



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-935-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] LRX2-8-L4-935-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	2689
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
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	7852	6773	6178
55	6999	5952	5449
65	6170	5247	4830
75	5089	4467	4163
85	3839	3582	3451

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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	1191.455	1191.455	1191.455	1191.455	1191.455
0.5	1212.460	1192.432	1185.593	1188.524	1182.662
1.0	1212.460	1191.943	1185.593	1188.524	1182.173
1.5	1211.972	1191.943	1185.104	1188.035	1181.685
2.0	1211.483	1190.966	1184.127	1187.547	1180.219
2.5	1210.995	1189.989	1183.639	1186.081	1179.242
3.0	1210.018	1189.012	1182.173	1185.104	1177.288
3.5	1209.041	1188.035	1180.708	1183.150	1175.334
4.0	1208.064	1187.058	1179.242	1181.685	1173.869
4.5	1207.087	1185.593	1177.777	1179.731	1171.426
5.0	1206.110	1184.127	1175.334	1177.288	1168.984
5.5	1204.156	1182.173	1173.380	1174.357	1165.564
6.0	1202.690	1180.219	1170.938	1171.915	1162.633
6.5	1201.225	1178.754	1168.495	1168.495	1159.214
7.0	1199.271	1176.311	1166.053	1165.076	1155.794
7.5	1197.317	1174.357	1163.122	1161.656	1151.886
8.0	1195.363	1171.426	1160.191	1157.748	1148.467
8.5	1192.920	1168.984	1156.771	1153.840	1144.070
9.0	1190.478	1166.541	1153.352	1149.444	1139.674
9.5	1188.035	1163.610	1149.444	1144.559	1134.789
10.0	1185.593	1160.679	1145.536	1140.162	1130.392
10.5	1182.662	1157.748	1141.628	1135.277	1124.530
11.0	1179.731	1154.329	1137.231	1130.392	1119.157
11.5	1176.311	1150.909	1132.835	1125.019	1113.783
12.0	1172.892	1147.001	1127.950	1119.645	1107.921
12.5	1169.961	1143.093	1123.065	1113.783	1101.571
13.0	1166.053	1139.185	1118.180	1107.921	1095.709
13.5	1162.145	1134.789	1112.806	1101.571	1089.358
14.0	1158.725	1130.392	1107.921	1095.709	1083.008
14.5	1154.329	1125.996	1102.059	1089.358	1076.169
15.0	1150.421	1121.599	1096.686	1082.519	1069.818
15.5	1146.024	1116.714	1090.335	1075.680	1062.491
16.0	1142.605	1112.318	1084.473	1068.841	1055.163
16.5	1139.185	1107.433	1078.123	1061.514	1047.836
17.0	1134.789	1102.548	1071.772	1054.186	1040.508
17.5	1128.438	1097.663	1065.422	1046.858	1032.692
18.0	1122.576	1093.266	1059.071	1039.042	1024.387
18.5	1116.714	1087.404	1052.232	1031.226	1016.083
19.0	1111.829	1081.054	1045.393	1022.922	1007.778
19.5	1106.456	1074.703	1038.554	1014.617	998.985
20.0	1101.082	1068.353	1031.226	1006.801	989.704
20.5	1095.220	1062.002	1024.387	998.497	980.911
21.0	1089.358	1056.140	1017.060	989.704	971.629
21.5	1083.496	1049.790	1009.732	981.399	962.836
22.0	1077.146	1042.950	1001.916	972.606	953.555
22.5	1071.284	1036.600	994.589	963.325	944.762
23.0	1064.445	1029.761	987.750	954.532	935.969
23.5	1058.094	1022.433	979.934	945.739	926.687
24.0	1051.255	1015.594	971.141	936.946	917.894
24.5	1044.416	1008.267	962.836	928.153	908.613
25.0	1037.577	1001.428	954.043	918.871	899.331
25.5	1030.738	993.612	945.739	910.078	890.050
26.0	1023.410	986.284	936.946	900.797	881.257
26.5	1016.571	978.468	928.641	892.004	872.463

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CANDELA TABULATION - (Cont.)

