



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-2-L15-835-S-DMA-DRV-UNV.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.04

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 2-SEP-2021

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] LRX5-2-L15-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] white LEDs

[BALLAST] (1) Everline Driver

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[_SEARCH_SOURCE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Commercial, Office, Direct, Linear

[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3026
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	24.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.94 ft
Luminous Width (90-270)	0.44 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14036	12304	11255
55	12192	10422	9441
65	10283	8761	7953
75	8191	7131	6594
85	5934	5471	5323

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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	1324.415	1324.415	1324.415	1324.415	1324.415
0.5	1341.309	1324.808	1318.915	1323.236	1320.486
1.0	1341.309	1324.415	1318.522	1323.236	1320.093
1.5	1340.523	1324.022	1318.522	1322.843	1319.700
2.0	1340.130	1323.629	1317.736	1322.451	1319.308
2.5	1339.345	1322.843	1316.950	1321.665	1318.522
3.0	1338.559	1322.058	1316.164	1320.879	1317.343
3.5	1337.773	1321.272	1315.379	1320.093	1316.557
4.0	1336.987	1320.093	1314.200	1318.915	1314.986
4.5	1335.809	1318.915	1313.021	1317.343	1313.414
5.0	1334.630	1317.343	1311.450	1315.772	1311.450
5.5	1333.058	1316.164	1309.878	1313.807	1309.485
6.0	1331.487	1314.593	1307.914	1311.843	1307.128
6.5	1330.308	1312.628	1305.949	1309.485	1304.771
7.0	1328.344	1310.664	1303.985	1307.128	1302.413
7.5	1326.379	1308.700	1301.628	1304.378	1299.663
8.0	1324.415	1306.735	1299.270	1301.628	1296.913
8.5	1322.451	1304.378	1296.520	1298.485	1293.770
9.0	1320.093	1302.021	1293.770	1294.949	1290.234
9.5	1317.736	1299.663	1290.627	1291.413	1286.698
10.0	1315.379	1296.913	1287.484	1287.877	1282.769
10.5	1312.628	1294.163	1283.948	1283.948	1278.447
11.0	1309.878	1291.020	1280.412	1279.626	1274.126
11.5	1307.128	1287.877	1276.876	1275.304	1269.411
12.0	1303.985	1284.734	1272.554	1270.983	1264.304
12.5	1300.842	1281.198	1268.625	1265.875	1259.589
13.0	1297.306	1277.662	1264.304	1261.161	1254.089
13.5	1293.770	1273.733	1259.982	1256.053	1248.981
14.0	1290.234	1269.804	1255.660	1250.553	1243.481
14.5	1286.305	1265.875	1250.946	1245.052	1237.587
15.0	1282.376	1261.553	1245.838	1239.552	1231.694
15.5	1278.447	1257.232	1240.731	1233.659	1225.801
16.0	1274.126	1252.517	1235.230	1227.372	1219.515
16.5	1269.411	1247.802	1229.730	1221.086	1212.836
17.0	1264.697	1243.088	1223.836	1214.800	1205.764
17.5	1259.982	1237.980	1217.943	1208.121	1198.692
18.0	1255.267	1232.873	1212.050	1201.049	1191.227
18.5	1250.160	1227.372	1205.764	1193.584	1183.762
19.0	1245.052	1221.872	1199.085	1186.120	1175.905
19.5	1239.945	1216.372	1192.406	1178.262	1167.654
20.0	1234.444	1210.478	1185.727	1170.011	1159.010
20.5	1228.944	1204.585	1178.655	1161.761	1150.367
21.0	1223.051	1198.692	1171.583	1153.117	1141.331
21.5	1217.157	1192.406	1164.511	1144.081	1132.294
22.0	1210.871	1186.120	1156.653	1135.045	1123.258
22.5	1204.978	1179.441	1149.188	1126.008	1114.222
23.0	1198.299	1172.761	1141.331	1116.972	1104.792
23.5	1192.013	1165.690	1133.080	1107.543	1094.970
24.0	1185.334	1158.618	1124.829	1098.113	1085.541
24.5	1178.655	1151.153	1116.579	1088.684	1075.719
25.0	1171.190	1143.688	1107.935	1079.255	1065.897
25.5	1164.118	1136.223	1099.292	1069.826	1055.682
26.0	1157.046	1128.365	1090.256	1060.396	1045.467
26.5	1149.581	1120.508	1081.219	1050.574	1035.645

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PHOTOMETRIC FILENAME : LRX5-2-L15-835-S-DMA-DRV-UNV.IES

CANDELA TABULATION - (Cont.)

