.385	416.497	380.446	358.584	348.690
58.0	438.553	408.245	372.821	351.151	341.595
58.5	430.011	399.992	365.051	343.864	334.694
59.0	421.275	391.981	357.329	336.818	328.227
59.5	412.685	383.969	349.800	329.916	321.567
60.0	404.046	376.054	342.561	323.208	314.714
60.5	395.648	368.139	335.418	316.451	308.005
61.0	387.299	360.176	328.179	309.550	301.538
61.5	378.902	352.213	320.650	302.600	294.878
62.0	370.504	344.491	313.314	295.747	288.218
62.5	362.155	336.866	306.365	289.135	281.751
63.0	353.757	329.096	299.704	282.668	275.429
63.5	345.312	321.374	293.044	276.587	269.107
64.0	336.914	313.604	286.191	270.506	262.784
64.5	328.517	305.882	279.097	263.943	256.607
65.0	320.071	298.257	272.147	257.089	250.526
65.5	311.673	290.583	265.583	250.912	244.541
66.0	303.324	282.909	259.165	245.362	238.798
66.5	294.927	275.284	252.649	239.667	232.959
67.0	286.577	267.755	245.844	233.490	226.974
67.5	278.276	260.275	238.991	226.829	220.893
68.0	269.975	252.698	232.138	219.976	214.668
68.5	261.771	245.169	225.333	213.606	208.490
69.0	253.663	237.640	218.866	207.670	202.506
69.5	245.555	230.304	212.496	201.782	196.473
70.0	237.495	222.968	205.739	195.315	190.102
70.5	229.580	215.584	198.838	188.365	183.780
71.0	221.617	208.200	192.033	181.705	177.554
71.5	213.799	200.913	185.373	175.720	171.522
72.0	206.029	193.867	179.002	170.170	165.682
72.5	198.355	186.917	172.873	164.427	160.084
73.0	190.826	180.016	166.647	158.298	154.389
73.5	183.346	173.066	160.228	152.169	148.501
74.0	176.010	166.213	153.810	146.281	142.903
74.5	168.771	159.505	147.729	140.731	137.642
75.0	161.676	152.989	141.889	135.277	132.237
75.5	154.678	146.522	136.146	129.775	126.687
76.0	147.777	140.103	130.258	124.322	121.426
76.5	140.972	133.636	124.418	118.723	116.262
77.0	134.215	127.314	118.530	113.222	110.905
77.5	127.604	121.088	112.932	107.816	105.452
78.0	120.992	114.911	107.479	102.556	100.288
78.5	114.476	108.830	102.025	97.344	95.365
79.0	108.154	102.894	96.571	92.228	90.490
79.5	101.880	97.054	91.214	87.209	85.664
80.0	95.751	91.311	86.002	82.189	80.790
80.5	89.670	85.664	80.838	77.219	75.819
81.0	83.782	80.114	75.626	72.344	70.945
81.5	78.039	74.709	70.607	67.614	66.311
82.0	72.392	69.497	65.829	63.078	61.871
82.5	66.891	64.381	61.099	58.686	57.576

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CANDELA TABULATION - (Cont.)

83.0	61.485	59.313	56.466	54.246	53.377
83.5	56.176	54.294	51.785	49.854	49.179
84.0	51.012	49.468	47.103	45.511	44.883
84.5	45.993	44.738	42.567	41.264	40.733
85.0	41.071	40.105	38.320	37.161	36.920
85.5	36.244	35.521	34.169	33.300	33.349
86.0	31.563	30.984	30.115	29.729	29.729
86.5	27.026	26.640	26.061	25.965	26.061
87.0	22.586	22.442	22.104	22.104	22.249
87.5	18.339	18.195	18.243	18.484	18.581
88.0	14.237	14.334	14.768	15.106	15.251
88.5	10.425	10.762	11.583	11.679	11.776
89.0	7.046	7.577	8.060	7.287	7.239
89.5	4.874	5.019	3.764	3.571	3.957
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 : LRX2-8-L4-930-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 : LRX2-8-L4-930-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 : LRX2-8-L4-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	416.78	N.A.	15.70
0-30	853.27	N.A.	32.10
0-40	1339.23	N.A.	50.40
0-60	2183.58	N.A.	82.20
0-80	2612.9	N.A.	98.30
0-90	2656.87	N.A.	100.00
10-90	2546.44	N.A.	95.80
20-40	922.45	N.A.	34.70
20-50	1383.59	N.A.	52.10
40-70	1120.24	N.A.	42.20
60-80	429.31	N.A.	16.20
70-80	153.43	N.A.	5.80
80-90	43.98	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	2656.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	110.43
10-20	306.35
20-30	436.49
30-40	485.96
40-50	461.14
50-60	383.21
60-70	275.88
70-80	153.43
80-90	43.98
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 : LRX2-8-L4-930-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 : LRX2-8-L4-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

