



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L8-827-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-L8-827-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	3104
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
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	18126	15636	14262
55	16158	13740	12578
65	14245	12112	11149
75	11749	10311	9610
85	8863	8269	7967

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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	1375.233	1375.233	1375.233	1375.233	1375.233
0.5	1399.478	1376.361	1368.467	1371.850	1365.084
1.0	1399.478	1375.797	1368.467	1371.850	1364.520
1.5	1398.915	1375.797	1367.903	1371.286	1363.956
2.0	1398.351	1374.669	1366.775	1370.722	1362.264
2.5	1397.787	1373.541	1366.211	1369.031	1361.137
3.0	1396.659	1372.414	1364.520	1367.903	1358.881
3.5	1395.532	1371.286	1362.828	1365.647	1356.626
4.0	1394.404	1370.158	1361.137	1363.956	1354.934
4.5	1393.276	1368.467	1359.445	1361.700	1352.115
5.0	1392.148	1366.775	1356.626	1358.881	1349.296
5.5	1389.893	1364.520	1354.370	1355.498	1345.349
6.0	1388.201	1362.264	1351.551	1352.679	1341.966
6.5	1386.510	1360.573	1348.732	1348.732	1338.019
7.0	1384.254	1357.753	1345.913	1344.785	1334.072
7.5	1381.999	1355.498	1342.530	1340.838	1329.561
8.0	1379.744	1352.115	1339.146	1336.327	1325.614
8.5	1376.924	1349.296	1335.199	1331.816	1320.539
9.0	1374.105	1346.476	1331.252	1326.742	1315.465
9.5	1371.286	1343.093	1326.742	1321.103	1309.826
10.0	1368.467	1339.710	1322.231	1316.029	1304.751
10.5	1365.084	1336.327	1317.720	1310.390	1297.985
11.0	1361.700	1332.380	1312.645	1304.751	1291.783
11.5	1357.753	1328.433	1307.571	1298.549	1285.581
12.0	1353.807	1323.922	1301.932	1292.347	1278.814
12.5	1350.423	1319.412	1296.294	1285.581	1271.484
13.0	1345.913	1314.901	1290.655	1278.814	1264.718
13.5	1341.402	1309.826	1284.453	1271.484	1257.388
14.0	1337.455	1304.751	1278.814	1264.718	1250.058
14.5	1332.380	1299.677	1272.048	1257.388	1242.164
15.0	1327.869	1294.602	1265.846	1249.494	1234.834
15.5	1322.795	1288.964	1258.516	1241.600	1226.376
16.0	1318.848	1283.889	1251.749	1233.706	1217.918
16.5	1314.901	1278.250	1244.419	1225.248	1209.461
17.0	1309.826	1272.612	1237.089	1216.791	1201.003
17.5	1302.496	1266.973	1229.759	1208.333	1191.981
18.0	1295.730	1261.899	1222.429	1199.311	1182.396
18.5	1288.964	1255.133	1214.535	1190.290	1172.810
19.0	1283.325	1247.803	1206.641	1180.704	1163.225
19.5	1277.123	1240.472	1198.747	1171.119	1153.076
20.0	1270.920	1233.142	1190.290	1162.097	1142.362
20.5	1264.154	1225.812	1182.396	1152.512	1132.213
21.0	1257.388	1219.046	1173.938	1142.362	1121.500
21.5	1250.622	1211.716	1165.480	1132.777	1111.351
22.0	1243.292	1203.822	1156.459	1122.628	1100.637
22.5	1236.526	1196.492	1148.001	1111.914	1090.488
23.0	1228.632	1188.598	1140.107	1101.765	1080.339
23.5	1221.302	1180.140	1131.085	1091.616	1069.626
24.0	1213.408	1172.246	1120.936	1081.466	1059.476
24.5	1205.514	1163.789	1111.351	1071.317	1048.763
25.0	1197.620	1155.895	1101.201	1060.604	1038.050
25.5	1189.726	1146.873	1091.616	1050.455	1027.337
26.0	1181.268	1138.415	1081.466	1039.741	1017.187
26.5	1173.374	1129.394	1071.881	1029.592	1007.038

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CANDELA TABULATION - (Cont.)

