



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-950-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-L4-950-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	2884
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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	8419	7263	6625
55	7505	6382	5843
65	6617	5626	5179
75	5457	4789	4464
85	4117	3841	3701

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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	1277.584	1277.584	1277.584	1277.584	1277.584
0.5	1300.108	1278.632	1271.298	1274.441	1268.155
1.0	1300.108	1278.108	1271.298	1274.441	1267.632
1.5	1299.584	1278.108	1270.774	1273.917	1267.108
2.0	1299.060	1277.060	1269.727	1273.393	1265.536
2.5	1298.537	1276.013	1269.203	1271.822	1264.489
3.0	1297.489	1274.965	1267.632	1270.774	1262.393
3.5	1296.441	1273.917	1266.060	1268.679	1260.298
4.0	1295.394	1272.870	1264.489	1267.108	1258.727
4.5	1294.346	1271.298	1262.917	1265.012	1256.108
5.0	1293.298	1269.727	1260.298	1262.393	1253.489
5.5	1291.203	1267.632	1258.203	1259.250	1249.822
6.0	1289.632	1265.536	1255.584	1256.631	1246.679
6.5	1288.060	1263.965	1252.965	1252.965	1243.012
7.0	1285.965	1261.346	1250.346	1249.298	1239.346
7.5	1283.870	1259.250	1247.203	1245.631	1235.155
8.0	1281.775	1256.108	1244.060	1241.441	1231.488
8.5	1279.155	1253.489	1240.393	1237.250	1226.774
9.0	1276.536	1250.869	1236.726	1232.536	1222.060
9.5	1273.917	1247.727	1232.536	1227.298	1216.821
10.0	1271.298	1244.584	1228.345	1222.583	1212.107
10.5	1268.155	1241.441	1224.155	1217.345	1205.821
11.0	1265.012	1237.774	1219.441	1212.107	1200.059
11.5	1261.346	1234.107	1214.726	1206.345	1194.297
12.0	1257.679	1229.917	1209.488	1200.583	1188.012
12.5	1254.536	1225.726	1204.250	1194.297	1181.202
13.0	1250.346	1221.536	1199.012	1188.012	1174.916
13.5	1246.155	1216.821	1193.250	1181.202	1168.107
14.0	1242.488	1212.107	1188.012	1174.916	1161.297
14.5	1237.774	1207.393	1181.726	1168.107	1153.964
15.0	1233.584	1202.679	1175.964	1160.773	1147.154
15.5	1228.869	1197.440	1169.154	1153.440	1139.297
16.0	1225.203	1192.726	1162.869	1146.107	1131.440
16.5	1221.536	1187.488	1156.059	1138.249	1123.582
17.0	1216.821	1182.250	1149.249	1130.392	1115.725
17.5	1210.012	1177.012	1142.440	1122.535	1107.344
18.0	1203.726	1172.297	1135.630	1114.154	1098.439
18.5	1197.440	1166.011	1128.297	1105.773	1089.535
19.0	1192.202	1159.202	1120.963	1096.868	1080.630
19.5	1186.440	1152.392	1113.630	1087.963	1071.201
20.0	1180.678	1145.583	1105.773	1079.582	1061.249
20.5	1174.393	1138.773	1098.439	1070.677	1051.820
21.0	1168.107	1132.487	1090.582	1061.249	1041.867
21.5	1161.821	1125.678	1082.725	1052.344	1032.439
22.0	1155.011	1118.344	1074.344	1042.915	1022.486
22.5	1148.726	1111.535	1066.487	1032.963	1013.058
23.0	1141.392	1104.201	1059.153	1023.534	1003.629
23.5	1134.583	1096.344	1050.772	1014.105	993.676
24.0	1127.249	1089.011	1041.344	1004.677	984.248
24.5	1119.916	1081.153	1032.439	995.248	974.295
25.0	1112.582	1073.820	1023.010	985.295	964.343
25.5	1105.249	1065.439	1014.105	975.867	954.390
26.0	1097.392	1057.582	1004.677	965.914	944.962
26.5	1090.058	1049.201	995.772	956.486	935.533