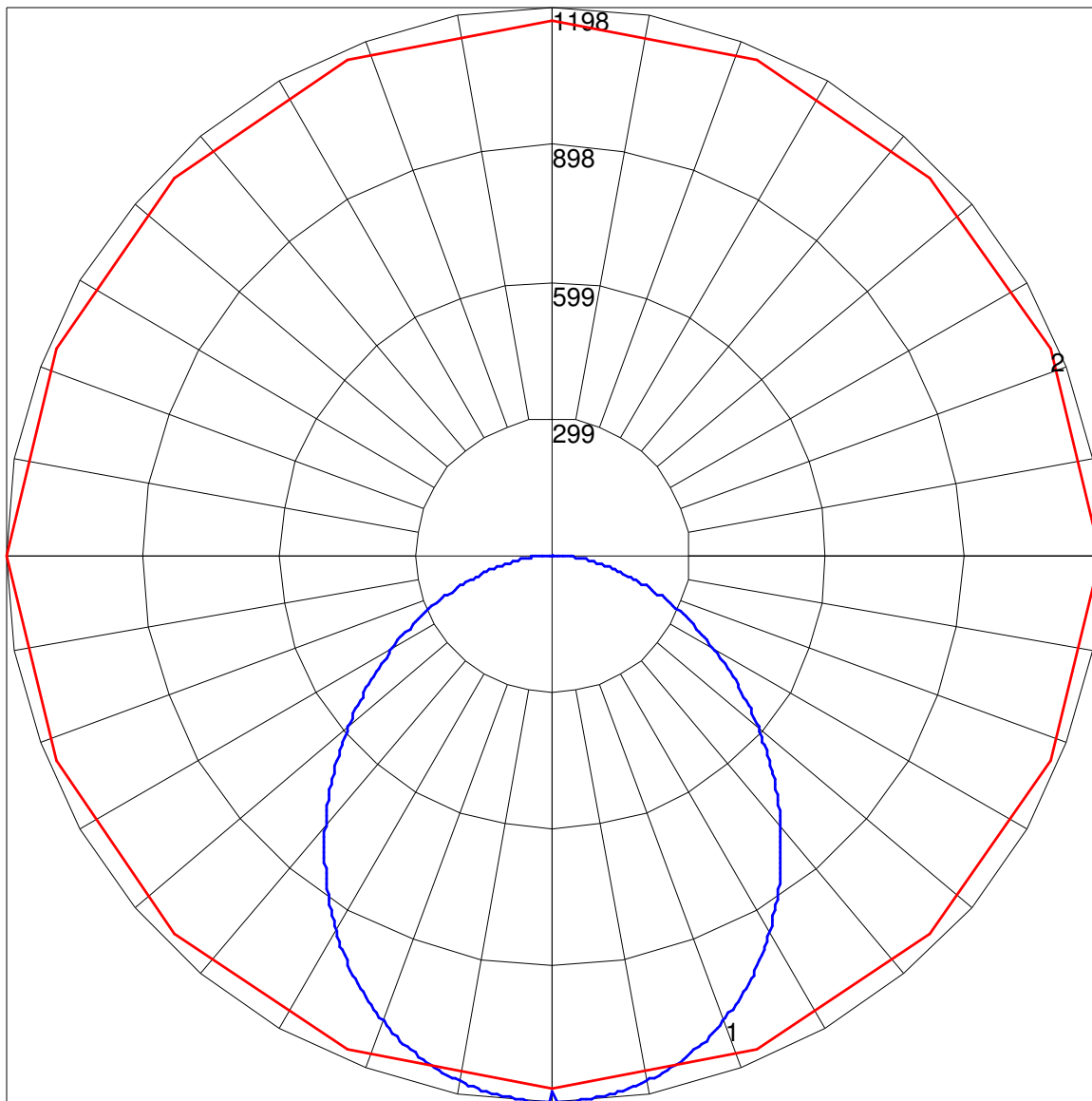
Reflectances

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	18.5	20.1	18.9	20.4	20.7	17.4	18.9	17.7	19.2	19.5
	3H	20.2	21.7	20.6	22.0	22.3	19.0	20.4	19.4	20.8	21.1
	4H	20.8	22.2	21.2	22.5	22.9	19.6	21.0	20.0	21.3	21.7
	6H	21.3	22.5	21.7	22.9	23.3	20.1	21.3	20.5	21.7	22.1
	8H	21.4	22.6	21.9	23.0	23.4	20.3	21.4	20.7	21.8	22.2
	12H	21.5	22.7	22.0	23.0	23.5	20.3	21.5	20.8	21.9	22.3
4H	2H	19.0	20.3	19.4	20.6	21.0	18.0	19.4	18.4	19.7	20.1
	3H	20.9	22.0	21.3	22.4	22.8	19.9	21.0	20.3	21.4	21.8
	4H	21.7	22.7	22.1	23.1	23.5	20.6	21.6	21.1	22.1	22.5
	6H	22.2	23.1	22.7	23.6	24.0	21.2	22.1	21.7	22.5	23.0
	8H	22.4	23.2	22.9	23.7	24.2	21.4	22.2	21.9	22.7	23.1
	12H	22.6	23.3	23.1	23.8	24.3	21.6	22.3	22.1	22.8	23.2
8H	4H	21.9	22.7	22.3	23.1	23.6	21.0	21.8	21.4	22.2	22.7
	6H	22.6	23.2	23.1	23.7	24.2	21.7	22.3	22.2	22.8	23.3
	8H	22.8	23.4	23.3	23.9	24.4	21.9	22.5	22.4	23.1	23.5
	12H	23.1	23.6	23.6	24.1	24.6	22.2	22.7	22.7	23.2	23.8
12H	4H	21.9	22.6	22.4	23.1	23.6	21.0	21.7	21.5	22.2	22.7
	6H	22.6	23.2	23.1	23.7	24.2	21.7	22.4	22.3	22.8	23.4
	8H	22.9	23.5	23.4	24.0	24.5	22.1	22.6	22.6	23.1	23.7

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 1197.852 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.)