27.0	1164.353	1120.936	1061.732	1019.443	996.325
27.5	1155.895	1111.351	1052.146	1009.294	985.048
28.0	1147.437	1102.329	1041.997	999.144	974.899
28.5	1138.979	1093.307	1031.848	988.431	964.749
29.0	1129.958	1083.722	1022.262	977.718	954.600
29.5	1120.372	1074.136	1012.113	967.005	944.451
30.0	1111.351	1064.551	1001.963	956.855	933.737
30.5	1101.765	1055.529	992.378	946.706	923.024
31.0	1092.180	1045.944	982.229	935.993	912.311
31.5	1082.030	1035.795	971.515	925.280	902.162
32.0	1072.445	1026.209	961.366	914.567	891.449
32.5	1062.296	1016.060	951.217	903.853	880.735
33.0	1052.710	1005.910	940.504	893.140	870.022
33.5	1042.561	995.761	930.354	882.991	859.309
34.0	1032.411	985.612	920.205	872.278	848.596
34.5	1022.826	974.899	908.928	861.565	837.883
35.0	1012.677	964.749	898.779	850.287	827.170
35.5	1002.527	954.036	888.066	839.574	817.020
36.0	991.814	943.887	877.916	829.425	806.307
36.5	981.665	933.174	867.203	818.712	796.158
37.0	971.515	922.460	856.490	807.435	785.445
37.5	960.802	911.747	845.777	797.285	775.859
38.0	950.653	901.034	835.064	786.572	765.146
38.5	939.940	890.321	824.914	776.423	754.997
39.0	929.227	879.608	813.637	765.710	744.847
39.5	918.513	868.895	802.924	755.560	734.698
40.0	907.236	858.181	792.211	744.847	724.549
40.5	895.959	847.468	781.498	735.262	714.963
41.0	885.246	836.755	770.784	725.113	704.250
41.5	873.969	825.478	760.071	714.963	694.101
42.0	862.692	814.765	749.922	704.250	684.515
42.5	851.979	803.488	739.209	694.101	674.366
43.0	840.702	792.775	729.059	684.515	664.780
43.5	829.425	781.498	717.782	674.930	655.195
44.0	818.148	770.784	707.633	664.780	645.610
44.5	806.871	760.071	696.920	654.631	636.024
45.0	796.158	748.794	686.771	645.046	626.439
45.5	784.881	738.081	676.621	635.460	616.853
46.0	773.604	727.368	666.472	625.875	607.832
46.5	762.891	716.091	655.759	616.289	598.246
47.0	751.614	705.378	645.610	606.704	589.224
47.5	740.900	694.665	636.024	596.554	580.203
48.0	729.623	683.951	625.875	587.533	570.617
48.5	718.346	673.238	616.289	577.947	561.934
49.0	707.633	661.961	605.576	568.926	552.856
49.5	696.356	651.248	595.991	559.284	543.778
50.0	685.643	641.099	585.841	549.868	534.700
50.5	674.366	630.386	576.256	540.959	526.073
51.0	663.653	619.672	566.107	532.219	517.503
51.5	652.376	608.959	556.577	523.310	508.143
52.0	641.663	598.810	546.654	514.119	499.347
52.5	630.386	588.097	536.843	504.929	490.889
53.0	619.672	577.947	527.144	495.851	481.867
53.5	608.395	567.798	517.897	487.337	473.691
54.0	597.682	557.141	508.537	478.935	465.064
54.5	586.969	546.710	499.008	470.308	456.607

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CANDELA TABULATION - (Cont.)

55.0	575.692	536.504	489.536	461.399	448.149
55.5	564.979	526.411	480.345	452.378	439.522
56.0	554.209	516.375	471.380	443.694	431.346
56.5	543.665	506.451	462.245	435.519	423.227
57.0	533.065	496.415	453.224	427.456	415.446
57.5	522.690	486.604	444.484	418.941	407.382
58.0	512.372	476.962	435.575	410.258	399.094
58.5	502.391	467.320	426.497	401.744	391.031
59.0	492.186	457.960	417.475	393.512	383.475
59.5	482.149	448.600	408.679	385.449	375.694
60.0	472.056	439.353	400.222	377.611	367.687
60.5	462.245	430.106	391.877	369.717	359.850
61.0	452.491	420.802	383.419	361.654	352.294
61.5	442.680	411.499	374.623	353.535	344.513
62.0	432.869	402.477	366.052	345.528	336.732
62.5	423.114	393.568	357.933	337.803	329.176
63.0	413.303	384.490	350.152	330.248	321.790
63.5	403.435	375.468	342.370	323.143	314.403
64.0	393.624	366.390	334.364	316.039	307.017
64.5	383.813	357.369	326.075	308.370	299.800
65.0	373.946	348.460	317.956	300.363	292.695
65.5	364.135	339.495	310.287	293.146	285.703
66.0	354.380	330.530	302.788	286.662	278.994
66.5	344.569	321.621	295.176	280.008	272.171
67.0	334.815	312.825	287.226	272.791	265.179
67.5	325.117	304.085	279.219	265.010	258.075
68.0	315.418	295.232	271.212	257.003	250.801
68.5	305.833	286.436	263.262	249.561	243.584
69.0	296.360	277.640	255.706	242.625	236.592
69.5	286.887	269.070	248.264	235.746	229.544
70.0	277.471	260.499	240.370	228.191	222.101
70.5	268.224	251.872	232.307	220.071	214.715
71.0	258.920	243.245	224.356	212.290	207.441
71.5	249.786	234.731	216.575	205.298	200.393
72.0	240.708	226.499	209.132	198.814	193.570
72.5	231.743	218.380	201.971	192.104	187.029
73.0	222.947	210.316	194.698	184.943	180.376
73.5	214.207	202.197	187.199	177.782	173.497
74.0	205.637	194.190	179.699	170.903	166.956
74.5	197.179	186.353	172.595	164.419	160.810
75.0	188.890	178.741	165.772	158.047	154.495
75.5	180.714	171.185	159.062	151.620	148.011
76.0	172.651	163.686	152.183	145.248	141.865
76.5	164.701	156.130	145.361	138.707	135.832
77.0	156.807	148.744	138.482	132.279	129.573
77.5	149.082	141.470	131.941	125.964	123.201
78.0	141.357	134.253	125.570	119.818	117.168
78.5	133.745	127.148	119.198	113.729	111.417
79.0	126.359	120.213	112.827	107.752	105.722
79.5	119.029	113.390	106.568	101.888	100.084
80.0	111.868	106.681	100.478	96.024	94.389
80.5	104.764	100.084	94.445	90.216	88.581
81.0	97.885	93.599	88.355	84.521	82.886
81.5	91.175	87.284	82.491	78.996	77.473
82.0	84.578	81.195	76.909	73.695	72.286
82.5	78.150	75.218	71.384	68.564	67.267