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PHOTOMETRIC FILENAME : LRX2-8-L4-950-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1081.677	1041.344	986.343	947.057	925.581
27.5	1073.820	1032.439	977.438	937.628	915.104
28.0	1065.963	1024.058	968.010	928.200	905.676
28.5	1058.106	1015.677	958.581	918.247	896.247
29.0	1049.725	1006.772	949.676	908.295	886.818
29.5	1040.820	997.867	940.247	898.342	877.390
30.0	1032.439	988.962	930.819	888.914	867.437
30.5	1023.534	980.581	921.914	879.485	857.485
31.0	1014.629	971.676	912.485	869.532	847.532
31.5	1005.200	962.248	902.533	859.580	838.103
32.0	996.296	953.343	893.104	849.627	828.151
32.5	986.867	943.914	883.675	839.675	818.199
33.0	977.962	934.485	873.723	829.722	808.246
33.5	968.533	925.057	864.294	820.294	798.294
34.0	959.105	915.628	854.866	810.341	788.341
34.5	950.200	905.676	844.389	800.389	778.389
35.0	940.771	896.247	834.961	789.913	768.436
35.5	931.342	886.294	825.008	779.960	759.007
36.0	921.390	876.866	815.579	770.531	749.055
36.5	911.961	866.913	805.627	760.579	739.626
37.0	902.533	856.961	795.674	750.103	729.674
37.5	892.580	847.008	785.722	740.674	720.769
38.0	883.152	837.056	775.770	730.721	710.817
38.5	873.199	827.103	766.341	721.293	701.388
39.0	863.247	817.151	755.865	711.340	691.959
39.5	853.294	807.198	745.912	701.912	682.531
40.0	842.818	797.246	735.960	691.959	673.102
40.5	832.342	787.293	726.007	683.054	664.197
41.0	822.389	777.341	716.055	673.626	654.245
41.5	811.913	766.865	706.102	664.197	644.816
42.0	801.436	756.912	696.674	654.245	635.911
42.5	791.484	746.436	686.721	644.816	626.482
43.0	781.008	736.483	677.292	635.911	617.578
43.5	770.531	726.007	666.816	627.006	608.673
44.0	760.055	716.055	657.387	617.578	599.768
44.5	749.579	706.102	647.435	608.149	590.863
45.0	739.626	695.626	638.006	599.244	581.958
45.5	729.150	685.673	628.578	590.339	573.053
46.0	718.674	675.721	619.149	581.434	564.672
46.5	708.721	665.245	609.196	572.529	555.767
47.0	698.245	655.292	599.768	563.625	547.386
47.5	688.292	645.340	590.863	554.196	539.005
48.0	677.816	635.387	581.434	545.815	530.100
48.5	667.340	625.435	572.529	536.910	522.034
49.0	657.387	614.958	562.577	528.529	513.600
49.5	646.911	605.006	553.672	519.572	505.167
50.0	636.959	595.577	544.243	510.824	496.733
50.5	626.482	585.625	535.339	502.548	488.719
51.0	616.530	575.672	525.910	494.429	480.757
51.5	606.054	565.720	517.057	486.152	472.062
52.0	596.101	556.291	507.838	477.614	463.890
52.5	585.625	546.339	498.724	469.076	456.033
53.0	575.672	536.910	489.714	460.643	447.652
53.5	565.196	527.481	481.124	452.733	440.057
54.0	555.244	517.581	472.428	444.928	432.042
54.5	545.291	507.891	463.576	436.914	424.185

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CANDELA TABULATION - (Cont.)

55.0	534.815	498.410	454.776	428.638	416.328
55.5	524.862	489.033	446.238	420.257	408.314
56.0	514.857	479.709	437.909	412.190	400.718
56.5	505.062	470.490	429.423	404.594	393.175
57.0	495.214	461.166	421.042	397.104	385.947
57.5	485.576	452.052	412.923	389.194	378.456
58.0	475.990	443.095	404.647	381.128	370.756
58.5	466.719	434.138	396.213	373.218	363.265
59.0	457.238	425.442	387.832	365.570	356.246
59.5	447.914	416.747	379.661	358.080	349.018
60.0	438.538	408.156	371.804	350.799	341.580
60.5	429.423	399.566	364.051	343.465	334.299
61.0	420.361	390.923	356.194	335.975	327.279
61.5	411.247	382.280	348.022	328.432	320.051
62.0	402.133	373.899	340.060	320.994	312.822
62.5	393.071	365.623	332.518	313.817	305.803
63.0	383.956	357.189	325.289	306.798	298.941
63.5	374.789	348.808	318.060	300.198	292.079
64.0	365.675	340.375	310.622	293.598	285.217
64.5	356.561	331.994	302.922	286.474	278.512
65.0	347.394	323.717	295.379	279.036	271.912
65.5	338.280	315.389	288.255	272.331	265.417
66.0	329.218	307.060	281.288	266.307	259.184
66.5	320.103	298.784	274.217	260.126	252.845
67.0	311.041	290.612	266.831	253.422	246.350
67.5	302.032	282.493	259.393	246.193	239.750
68.0	293.022	274.269	251.955	238.755	232.993
68.5	284.117	266.098	244.569	231.840	226.288
69.0	275.317	257.926	237.550	225.397	219.793
69.5	266.517	249.964	230.636	219.007	213.245
70.0	257.769	242.002	223.302	211.988	206.331
70.5	249.179	233.988	215.812	204.445	199.469
71.0	240.536	225.974	208.426	197.216	192.711
71.5	232.050	218.064	201.197	190.721	186.164
72.0	223.616	210.416	194.283	184.697	179.826
72.5	215.288	202.873	187.630	178.464	173.749
73.0	207.116	195.383	180.873	171.811	167.568
73.5	198.997	187.840	173.906	165.159	161.178
74.0	191.035	180.402	166.940	158.768	155.102
74.5	183.178	173.121	160.340	152.744	149.392
75.0	175.478	166.049	154.002	146.825	143.525
75.5	167.883	159.030	147.768	140.854	137.501
76.0	160.392	152.063	141.378	134.935	131.792
76.5	153.006	145.044	135.039	128.858	126.187
77.0	145.673	138.182	128.649	122.887	120.373
77.5	138.497	131.425	122.573	117.020	114.454
78.0	131.320	124.720	116.654	111.311	108.849
78.5	124.249	118.120	110.734	105.653	103.506
79.0	117.387	111.677	104.815	100.101	98.215
79.5	110.577	105.339	99.001	94.653	92.977
80.0	103.925	99.106	93.344	89.206	87.687
80.5	97.325	92.977	87.739	83.810	82.291
81.0	90.934	86.953	82.082	78.520	77.001
81.5	84.701	81.087	76.634	73.386	71.972
82.0	78.572	75.429	71.448	68.463	67.153
82.5	72.601	69.877	66.315	63.696	62.491

