



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-827-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] LRX2-8-L4-827-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	3143
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
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	9176	7916	7220
55	8180	6956	6368
65	7211	6132	5644
75	5948	5220	4865
85	4487	4186	4034

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1392.423	1392.423	1392.423	1392.423	1392.423
0.5	1416.972	1393.565	1385.572	1388.998	1382.147
1.0	1416.972	1392.994	1385.572	1388.998	1381.576
1.5	1416.401	1392.994	1385.001	1388.427	1381.005
2.0	1415.830	1391.852	1383.860	1387.856	1379.292
2.5	1415.259	1390.710	1383.289	1386.143	1378.151
3.0	1414.117	1389.569	1381.576	1385.001	1375.867
3.5	1412.975	1388.427	1379.863	1382.718	1373.583
4.0	1411.834	1387.285	1378.151	1381.005	1371.871
4.5	1410.692	1385.572	1376.438	1378.722	1369.016
5.0	1409.550	1383.860	1373.583	1375.867	1366.162
5.5	1407.266	1381.576	1371.300	1372.442	1362.165
6.0	1405.554	1379.292	1368.445	1369.587	1358.740
6.5	1403.841	1377.580	1365.591	1365.591	1354.744
7.0	1401.558	1374.725	1362.736	1361.595	1350.747
7.5	1399.274	1372.442	1359.311	1357.598	1346.180
8.0	1396.990	1369.016	1355.886	1353.031	1342.184
8.5	1394.136	1366.162	1351.889	1348.464	1337.046
9.0	1391.281	1363.307	1347.893	1343.326	1331.908
9.5	1388.427	1359.882	1343.326	1337.617	1326.199
10.0	1385.572	1356.456	1338.759	1332.479	1321.061
10.5	1382.147	1353.031	1334.191	1326.770	1314.210
11.0	1378.722	1349.035	1329.053	1321.061	1307.930
11.5	1374.725	1345.038	1323.915	1314.781	1301.650
12.0	1370.729	1340.471	1318.206	1308.501	1294.799
12.5	1367.304	1335.904	1312.497	1301.650	1287.378
13.0	1362.736	1331.337	1306.788	1294.799	1280.527
13.5	1358.169	1326.199	1300.508	1287.378	1273.105
14.0	1354.173	1321.061	1294.799	1280.527	1265.684
14.5	1349.035	1315.923	1287.949	1273.105	1257.691
15.0	1344.468	1310.785	1281.669	1265.113	1250.269
15.5	1339.329	1305.076	1274.247	1257.120	1241.706
16.0	1335.333	1299.937	1267.396	1249.127	1233.142
16.5	1331.337	1294.228	1259.975	1240.564	1224.579
17.0	1326.199	1288.519	1252.553	1232.000	1216.015
17.5	1318.777	1282.810	1245.131	1223.437	1206.881
18.0	1311.926	1277.672	1237.709	1214.303	1197.176
18.5	1305.076	1270.822	1229.717	1205.168	1187.470
19.0	1299.367	1263.400	1221.724	1195.463	1177.765
19.5	1293.087	1255.978	1213.732	1185.758	1167.489
20.0	1286.807	1248.557	1205.168	1176.623	1156.642
20.5	1279.956	1241.135	1197.176	1166.918	1146.366
21.0	1273.105	1234.284	1188.612	1156.642	1135.518
21.5	1266.254	1226.862	1180.049	1146.936	1125.242
22.0	1258.833	1218.870	1170.914	1136.660	1114.395
22.5	1251.982	1211.448	1162.351	1125.813	1104.119
23.0	1243.989	1203.455	1154.358	1115.537	1093.843
23.5	1236.568	1194.892	1145.224	1105.261	1082.996
24.0	1228.575	1186.899	1134.948	1094.985	1072.720
24.5	1220.582	1178.336	1125.242	1084.708	1061.872
25.0	1212.590	1170.343	1114.966	1073.861	1051.025
25.5	1204.597	1161.209	1105.261	1063.585	1040.178
26.0	1196.034	1152.645	1094.985	1052.738	1029.902
26.5	1188.041	1143.511	1085.279	1042.462	1019.626

