



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L4-835-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-L4-835-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	3240
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	9460	8160	7443
55	8433	7171	6565
65	7434	6321	5819
75	6132	5381	5015
85	4626	4316	4158

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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	1435.488	1435.488	1435.488	1435.488	1435.488
0.5	1460.796	1436.665	1428.425	1431.956	1424.894
1.0	1460.796	1436.076	1428.425	1431.956	1424.305
1.5	1460.207	1436.076	1427.837	1431.368	1423.717
2.0	1459.619	1434.899	1426.659	1430.779	1421.951
2.5	1459.030	1433.722	1426.071	1429.014	1420.774
3.0	1457.853	1432.545	1424.305	1427.837	1418.420
3.5	1456.676	1431.368	1422.540	1425.482	1416.065
4.0	1455.499	1430.191	1420.774	1423.717	1414.300
4.5	1454.322	1428.425	1419.008	1421.362	1411.357
5.0	1453.144	1426.659	1416.065	1418.420	1408.414
5.5	1450.790	1424.305	1413.711	1414.888	1404.294
6.0	1449.025	1421.951	1410.768	1411.946	1400.763
6.5	1447.259	1420.185	1407.826	1407.826	1396.643
7.0	1444.905	1417.243	1404.883	1403.706	1392.523
7.5	1442.550	1414.888	1401.352	1399.586	1387.815
8.0	1440.196	1411.357	1397.820	1394.877	1383.695
8.5	1437.253	1408.414	1393.700	1390.169	1378.398
9.0	1434.311	1405.471	1389.580	1384.872	1373.101
9.5	1431.368	1401.940	1384.872	1378.986	1367.215
10.0	1428.425	1398.409	1380.164	1373.689	1361.918
10.5	1424.894	1394.877	1375.455	1367.804	1354.856
11.0	1421.362	1390.758	1370.158	1361.918	1348.382
11.5	1417.243	1386.638	1364.861	1355.444	1341.907
12.0	1413.123	1381.929	1358.976	1348.970	1334.845
12.5	1409.591	1377.221	1353.090	1341.907	1327.193
13.0	1404.883	1372.512	1347.204	1334.845	1320.131
13.5	1400.174	1367.215	1340.730	1327.193	1312.480
14.0	1396.055	1361.918	1334.845	1320.131	1304.828
14.5	1390.758	1356.621	1327.782	1312.480	1296.589
15.0	1386.049	1351.324	1321.308	1304.240	1288.937
15.5	1380.752	1345.439	1313.657	1296.000	1280.109
16.0	1376.632	1340.142	1306.594	1287.760	1271.281
16.5	1372.512	1334.256	1298.943	1278.932	1262.452
17.0	1367.215	1328.371	1291.292	1270.104	1253.624
17.5	1359.564	1322.485	1283.640	1261.275	1244.207
18.0	1352.501	1317.188	1275.989	1251.858	1234.202
18.5	1345.439	1310.125	1267.749	1242.441	1224.196
19.0	1339.553	1302.474	1259.510	1232.436	1214.191
19.5	1333.079	1294.823	1251.270	1222.431	1203.597
20.0	1326.605	1287.172	1242.441	1213.014	1192.414
20.5	1319.542	1279.520	1234.202	1203.008	1181.820
21.0	1312.480	1272.458	1225.373	1192.414	1170.638
21.5	1305.417	1264.807	1216.545	1182.409	1160.044
22.0	1297.766	1256.567	1207.128	1171.815	1148.861
22.5	1290.703	1248.916	1198.300	1160.632	1138.267
23.0	1282.463	1240.676	1190.060	1150.038	1127.673
23.5	1274.812	1231.847	1180.643	1139.444	1116.490
24.0	1266.572	1223.608	1170.049	1128.850	1105.896
24.5	1258.332	1214.779	1160.044	1118.256	1094.714
25.0	1250.093	1206.540	1149.450	1107.074	1083.531
25.5	1241.853	1197.123	1139.444	1096.480	1072.349
26.0	1233.025	1188.294	1128.850	1085.297	1061.755
26.5	1224.785	1178.877	1118.845	1074.703	1051.161

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CANDELA TABULATION - (Cont.)