27.0	1141.724	1112.650	1072.183	1040.752	1025.823
27.5	1133.866	1104.399	1063.147	1030.930	1015.607
28.0	1126.008	1095.756	1053.717	1021.108	1005.392
28.5	1117.758	1087.113	1044.288	1010.893	995.177
29.0	1109.507	1078.469	1034.859	1000.678	984.962
29.5	1101.256	1069.826	1025.037	990.463	974.747
30.0	1092.613	1060.789	1015.215	979.855	964.140
30.5	1083.969	1051.753	1005.392	969.247	953.925
31.0	1075.326	1042.717	995.570	958.639	942.924
31.5	1066.290	1033.680	985.355	948.031	932.316
32.0	1057.253	1024.251	975.140	937.031	921.315
32.5	1048.217	1014.822	964.925	926.030	910.314
33.0	1038.788	1005.000	954.317	915.029	898.921
33.5	1029.751	995.177	943.710	903.635	887.527
34.0	1019.929	985.355	933.102	892.635	876.133
34.5	1010.500	975.140	922.494	881.241	864.740
35.0	1000.678	965.318	911.493	870.240	853.346
35.5	990.856	954.710	900.492	858.846	841.952
36.0	980.641	944.495	889.491	847.453	830.559
36.5	970.426	933.887	878.491	836.059	819.165
37.0	960.211	922.887	867.097	824.665	807.771
37.5	949.603	912.279	856.096	813.272	796.378
38.0	939.388	901.671	844.703	801.878	784.984
38.5	928.387	890.670	833.309	790.092	773.590
39.0	917.779	879.669	822.308	779.091	762.197
39.5	906.778	868.276	810.914	767.697	751.196
40.0	895.778	857.275	799.521	756.303	739.802
40.5	884.777	846.274	788.127	744.910	728.409
41.0	873.776	834.880	777.126	733.516	717.408
41.5	862.775	823.880	765.733	722.122	706.014
42.0	851.382	812.486	754.732	710.729	694.621
42.5	839.988	801.485	743.338	699.335	683.620
43.0	828.987	790.092	731.945	688.334	672.226
43.5	817.593	778.698	720.551	676.941	661.225
44.0	806.200	767.697	709.157	665.940	649.832
44.5	794.806	756.303	697.764	654.939	638.831
45.0	783.413	744.910	686.763	643.938	628.223
45.5	772.019	733.516	675.369	633.330	617.222
46.0	760.232	721.730	663.975	622.330	606.614
46.5	748.839	710.336	652.975	611.329	596.006
47.0	737.445	698.549	641.974	600.721	585.399
47.5	725.266	687.156	630.580	590.113	574.791
48.0	713.479	675.762	619.580	579.505	564.576
48.5	701.692	664.368	608.972	568.897	554.361
49.0	689.906	652.582	597.971	558.289	544.146
49.5	678.119	641.188	586.970	548.074	533.931
50.0	666.726	629.795	575.969	537.467	523.716
50.5	654.939	618.401	565.361	527.252	513.501
51.0	643.545	607.007	554.361	517.037	503.678
51.5	631.759	595.614	543.753	506.822	493.856
52.0	620.365	584.613	533.145	496.999	484.034
52.5	608.579	573.612	522.537	486.784	474.212
53.0	597.185	562.218	512.322	476.962	464.783
53.5	585.791	551.218	502.107	467.533	455.354
54.0	574.398	540.610	491.892	457.711	445.924
54.5	563.004	529.609	481.677	448.282	436.495

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CANDELA TABULATION - (Cont.)