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1178.907	1134.948	1075.003	1032.186	1008.779
27.5	1170.343	1125.242	1065.298	1021.910	997.361
28.0	1161.780	1116.108	1055.022	1011.633	987.085
28.5	1153.216	1106.974	1044.746	1000.786	976.809
29.0	1144.082	1097.268	1035.040	989.939	966.532
29.5	1134.377	1087.563	1024.764	979.092	956.256
30.0	1125.242	1077.858	1014.488	968.816	945.409
30.5	1115.537	1068.723	1004.783	958.540	934.562
31.0	1105.832	1059.018	994.506	947.693	923.715
31.5	1095.556	1048.742	983.659	936.846	913.439
32.0	1085.850	1039.037	973.383	925.998	902.592
32.5	1075.574	1028.760	963.107	915.151	891.745
33.0	1065.869	1018.484	952.260	904.304	880.897
33.5	1055.593	1008.208	941.984	894.028	870.050
34.0	1045.316	997.932	931.707	883.181	859.203
34.5	1035.611	987.085	920.289	872.334	848.356
35.0	1025.335	976.809	910.013	860.916	837.509
35.5	1015.059	965.961	899.166	850.069	827.233
36.0	1004.212	955.685	888.890	839.793	816.386
36.5	993.935	944.838	878.043	828.946	806.110
37.0	983.659	933.991	867.196	817.528	795.263
37.5	972.812	923.144	856.349	807.251	785.557
38.0	962.536	912.297	845.502	796.404	774.710
38.5	951.689	901.450	835.226	786.128	764.434
39.0	940.842	890.603	823.808	775.281	754.158
39.5	929.995	879.756	812.960	765.005	743.882
40.0	918.577	868.909	802.113	754.158	733.605
40.5	907.159	858.061	791.266	744.453	723.900
41.0	896.312	847.214	780.419	734.176	713.053
41.5	884.894	835.796	769.572	723.900	702.777
42.0	873.476	824.949	759.296	713.053	693.072
42.5	862.629	813.531	748.449	702.777	682.795
43.0	851.211	802.684	738.173	693.072	673.090
43.5	839.793	791.266	726.755	683.366	663.385
44.0	828.375	780.419	716.478	673.090	653.680
44.5	816.957	769.572	705.631	662.814	643.974
45.0	806.110	758.154	695.355	653.109	634.269
45.5	794.692	747.307	685.079	643.403	624.564
46.0	783.274	736.460	674.803	633.698	615.429
46.5	772.427	725.042	663.956	623.993	605.724
47.0	761.009	714.195	653.680	614.288	596.590
47.5	750.162	703.348	643.974	604.011	587.455
48.0	738.744	692.501	633.698	594.877	577.750
48.5	727.326	681.654	623.993	585.172	568.958
49.0	716.478	670.236	613.146	576.037	559.767
49.5	705.060	659.389	603.440	566.275	550.575
50.0	694.213	649.112	593.164	556.741	541.384
50.5	682.795	638.265	583.459	547.721	532.649
51.0	671.948	627.418	573.183	538.872	523.971
51.5	660.530	616.571	563.535	529.852	514.494
52.0	649.683	606.295	553.487	520.546	505.588
52.5	638.265	595.448	543.553	511.240	497.025
53.0	627.418	585.172	533.734	502.049	487.890
53.5	616.000	574.895	524.371	493.428	479.612
54.0	605.153	564.105	514.894	484.922	470.878
54.5	594.306	553.544	505.246	476.187	462.314

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	582.888	543.211	495.655	467.167	453.751
55.5	572.041	532.991	486.349	458.032	445.016
56.0	561.137	522.829	477.272	449.241	436.738
56.5	550.461	512.782	468.023	440.963	428.517
57.0	539.728	502.620	458.889	432.799	420.639
57.5	529.224	492.686	450.040	424.178	412.475
58.0	518.776	482.924	441.020	415.386	404.082
58.5	508.671	473.161	431.828	406.766	395.919
59.0	498.338	463.684	422.694	398.431	388.269
59.5	488.176	454.207	413.788	390.267	380.390
60.0	477.957	444.845	405.224	382.331	372.283
60.5	468.023	435.482	396.775	374.339	364.348
61.0	458.147	426.062	388.211	366.175	356.698
61.5	448.213	416.642	379.305	357.954	348.819
62.0	438.279	407.508	370.628	349.847	340.941
62.5	428.403	398.488	362.407	342.026	333.291
63.0	418.469	389.296	354.528	334.376	325.812
63.5	408.478	380.162	346.650	327.182	318.333
64.0	398.545	370.970	338.543	319.989	310.855
64.5	388.611	361.836	330.151	312.225	303.547
65.0	378.620	352.816	321.930	304.118	296.354
65.5	368.687	343.738	314.166	296.810	289.275
66.0	358.810	334.661	306.573	290.245	282.481
66.5	348.876	325.641	298.866	283.509	275.573
67.0	339.000	316.735	290.816	276.201	268.494
67.5	329.180	307.886	282.709	268.323	261.301
68.0	319.361	298.923	274.603	260.216	253.936
68.5	309.656	290.017	266.553	252.680	246.628
69.0	300.065	281.111	258.903	245.658	239.549
69.5	290.474	272.433	251.367	238.693	232.413
70.0	280.939	263.755	243.374	231.043	224.877
70.5	271.577	255.021	235.210	222.822	217.398
71.0	262.157	246.286	227.161	214.944	210.034
71.5	252.908	237.665	219.282	207.864	202.898
72.0	243.717	229.330	211.747	201.299	195.990
72.5	234.640	221.109	204.496	194.505	189.367
73.0	225.734	212.945	197.131	187.255	182.631
73.5	216.885	204.724	189.539	180.005	175.666
74.0	208.207	196.618	181.946	173.040	169.043
74.5	199.643	188.682	174.752	166.474	162.820
75.0	191.251	180.975	167.844	160.023	156.426
75.5	182.973	173.325	161.051	153.515	149.861
76.0	174.809	165.732	154.086	147.064	143.638
76.5	166.760	158.082	147.178	140.441	137.530
77.0	158.767	150.603	140.213	133.933	131.193
77.5	150.946	143.239	133.590	127.539	124.741
78.0	143.124	135.931	127.139	121.316	118.633
78.5	135.417	128.738	120.688	115.150	112.810
79.0	127.939	121.716	114.237	109.099	107.044
79.5	120.517	114.808	107.900	103.161	101.335
80.0	113.266	108.014	101.734	97.224	95.569
80.5	106.073	101.335	95.626	91.344	89.688
81.0	99.108	94.769	89.460	85.578	83.922
81.5	92.314	88.375	83.523	79.983	78.442
82.0	85.635	82.209	77.871	74.617	73.189
82.5	79.127	76.158	72.276	69.421	68.108