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CANDELA TABULATION - (Cont.)

83.0	71.835	69.297	65.971	63.377	62.362
83.5	65.632	63.433	60.501	58.246	57.456
84.0	59.599	57.795	55.032	53.171	52.438
84.5	53.735	52.269	49.732	48.209	47.589
85.0	47.984	46.856	44.770	43.417	43.135
85.5	42.345	41.499	39.921	38.906	38.962
86.0	36.876	36.199	35.184	34.733	34.733
86.5	31.576	31.125	30.448	30.335	30.448
87.0	26.388	26.219	25.824	25.824	25.994
87.5	21.426	21.257	21.314	21.595	21.708
88.0	16.634	16.746	17.254	17.649	17.818
88.5	12.179	12.574	13.532	13.645	13.758
89.0	8.232	8.852	9.416	8.514	8.458
89.5	5.695	5.864	4.398	4.172	4.624
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-L8-827-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-L8-827-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-L8-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	486.94	N.A.	15.70
0-30	996.90	N.A.	32.10
0-40	1564.65	N.A.	50.40
0-60	2551.13	N.A.	82.20
0-80	3052.71	N.A.	98.30
0-90	3104.09	N.A.	100.00
10-90	2975.07	N.A.	95.80
20-40	1077.72	N.A.	34.70
20-50	1616.48	N.A.	52.10
40-70	1308.8	N.A.	42.20
60-80	501.58	N.A.	16.20
70-80	179.25	N.A.	5.80
80-90	51.38	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	3104.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	129.02
10-20	357.92
20-30	509.96
30-40	567.76
40-50	538.76
50-60	447.72
60-70	322.32
70-80	179.26
80-90	51.38
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-L8-827-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-L8-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