27.0	1008.755	971.141	919.848	883.211	863.182
27.5	1001.428	962.836	911.544	874.418	853.412
28.0	994.100	955.020	902.751	865.624	844.619
28.5	986.773	947.204	893.958	856.343	835.826
29.0	978.957	938.900	885.653	847.061	827.033
29.5	970.652	930.595	876.860	837.780	818.240
30.0	962.836	922.291	868.067	828.987	808.958
30.5	954.532	914.475	859.762	820.194	799.677
31.0	946.227	906.170	850.969	810.912	790.395
31.5	937.434	897.377	841.688	801.631	781.602
32.0	929.130	889.073	832.895	792.349	772.321
32.5	920.337	880.280	824.102	783.068	763.039
33.0	912.032	871.486	814.820	773.786	753.758
33.5	903.239	862.693	806.027	764.993	744.476
34.0	894.446	853.900	797.234	755.712	735.195
34.5	886.142	844.619	787.464	746.430	725.913
35.0	877.349	835.826	778.671	736.660	716.632
35.5	868.555	826.544	769.390	727.379	707.839
36.0	859.274	817.751	760.597	718.586	698.557
36.5	850.481	808.470	751.315	709.304	689.764
37.0	841.688	799.188	742.034	699.534	680.482
37.5	832.406	789.907	732.752	690.741	672.178
38.0	823.613	780.625	723.471	681.459	662.896
38.5	814.332	771.344	714.678	672.666	654.103
39.0	805.050	762.062	704.908	663.385	645.310
39.5	795.769	752.781	695.626	654.592	636.517
40.0	785.999	743.499	686.344	645.310	627.724
40.5	776.229	734.218	677.063	637.006	619.420
41.0	766.947	724.936	667.781	628.213	610.138
41.5	757.177	715.166	658.500	619.420	601.345
42.0	747.407	705.885	649.707	610.138	593.041
42.5	738.126	696.114	640.425	601.345	584.248
43.0	728.356	686.833	631.632	593.041	575.943
43.5	718.586	677.063	621.862	584.736	567.639
44.0	708.816	667.781	613.069	575.943	559.334
44.5	699.046	658.500	603.788	567.150	551.030
45.0	689.764	648.730	594.995	558.846	542.725
45.5	679.994	639.448	586.202	550.541	534.421
46.0	670.224	630.167	577.409	542.237	526.605
46.5	660.942	620.397	568.127	533.932	518.300
47.0	651.172	611.115	559.334	525.628	510.484
47.5	641.891	601.834	551.030	516.834	502.668
48.0	632.121	592.552	542.237	509.018	494.363
48.5	622.351	583.271	533.932	500.714	486.840
49.0	613.069	573.501	524.651	492.898	478.976
49.5	603.299	564.219	516.346	484.545	471.111
50.0	594.018	555.426	507.553	476.387	463.246
50.5	584.248	546.145	499.248	468.668	455.772
51.0	574.966	536.863	490.455	461.096	448.347
51.5	565.196	527.582	482.200	453.378	440.237
52.0	555.915	518.788	473.602	445.416	432.617
52.5	546.145	509.507	465.102	437.453	425.289
53.0	536.863	500.714	456.700	429.588	417.473
53.5	527.093	491.921	448.689	422.212	410.390
54.0	517.811	482.688	440.579	414.933	402.916
54.5	508.530	473.651	432.324	407.459	395.588

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CANDELA TABULATION - (Cont.)