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L4-827-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	72.733	70.164	66.795	64.169	63.141
83.5	66.453	64.226	61.257	58.974	58.175
84.0	60.344	58.517	55.720	53.836	53.094
84.5	54.407	52.922	50.353	48.812	48.184
85.0	48.584	47.442	45.329	43.959	43.674
85.5	42.875	42.018	40.420	39.392	39.449
86.0	37.337	36.652	35.624	35.167	35.167
86.5	31.970	31.514	30.829	30.714	30.829
87.0	26.718	26.547	26.147	26.147	26.318
87.5	21.694	21.523	21.580	21.865	21.980
88.0	16.842	16.956	17.470	17.869	18.040
88.5	12.331	12.731	13.702	13.816	13.930
89.0	8.335	8.963	9.534	8.621	8.563
89.5	5.766	5.937	4.453	4.225	4.681
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L4-827-DMA-DIM-UNV_.IES

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-L4-827-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 : LRX2-8-L4-827-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 : LRX2-8-L4-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	493.02	N.A.	15.70
0-30	1009.36	N.A.	32.10
0-40	1584.21	N.A.	50.40
0-60	2583.02	N.A.	82.20
0-80	3090.87	N.A.	98.30
0-90	3142.89	N.A.	100.00
10-90	3012.26	N.A.	95.80
20-40	1091.19	N.A.	34.70
20-50	1636.68	N.A.	52.10
40-70	1325.16	N.A.	42.20
60-80	507.85	N.A.	16.20
70-80	181.50	N.A.	5.80
80-90	52.02	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	3142.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	130.63
10-20	362.39
20-30	516.34
30-40	574.85
40-50	545.49
50-60	453.31
60-70	326.35
70-80	181.50
80-90	52.02
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-L4-827-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 : LRX2-8-L4-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