27.0	1215.368	1170.049	1108.251	1064.109	1039.978
27.5	1206.540	1160.044	1098.245	1053.515	1028.207
28.0	1197.711	1150.627	1087.651	1042.921	1017.613
28.5	1188.883	1141.210	1077.057	1031.738	1007.019
29.0	1179.466	1131.204	1067.052	1020.556	996.425
29.5	1169.461	1121.199	1056.458	1009.373	985.831
30.0	1160.044	1111.193	1045.864	998.779	974.649
30.5	1150.038	1101.777	1035.858	988.185	963.466
31.0	1140.033	1091.771	1025.264	977.003	952.283
31.5	1129.439	1081.177	1014.082	965.820	941.689
32.0	1119.433	1071.172	1003.488	954.638	930.507
32.5	1108.839	1060.578	992.894	943.455	919.324
33.0	1098.834	1049.984	981.711	932.273	908.142
33.5	1088.240	1039.390	971.117	921.678	896.959
34.0	1077.646	1028.796	960.523	910.496	885.777
34.5	1067.640	1017.613	948.752	899.313	874.594
35.0	1057.046	1007.019	938.158	887.542	863.411
35.5	1046.452	995.837	926.975	876.360	852.817
36.0	1035.270	985.243	916.381	865.766	841.635
36.5	1024.676	974.060	905.199	854.583	831.041
37.0	1014.082	962.877	894.016	842.812	819.858
37.5	1002.899	951.695	882.834	832.218	809.853
38.0	992.305	940.512	871.651	821.035	798.670
38.5	981.123	929.330	861.057	810.441	788.076
39.0	969.940	918.147	849.286	799.259	777.482
39.5	958.758	906.965	838.104	788.665	766.888
40.0	946.986	895.782	826.921	777.482	756.294
40.5	935.215	884.599	815.738	767.477	746.289
41.0	924.033	873.417	804.556	756.883	735.106
41.5	912.262	861.646	793.373	746.289	724.512
42.0	900.490	850.463	782.779	735.106	714.507
42.5	889.308	838.692	771.597	724.512	703.913
43.0	877.537	827.510	761.003	714.507	693.907
43.5	865.766	815.738	749.232	704.501	683.902
44.0	853.995	804.556	738.638	693.907	673.896
44.5	842.223	793.373	727.455	683.313	663.891
45.0	831.041	781.602	716.861	673.308	653.886
45.5	819.270	770.420	706.267	663.302	643.880
46.0	807.499	759.237	695.673	653.297	634.463
46.5	796.316	747.466	684.490	643.292	624.458
47.0	784.545	736.283	673.896	633.286	615.041
47.5	773.362	725.101	663.891	622.692	605.624
48.0	761.591	713.918	653.297	613.275	595.619
48.5	749.820	702.736	643.292	603.270	586.555
49.0	738.638	690.965	632.109	593.853	577.079
49.5	726.867	679.782	622.104	583.789	567.603
50.0	715.684	669.188	611.510	573.960	558.128
50.5	703.913	658.005	601.504	564.661	549.123
51.0	692.730	646.823	590.910	555.538	540.177
51.5	680.959	635.640	580.964	546.239	530.407
52.0	669.777	625.046	570.605	536.645	521.225
52.5	658.005	613.864	560.364	527.052	512.397
53.0	646.823	603.270	550.241	517.576	502.980
53.5	635.052	592.676	540.589	508.689	494.446
54.0	623.869	581.552	530.819	499.919	485.441
54.5	612.687	570.664	520.872	490.914	476.613

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CANDELA TABULATION - (Cont.)

55.0	600.916	560.011	510.984	481.615	467.784
55.5	589.733	549.476	501.391	472.198	458.779
56.0	578.492	538.999	492.033	463.135	450.245
56.5	567.486	528.641	482.498	454.601	441.770
57.0	556.421	518.165	473.081	446.184	433.648
57.5	545.591	507.924	463.959	437.297	425.232
58.0	534.821	497.859	454.659	428.233	416.580
58.5	524.403	487.795	445.184	419.346	408.163
59.0	513.750	478.025	435.767	410.753	400.277
59.5	503.274	468.255	426.585	402.337	392.155
60.0	492.739	458.603	417.757	394.156	383.797
60.5	482.498	448.950	409.046	385.916	375.616
61.0	472.316	439.239	400.218	377.500	367.730
61.5	462.075	429.528	391.037	369.025	359.608
62.0	451.834	420.111	382.090	360.667	351.486
62.5	441.652	410.812	373.615	352.604	343.599
63.0	431.411	401.336	365.493	344.717	335.889
63.5	421.112	391.919	357.371	337.301	328.179
64.0	410.871	382.444	349.014	329.886	320.469
64.5	400.630	373.027	340.362	321.881	312.935
65.0	390.330	363.728	331.887	313.524	305.519
65.5	380.089	354.369	323.882	305.990	298.221
66.0	369.907	345.011	316.055	299.222	291.217
66.5	359.666	335.712	308.109	292.277	284.096
67.0	349.484	326.531	299.810	284.743	276.798
67.5	339.361	317.408	291.453	276.621	269.382
68.0	329.238	308.168	283.095	268.264	261.790
68.5	319.233	298.986	274.797	260.495	254.256
69.0	309.345	289.805	266.910	253.256	246.958
69.5	299.457	280.859	259.141	246.075	239.601
70.0	289.628	271.913	250.901	238.189	231.832
70.5	279.976	262.908	242.485	229.713	224.122
71.0	270.265	253.903	234.186	221.591	216.530
71.5	260.730	245.016	226.064	214.293	209.173
72.0	251.255	236.423	218.295	207.525	202.051
72.5	241.896	227.948	210.821	200.521	195.224
73.0	232.715	219.531	203.228	193.046	188.279
73.5	223.592	211.056	195.401	185.572	181.099
74.0	214.646	202.699	187.573	178.391	174.271
74.5	205.818	194.518	180.157	171.623	167.856
75.0	197.166	186.572	173.035	164.972	161.264
75.5	188.632	178.686	166.032	158.263	154.496
76.0	180.216	170.858	158.851	151.612	148.081
76.5	171.917	162.971	151.730	144.785	141.783
77.0	163.677	155.261	144.549	138.075	135.250
77.5	155.614	147.669	137.722	131.483	128.599
78.0	147.551	140.135	131.071	125.068	122.302
78.5	139.605	132.719	124.421	118.712	116.299
79.0	131.895	125.480	117.770	112.473	110.354
79.5	124.244	118.359	111.237	106.352	104.469
80.0	116.769	111.355	104.881	100.231	98.524
80.5	109.354	104.469	98.583	94.169	92.462
81.0	102.173	97.700	92.227	88.225	86.518
81.5	95.169	91.108	86.106	82.457	80.868
82.0	88.283	84.752	80.279	76.924	75.453
82.5	81.574	78.513	74.511	71.568	70.215