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CANDELA TABULATION - (Cont.)

83.0	66.734	64.377	61.286	58.877	57.934
83.5	60.972	58.929	56.205	54.110	53.377
84.0	55.367	53.691	51.124	49.396	48.715
84.5	49.920	48.558	46.200	44.786	44.210
85.0	44.577	43.529	41.591	40.334	40.072
85.5	39.338	38.553	37.086	36.143	36.196
86.0	34.257	33.629	32.686	32.267	32.267
86.5	29.334	28.915	28.286	28.181	28.286
87.0	24.515	24.357	23.991	23.991	24.148
87.5	19.905	19.748	19.800	20.062	20.167
88.0	15.453	15.557	16.029	16.395	16.553
88.5	11.314	11.681	12.572	12.676	12.781
89.0	7.648	8.224	8.748	7.910	7.857
89.5	5.291	5.448	4.086	3.876	4.295
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-L4-950-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-L4-950-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-L4-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	452.36	N.A.	15.70
0-30	926.11	N.A.	32.10
0-40	1453.56	N.A.	50.40
0-60	2369.99	N.A.	82.20
0-80	2835.95	N.A.	98.30
0-90	2883.68	N.A.	100.00
10-90	2763.82	N.A.	95.80
20-40	1001.19	N.A.	34.70
20-50	1501.7	N.A.	52.10
40-70	1215.87	N.A.	42.20
60-80	465.96	N.A.	16.20
70-80	166.53	N.A.	5.80
80-90	47.73	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	2883.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	119.86
10-20	332.50
20-30	473.75
30-40	527.44
40-50	500.50
50-60	415.93
60-70	299.44
70-80	166.53
80-90	47.73
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-L4-950-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	71	64	58	69	62	57	67	61	56	65	59	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-L4-950-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