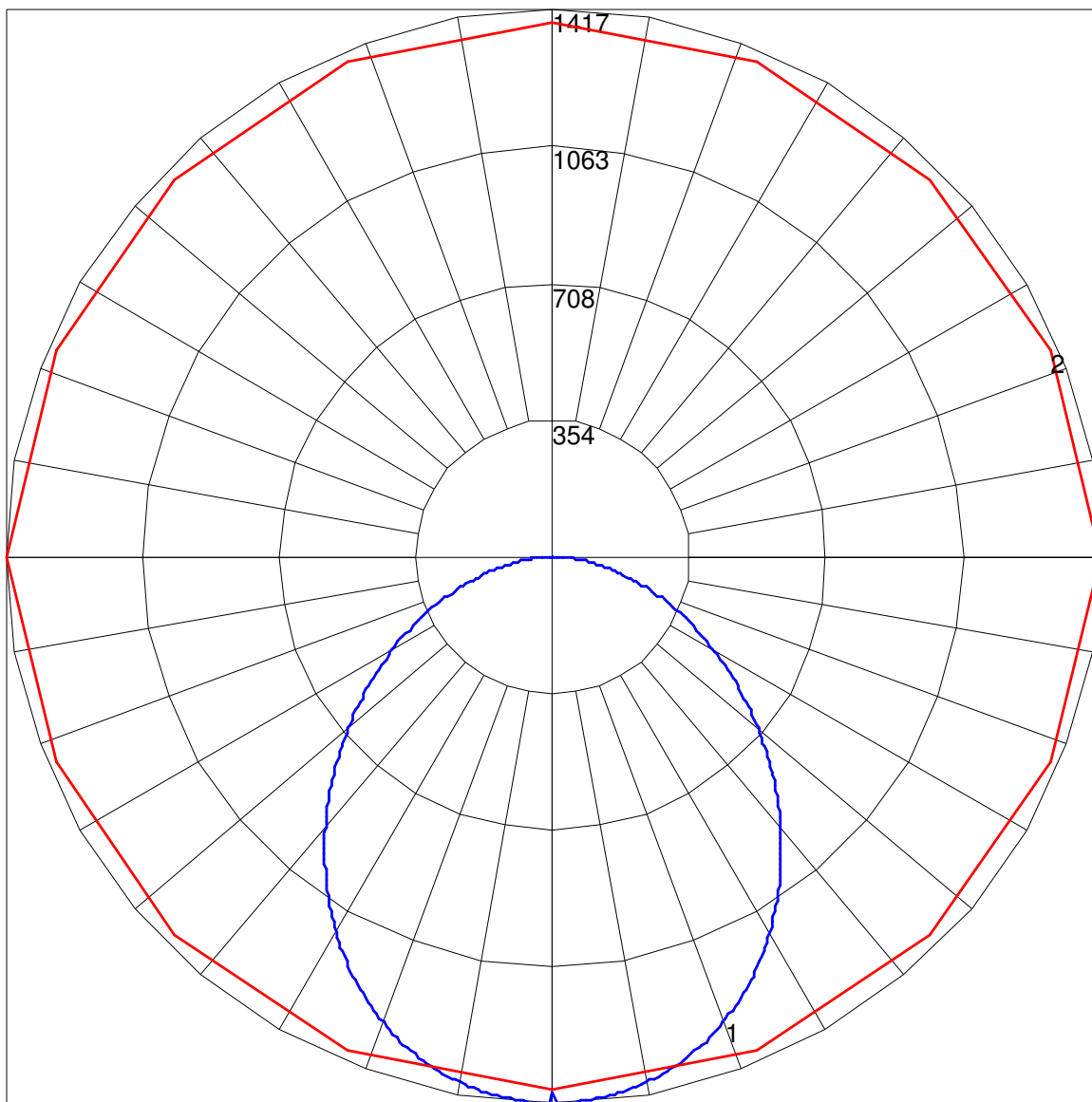
Reflectances

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	19.1	20.7	19.5	21.0	21.3	18.0	19.5	18.3	19.8	20.1
	3H	20.8	22.3	21.2	22.6	22.9	19.6	21.0	20.0	21.4	21.7
	4H	21.4	22.8	21.8	23.1	23.5	20.2	21.6	20.6	21.9	22.3
	6H	21.9	23.1	22.3	23.5	23.9	20.7	21.9	21.1	22.3	22.7
	8H	22.0	23.2	22.5	23.6	24.0	20.8	22.0	21.3	22.4	22.8
	12H	22.1	23.3	22.6	23.6	24.1	20.9	22.1	21.4	22.5	22.9
4H	2H	19.6	20.9	20.0	21.2	21.6	18.6	19.9	19.0	20.3	20.7
	3H	21.5	22.6	21.9	23.0	23.4	20.5	21.6	20.9	22.0	22.4
	4H	22.3	23.3	22.7	23.7	24.1	21.2	22.2	21.7	22.7	23.1
	6H	22.8	23.7	23.3	24.2	24.6	21.8	22.7	22.3	23.1	23.6
	8H	23.0	23.8	23.5	24.3	24.8	22.0	22.8	22.5	23.3	23.7
	12H	23.2	23.9	23.7	24.4	24.9	22.2	22.9	22.7	23.4	23.8
8H	4H	22.5	23.3	22.9	23.7	24.2	21.6	22.4	22.0	22.8	23.3
	6H	23.2	23.8	23.7	24.3	24.8	22.3	22.9	22.8	23.4	23.9
	8H	23.4	24.0	23.9	24.5	25.0	22.5	23.1	23.0	23.7	24.1
	12H	23.7	24.2	24.2	24.7	25.2	22.8	23.3	23.3	23.8	24.4
12H	4H	22.5	23.2	23.0	23.7	24.2	21.6	22.3	22.1	22.8	23.3
	6H	23.2	23.8	23.7	24.3	24.8	22.3	23.0	22.9	23.4	24.0
	8H	23.5	24.1	24.0	24.6	25.1	22.7	23.2	23.2	23.7	24.3

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 1416.972 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.)