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CANDELA TABULATION - (Cont.)

83.0	74.982	72.334	68.861	66.154	65.094
83.5	68.508	66.213	63.152	60.798	59.974
84.0	62.210	60.327	57.443	55.501	54.736
84.5	56.089	54.559	51.911	50.322	49.674
85.0	50.086	48.909	46.731	45.319	45.025
85.5	44.201	43.318	41.670	40.610	40.669
86.0	38.492	37.785	36.726	36.255	36.255
86.5	32.959	32.488	31.782	31.664	31.782
87.0	27.544	27.368	26.956	26.956	27.132
87.5	22.365	22.189	22.247	22.542	22.659
88.0	17.362	17.480	18.010	18.422	18.598
88.5	12.713	13.125	14.125	14.243	14.361
89.0	8.593	9.240	9.829	8.887	8.828
89.5	5.944	6.121	4.591	4.355	4.826
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-L4-835-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-L4-835-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-L4-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	508.27	N.A.	15.70
0-30	1040.58	N.A.	32.10
0-40	1633.21	N.A.	50.40
0-60	2662.91	N.A.	82.20
0-80	3186.46	N.A.	98.30
0-90	3240.09	N.A.	100.00
10-90	3105.42	N.A.	95.80
20-40	1124.94	N.A.	34.70
20-50	1687.3	N.A.	52.10
40-70	1366.14	N.A.	42.20
60-80	523.55	N.A.	16.20
70-80	187.11	N.A.	5.80
80-90	53.63	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	3240.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	134.67
10-20	373.60
20-30	532.31
30-40	592.63
40-50	562.37
50-60	467.33
60-70	336.44
70-80	187.11
80-90	53.63
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-L4-835-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-L4-835-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