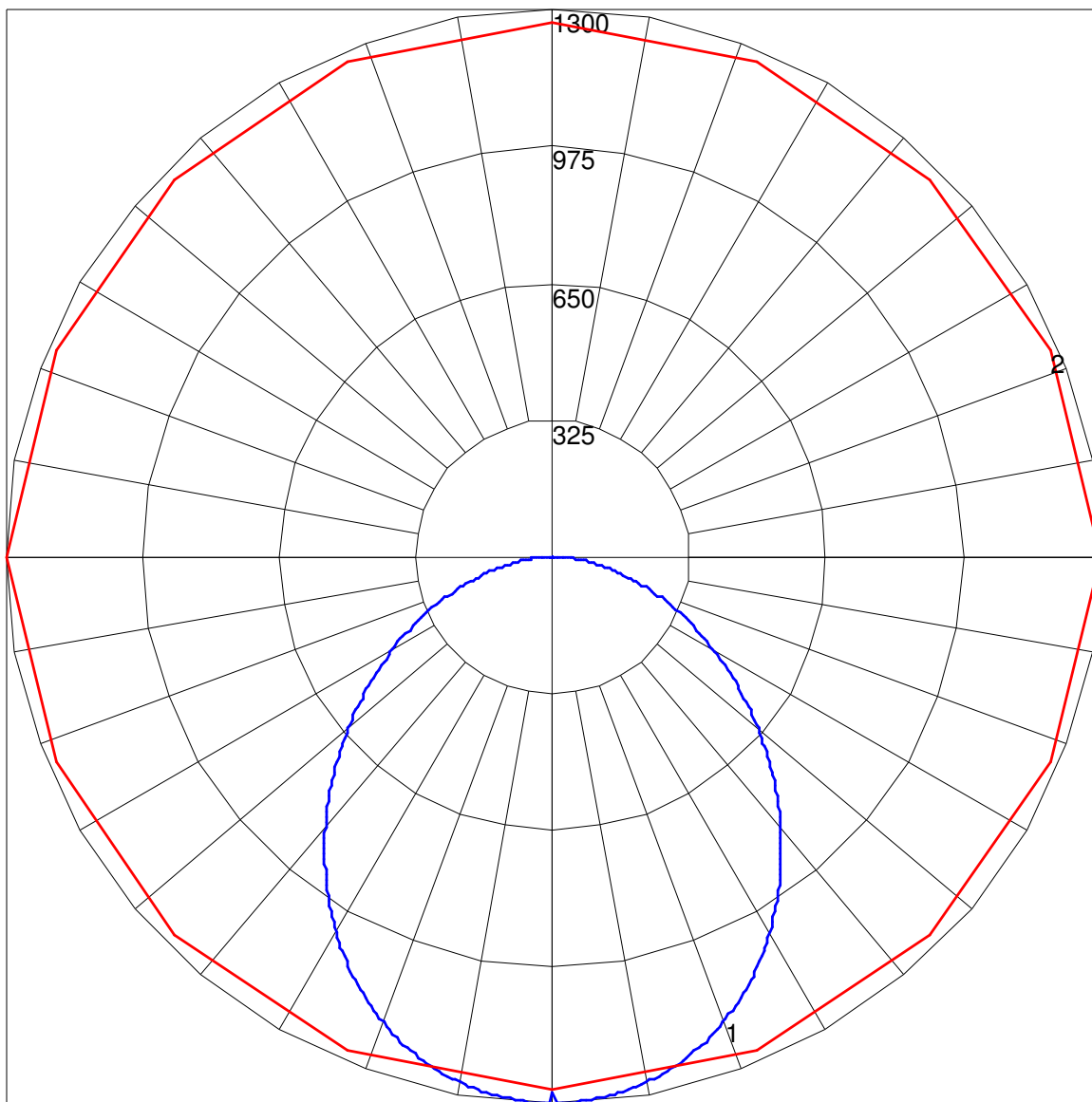
Reflectances

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	18.8	20.4	19.2	20.7	21.0	17.7	19.2	18.0	19.5	19.8
	3H	20.5	21.9	20.9	22.3	22.6	19.3	20.7	19.7	21.1	21.4
	4H	21.1	22.5	21.5	22.8	23.2	19.9	21.3	20.3	21.6	22.0
	6H	21.6	22.8	22.0	23.2	23.6	20.4	21.6	20.8	22.0	22.4
	8H	21.7	22.9	22.2	23.3	23.7	20.5	21.7	21.0	22.1	22.5
	12H	21.8	23.0	22.3	23.3	23.8	20.6	21.8	21.1	22.2	22.6
4H	2H	19.3	20.6	19.7	20.9	21.3	18.3	19.6	18.7	20.0	20.4
	3H	21.2	22.3	21.6	22.7	23.1	20.2	21.3	20.6	21.7	22.1
	4H	22.0	23.0	22.4	23.4	23.8	20.9	21.9	21.4	22.4	22.8
	6H	22.5	23.4	23.0	23.9	24.3	21.5	22.4	22.0	22.8	23.3
	8H	22.7	23.5	23.2	24.0	24.5	21.7	22.5	22.2	23.0	23.4
	12H	22.9	23.6	23.4	24.1	24.5	21.9	22.6	22.4	23.1	23.5
8H	4H	22.2	23.0	22.6	23.4	23.9	21.3	22.1	21.7	22.5	23.0
	6H	22.9	23.5	23.4	24.0	24.5	22.0	22.6	22.5	23.1	23.6
	8H	23.1	23.7	23.6	24.2	24.7	22.2	22.8	22.7	23.4	23.8
	12H	23.3	23.9	23.9	24.4	24.9	22.5	23.0	23.0	23.5	24.1
12H	4H	22.2	22.9	22.7	23.4	23.9	21.3	22.0	21.8	22.5	23.0
	6H	22.9	23.5	23.4	24.0	24.5	22.0	22.7	22.6	23.1	23.7
	8H	23.2	23.8	23.7	24.3	24.8	22.4	22.9	22.9	23.4	24.0

Maximum UGR = 24.9

POLAR GRAPH



Maximum Candela = 1300.108 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.)