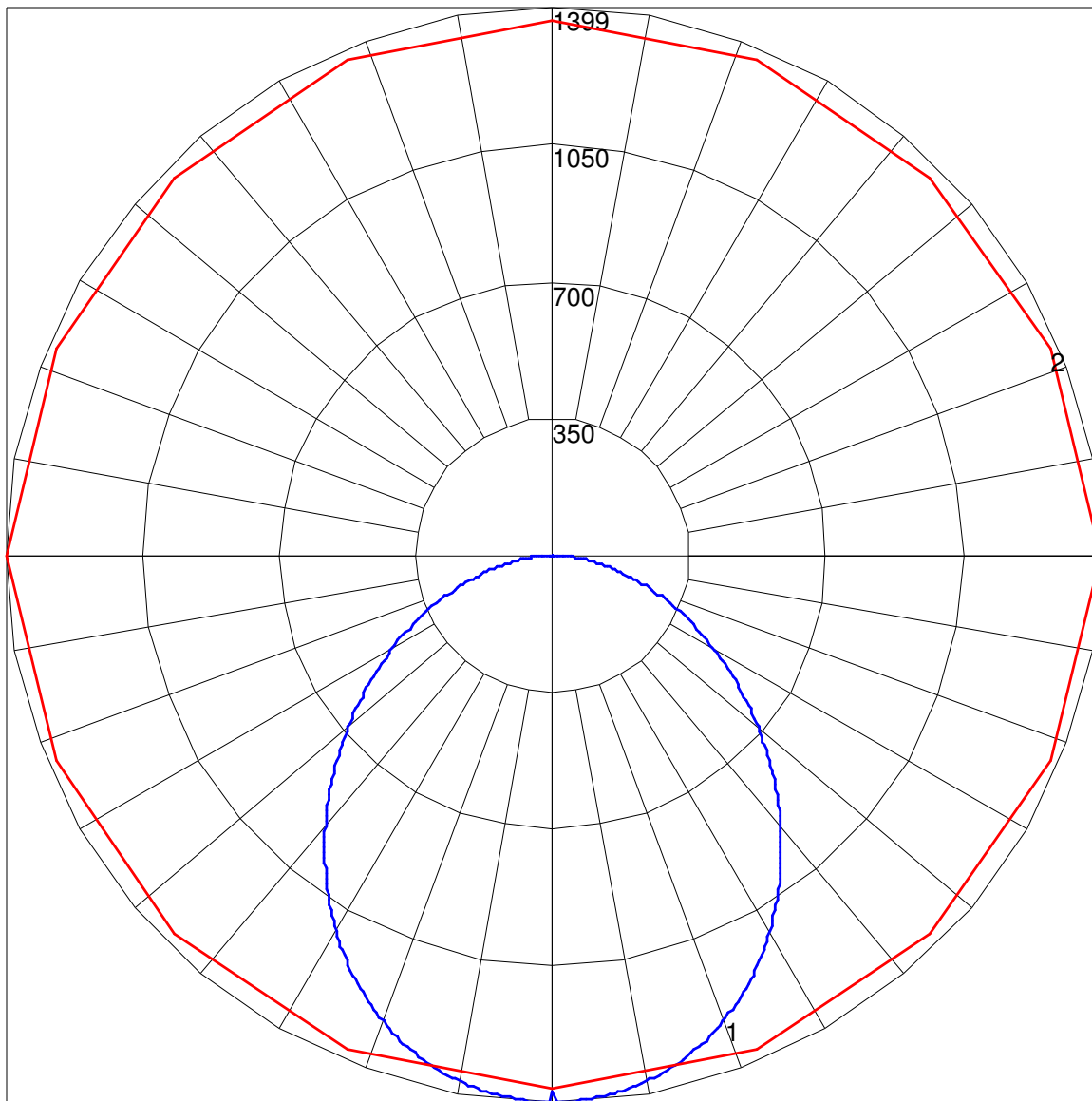
Reflectances

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	21.4	23.0	21.8	23.3	23.6	20.3	21.8	20.6	22.1	22.5
	3H	23.1	24.6	23.5	24.9	25.2	21.9	23.3	22.3	23.7	24.0
	4H	23.8	25.1	24.2	25.4	25.8	22.5	23.9	22.9	24.2	24.6
	6H	24.2	25.4	24.6	25.8	26.2	23.0	24.2	23.4	24.6	25.0
	8H	24.4	25.5	24.8	25.9	26.3	23.2	24.3	23.6	24.7	25.1
	12H	24.4	25.6	24.9	26.0	26.4	23.3	24.4	23.7	24.8	25.2
4H	2H	21.9	23.2	22.3	23.5	23.9	20.9	22.3	21.3	22.6	23.0
	3H	23.8	24.9	24.2	25.3	25.7	22.8	23.9	23.2	24.3	24.7
	4H	24.6	25.6	25.0	26.0	26.4	23.5	24.5	24.0	25.0	25.4
	6H	25.2	26.0	25.6	26.5	26.9	24.1	25.0	24.6	25.4	25.9
	8H	25.3	26.2	25.8	26.6	27.1	24.3	25.1	24.8	25.6	26.1
	12H	25.5	26.2	26.0	26.7	27.2	24.5	25.2	25.0	25.7	26.2
8H	4H	24.8	25.6	25.2	26.0	26.5	23.9	24.7	24.3	25.1	25.6
	6H	25.5	26.2	26.0	26.6	27.1	24.6	25.3	25.1	25.7	26.2
	8H	25.7	26.3	26.2	26.9	27.3	24.8	25.5	25.3	26.0	26.4
	12H	26.0	26.5	26.5	27.0	27.6	25.1	25.6	25.6	26.1	26.7
12H	4H	24.8	25.5	25.3	26.0	26.5	23.9	24.6	24.4	25.1	25.6
	6H	25.5	26.1	26.0	26.6	27.1	24.6	25.3	25.2	25.7	26.3
	8H	25.8	26.4	26.3	26.9	27.4	25.0	25.5	25.5	26.0	26.6

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 1399.478 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.)