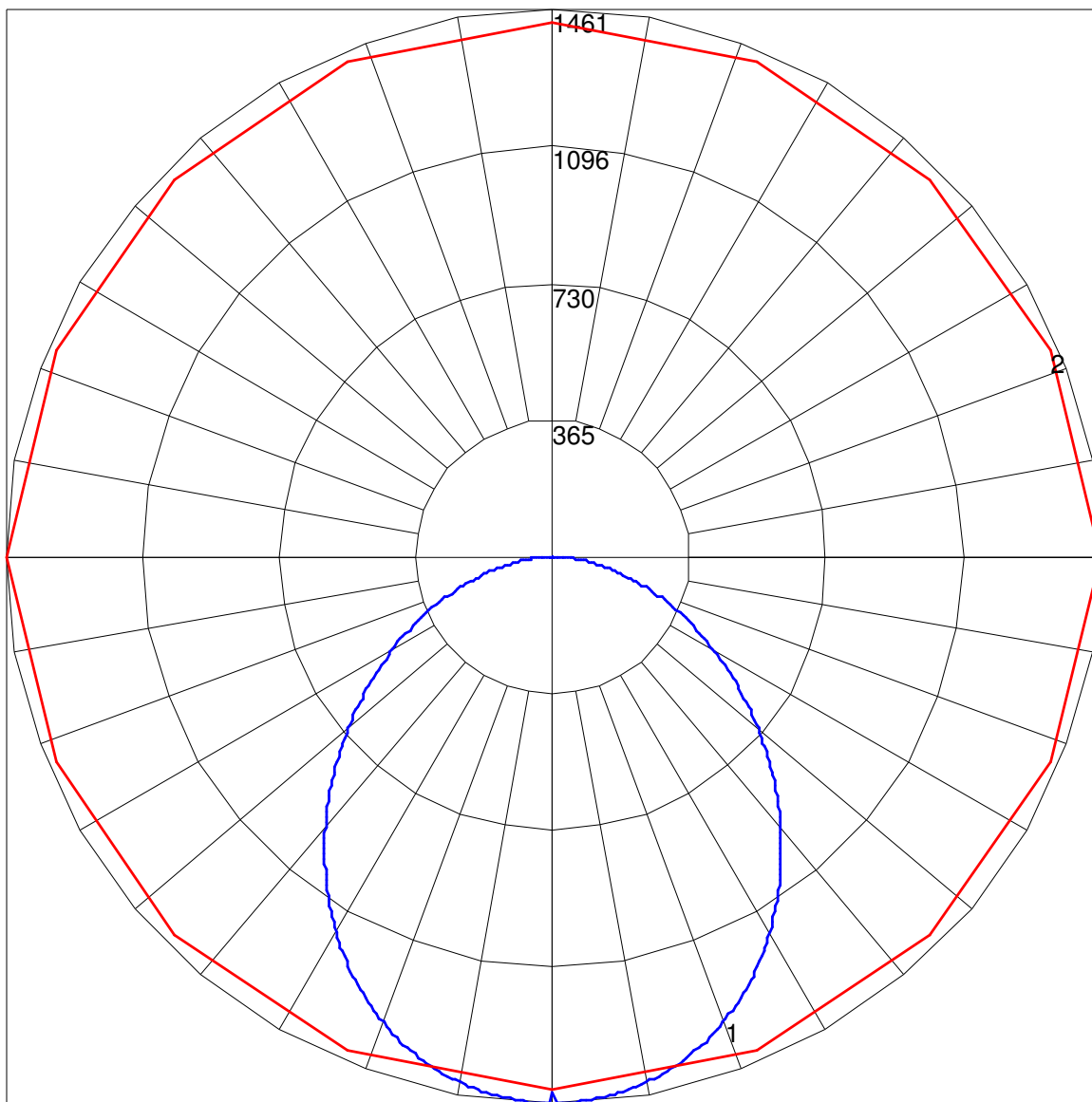
Reflectances

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	19.2	20.8	19.6	21.1	21.4	18.1	19.6	18.4	19.9	20.2
	3H	20.9	22.3	21.3	22.7	23.0	19.7	21.1	20.1	21.5	21.8
	4H	21.5	22.9	21.9	23.2	23.6	20.3	21.7	20.7	22.0	22.4
	6H	22.0	23.2	22.4	23.6	24.0	20.8	22.0	21.2	22.4	22.8
	8H	22.1	23.3	22.6	23.7	24.1	20.9	22.1	21.4	22.5	22.9
	12H	22.2	23.4	22.7	23.7	24.2	21.0	22.2	21.5	22.6	23.0
4H	2H	19.7	21.0	20.1	21.3	21.7	18.7	20.0	19.1	20.4	20.8
	3H	21.6	22.7	22.0	23.1	23.5	20.6	21.7	21.0	22.1	22.5
	4H	22.4	23.4	22.8	23.8	24.2	21.3	22.3	21.8	22.8	23.2
	6H	22.9	23.8	23.4	24.3	24.7	21.9	22.8	22.4	23.2	23.7
	8H	23.1	23.9	23.6	24.4	24.9	22.1	22.9	22.6	23.4	23.8
	12H	23.3	24.0	23.8	24.5	24.9	22.3	23.0	22.8	23.5	23.9
8H	4H	22.6	23.4	23.0	23.8	24.3	21.7	22.5	22.1	22.9	23.4
	6H	23.3	23.9	23.8	24.4	24.9	22.4	23.0	22.9	23.5	24.0
	8H	23.5	24.1	24.0	24.6	25.1	22.6	23.2	23.1	23.8	24.2
	12H	23.7	24.3	24.3	24.8	25.3	22.9	23.4	23.4	23.9	24.5
12H	4H	22.6	23.3	23.1	23.8	24.3	21.7	22.4	22.2	22.9	23.4
	6H	23.3	23.9	23.8	24.4	24.9	22.4	23.1	23.0	23.5	24.1
	8H	23.6	24.2	24.1	24.7	25.2	22.8	23.3	23.3	23.8	24.4

Maximum UGR = 25.3

POLAR GRAPH



Maximum Candela = 1460.796 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.)