55.0	552.003	519.001	471.855	439.245	427.459
55.5	541.003	508.786	461.640	429.816	418.030
56.0	529.609	497.785	451.818	420.780	409.386
56.5	518.608	487.570	442.388	411.743	400.350
57.0	508.000	476.962	432.566	402.707	391.549
57.5	496.999	466.747	423.137	394.064	383.181
58.0	486.392	456.532	413.708	385.342	374.812
58.5	475.391	446.317	404.279	376.737	366.483
59.0	464.783	436.495	395.242	368.212	358.193
59.5	454.568	426.673	386.009	359.686	349.903
60.0	443.960	416.851	376.894	351.200	341.810
60.5	433.745	407.029	367.976	342.989	333.795
61.0	423.530	397.207	359.215	334.699	325.937
61.5	413.315	387.581	350.532	326.605	318.080
62.0	403.100	378.034	341.849	318.473	310.261
62.5	392.885	368.565	333.324	310.497	302.443
63.0	382.866	359.254	324.877	302.561	294.782
63.5	372.808	349.864	316.547	294.782	287.120
64.0	362.790	340.631	308.415	287.199	279.734
64.5	352.929	331.595	300.282	279.695	272.466
65.0	343.028	322.480	292.267	272.309	265.315
65.5	333.324	313.404	284.252	265.001	258.204
66.0	323.698	304.486	276.277	257.811	251.171
66.5	314.033	295.567	268.380	250.661	244.217
67.0	304.604	286.845	260.561	243.589	237.381
67.5	295.253	278.084	252.861	236.595	230.702
68.0	285.784	269.519	245.199	229.563	223.905
68.5	276.512	260.915	237.578	222.530	217.108
69.0	267.397	252.429	229.995	215.497	210.272
69.5	258.361	244.021	222.255	208.465	203.475
70.0	249.560	235.652	214.751	201.550	196.757
70.5	240.878	227.441	207.404	194.753	190.117
71.0	232.274	219.308	200.136	188.035	183.595
71.5	223.787	211.333	192.985	181.395	177.152
72.0	215.380	203.397	185.835	174.873	170.826
72.5	207.011	195.657	178.802	168.390	164.579
73.0	198.878	187.956	171.966	162.026	158.411
73.5	190.785	180.491	165.287	155.779	152.361
74.0	182.809	173.144	158.686	149.650	146.428
74.5	175.030	165.915	152.164	143.599	140.535
75.0	167.330	158.765	145.682	137.628	134.720
75.5	159.747	151.693	139.278	131.734	128.945
76.0	152.282	144.739	132.992	125.920	123.327
76.5	144.935	137.903	126.823	120.223	117.748
77.0	137.706	131.224	120.773	114.605	112.326
77.5	130.595	124.662	114.801	109.143	106.943
78.0	123.641	118.140	108.947	103.722	101.561
78.5	116.765	111.736	103.132	98.300	96.296
79.0	110.047	105.411	97.435	92.957	91.110
79.5	103.486	99.164	91.778	87.731	86.003
80.0	97.121	93.153	86.278	82.663	81.091
80.5	90.953	87.220	80.974	77.673	76.259
81.0	84.942	81.445	75.748	72.762	71.466
81.5	79.009	75.787	70.601	67.969	66.830
82.0	73.194	70.209	65.572	63.215	62.194
82.5	67.419	64.787	60.622	58.579	57.676

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CANDELA TABULATION - (Cont.)