55.0	498.760	464.809	424.117	399.741	388.261
55.5	489.478	456.065	416.154	391.925	380.787
56.0	480.148	447.370	408.387	384.402	373.704
56.5	471.013	438.772	400.473	377.318	366.669
57.0	461.829	430.077	392.657	370.333	359.928
57.5	452.841	421.577	385.086	362.957	352.942
58.0	443.901	413.223	377.367	355.434	345.761
58.5	435.255	404.870	369.502	348.057	338.776
59.0	426.413	396.761	361.686	340.925	332.230
59.5	417.718	388.652	354.066	333.940	325.488
60.0	408.973	380.640	346.738	327.149	318.552
60.5	400.473	372.629	339.508	320.310	311.762
61.0	392.022	364.569	332.181	313.325	305.216
61.5	383.522	356.508	324.560	306.290	298.474
62.0	375.023	348.692	317.135	299.354	291.733
62.5	366.571	340.974	310.101	292.661	285.187
63.0	358.072	333.109	303.359	286.115	278.788
63.5	349.523	325.293	296.618	279.960	272.388
64.0	341.023	317.428	289.681	273.805	265.989
64.5	332.523	309.612	282.500	267.161	259.736
65.0	323.974	301.894	275.466	260.225	253.581
65.5	315.474	294.127	268.822	253.972	247.524
66.0	307.023	286.360	262.325	248.354	241.710
66.5	298.523	278.641	255.730	242.590	235.800
67.0	290.072	271.021	248.843	236.337	229.742
67.5	281.670	263.449	241.906	229.596	223.587
68.0	273.268	255.779	234.969	222.659	217.285
68.5	264.963	248.159	228.081	216.211	211.033
69.0	256.756	240.538	221.535	210.202	204.975
69.5	248.550	233.113	215.087	204.242	198.869
70.0	240.392	225.688	208.248	197.697	192.421
70.5	232.380	218.214	201.263	190.662	186.021
71.0	224.320	210.740	194.375	183.921	179.720
71.5	216.406	203.363	187.633	177.863	173.613
72.0	208.541	196.231	181.185	172.246	167.703
72.5	200.774	189.197	174.981	166.432	162.036
73.0	193.153	182.211	168.680	160.228	156.272
73.5	185.582	175.177	162.182	154.024	150.312
74.0	178.156	168.240	155.685	148.065	144.645
74.5	170.829	161.450	149.530	142.447	139.321
75.0	163.648	154.855	143.619	136.927	133.849
75.5	156.565	148.309	137.806	131.358	128.232
76.0	149.579	141.812	131.847	125.838	122.907
76.5	142.691	135.266	125.936	120.171	117.680
77.0	135.852	128.867	119.976	114.602	112.258
77.5	129.160	122.565	114.309	109.131	106.738
78.0	122.467	116.312	108.789	103.807	101.511
78.5	115.873	110.157	103.269	98.531	96.528
79.0	109.473	104.148	97.749	93.353	91.594
79.5	103.123	98.238	92.327	88.272	86.709
80.0	96.919	92.424	87.051	83.192	81.775
80.5	90.764	86.709	81.824	78.160	76.744
81.0	84.804	81.091	76.548	73.226	71.810
81.5	78.991	75.620	71.468	68.439	67.120
82.0	73.275	70.344	66.632	63.847	62.626
82.5	67.706	65.166	61.844	59.402	58.278

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CANDELA TABULATION - (Cont.)

83.0	62.235	60.037	57.155	54.908	54.028
83.5	56.862	54.956	52.416	50.462	49.778
84.0	51.635	50.071	47.678	46.066	45.431
84.5	46.554	45.284	43.086	41.767	41.230
85.0	41.571	40.594	38.787	37.615	37.370
85.5	36.686	35.954	34.586	33.707	33.755
86.0	31.948	31.362	30.482	30.092	30.092
86.5	27.356	26.965	26.379	26.281	26.379
87.0	22.862	22.715	22.373	22.373	22.520
87.5	18.563	18.417	18.465	18.710	18.807
88.0	14.411	14.508	14.948	15.290	15.437
88.5	10.552	10.894	11.724	11.822	11.919
89.0	7.132	7.669	8.158	7.376	7.328
89.5	4.934	5.080	3.810	3.615	4.006
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-L4-935-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 : LRX2-8-L4-935-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 : LRX2-8-L4-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	421.86	N.A.	15.70
0-30	863.68	N.A.	32.10
0-40	1355.56	N.A.	50.40
0-60	2210.21	N.A.	82.20
0-80	2644.76	N.A.	98.30
0-90	2689.27	N.A.	100.00
10-90	2577.5	N.A.	95.80
20-40	933.70	N.A.	34.70
20-50	1400.46	N.A.	52.10
40-70	1133.9	N.A.	42.20
60-80	434.55	N.A.	16.20
70-80	155.30	N.A.	5.80
80-90	44.51	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	2689.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.78
10-20	310.09
20-30	441.81
30-40	491.88
40-50	466.76
50-60	387.89
60-70	279.25
70-80	155.30
80-90	44.51
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-L4-935-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 : LRX2-8-L4-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