83.0	61.840	59.483	55.829	54.100	53.236
83.5	56.418	54.336	51.114	49.661	48.953
84.0	51.075	49.346	46.518	45.300	44.750
84.5	45.889	44.435	42.039	41.017	40.664
85.0	40.821	39.642	37.638	36.813	36.617
85.5	35.870	34.927	33.277	32.688	32.688
86.0	31.077	30.370	29.034	28.720	28.877
86.5	26.441	26.009	24.987	24.870	25.184
87.0	22.002	21.805	21.059	21.137	21.609
87.5	17.680	17.758	17.208	17.562	18.151
88.0	13.555	13.830	13.555	14.105	14.615
88.5	9.744	10.097	9.901	10.097	10.136
89.0	6.522	6.758	6.718	6.954	7.465
89.5	4.440	4.125	4.322	5.147	5.736
90.0	2.632	2.122	2.397	3.104	3.497
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 : LRX5-2-L15-835-S-DMA-DRV-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 : LRX5-2-L15-835-S-DMA-DRV-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 : LRX5-2-L15-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	477.12	N.A.	15.80
0-30	988.59	N.A.	32.70
0-40	1561.91	N.A.	51.60
0-60	2528.21	N.A.	83.60
0-80	2982.09	N.A.	98.60
0-90	3025.87	N.A.	100.00
10-90	2900.93	N.A.	95.90
20-40	1084.79	N.A.	35.80
20-50	1620.97	N.A.	53.60
40-70	1262.1	N.A.	41.70
60-80	453.87	N.A.	15.00
70-80	158.08	N.A.	5.20
80-90	43.78	N.A.	1.40
90-110	0.07	N.A.	0.00
90-120	0.07	N.A.	0.00
90-130	0.07	N.A.	0.00
90-150	0.07	N.A.	0.00
90-180	0.07	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3025.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	124.94
10-20	352.18
20-30	511.47
30-40	573.32
40-50	536.19
50-60	430.12
60-70	295.80
70-80	158.08
80-90	43.78
90-100	0.07
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 : LRX5-2-L15-835-S-DMA-DRV-UNV.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	90	90	90	90	88	88	88	88	84	84	84	80	80	80	77	77	77	75
1	83	79	76	74	81	78	75	72	74	72	70	72	70	68	69	67	66	64
2	76	70	65	61	74	69	64	60	66	62	59	63	60	58	61	59	56	55
3	69	62	56	52	68	61	55	51	59	54	50	57	53	49	55	51	49	47
4	64	55	49	44	62	54	49	44	53	47	43	51	46	43	49	45	42	41
5	59	50	43	39	58	49	43	38	47	42	38	46	41	38	45	41	37	36
6	55	45	39	34	53	44	38	34	43	38	34	42	37	33	41	36	33	32
7	51	41	35	30	50	41	35	30	39	34	30	38	33	30	37	33	30	28
8	48	38	32	27	46	37	31	27	36	31	27	35	30	27	34	30	27	25
9	45	35	29	25	43	34	29	25	33	28	25	33	28	24	32	28	24	23
10	42	32	26	23	41	32	26	23	31	26	22	30	26	22	30	25	22	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-2-L15-835-S-DMA-DRV-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

X=2H	Y=2H	21.4	22.9	21.8	23.3	23.6	20.1	21.6	20.5	22.0	22.3
	3H	22.9	24.3	23.3	24.7	25.0	21.6	23.0	22.0	23.3	23.7
	4H	23.5	24.8	23.9	25.2	25.5	22.2	23.5	22.6	23.8	24.2
	6H	23.9	25.1	24.3	25.5	25.9	22.6	23.8	23.0	24.2	24.5
	8H	24.0	25.2	24.5	25.6	26.0	22.7	23.9	23.1	24.3	24.7
	12H	24.1	25.2	24.5	25.6	26.0	22.8	23.9	23.2	24.3	24.7