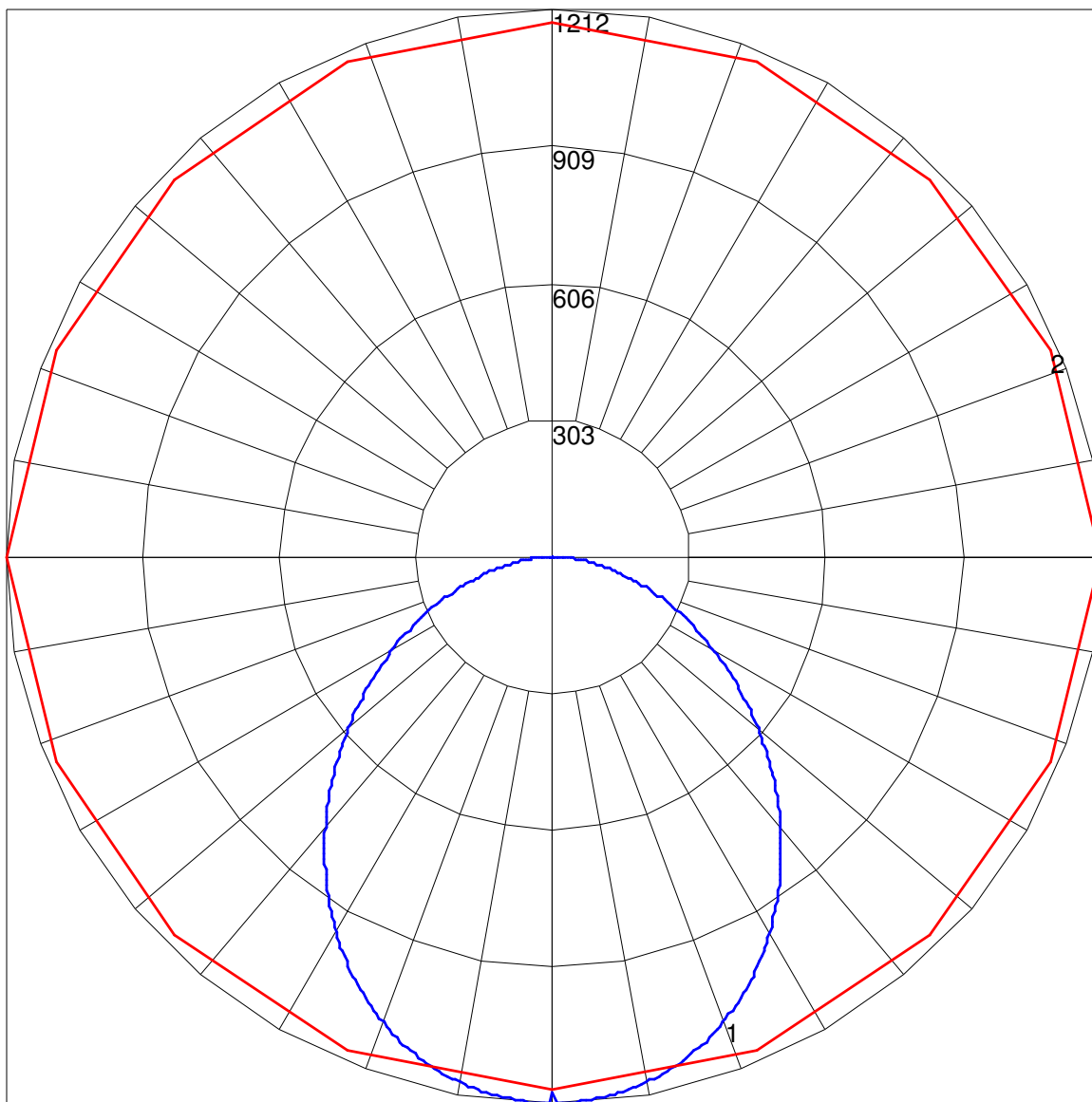
Reflectances

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	18.5	20.1	18.9	20.4	20.7	17.4	18.9	17.7	19.2	19.5
	3H	20.2	21.6	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	20.2	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	19.3	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	24.2	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 = 1212.46 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.)