UGR Viewed Endwise

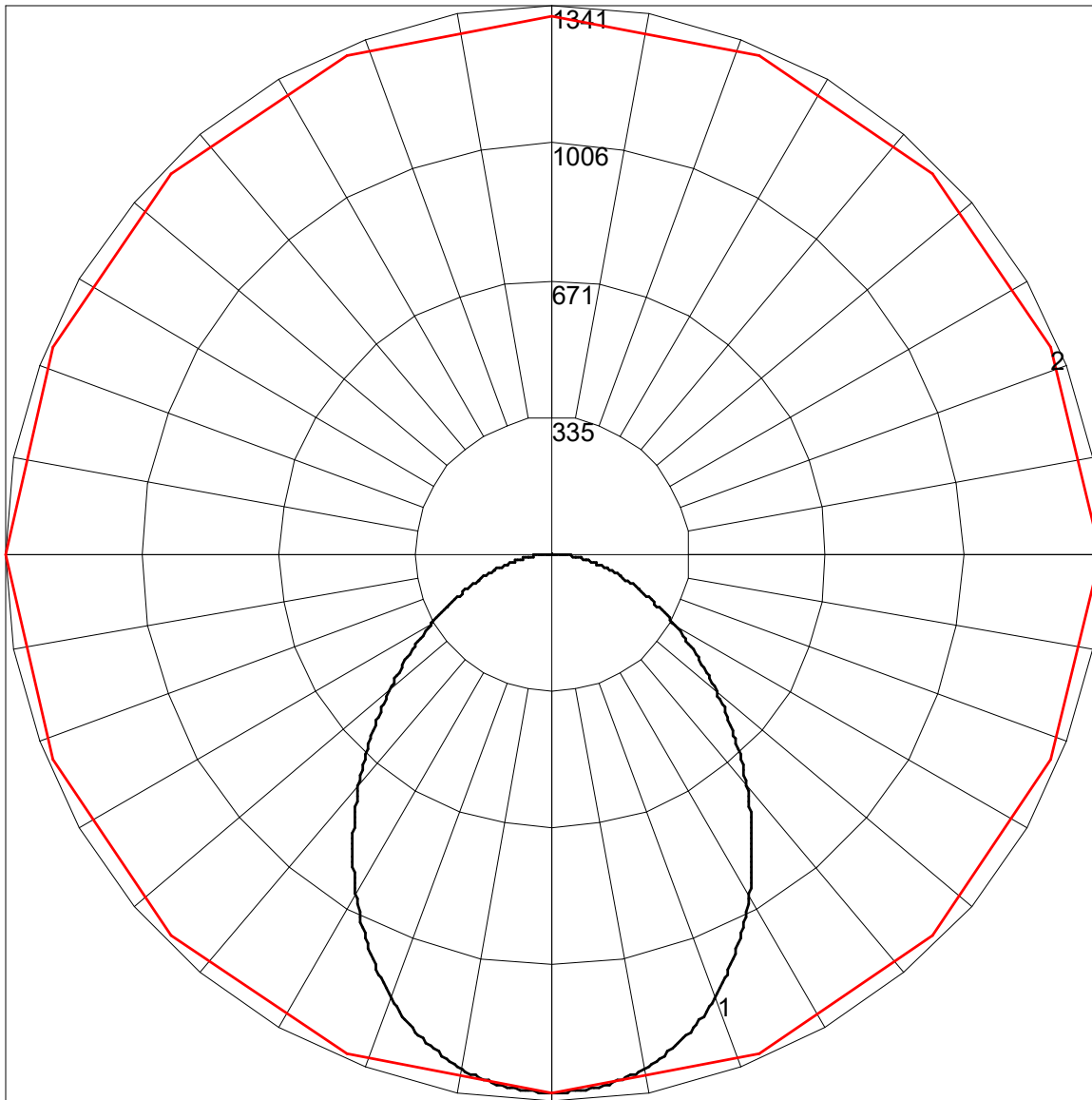
4H	2H	21.8	23.1	22.2	23.4	23.8	20.7	22.0	21.1	22.4	22.8
	3H	23.6	24.7	24.0	25.1	25.5	22.5	23.6	22.9	24.0	24.4
	4H	24.2	25.2	24.7	25.7	26.1	23.1	24.1	23.5	24.5	25.0
	6H	24.8	25.6	25.2	26.1	26.5	23.6	24.5	24.1	25.0	25.4
	8H	24.9	25.7	25.4	26.2	26.7	23.8	24.6	24.3	25.1	25.5
	12H	25.1	25.8	25.5	26.3	26.7	24.0	24.7	24.4	25.2	25.6

8H	4H	24.4	25.2	24.9	25.7	26.2	23.4	24.2	23.9	24.7	25.1
	6H	25.1	25.7	25.6	26.2	26.7	24.1	24.7	24.6	25.2	25.7
	8H	25.3	25.9	25.8	26.4	26.9	24.3	24.9	24.8	25.4	25.9
	12H	25.5	26.0	26.0	26.5	27.1	24.5	25.0	25.0	25.5	26.1

12H	4H	24.4	25.2	24.9	25.6	26.1	23.5	24.2	23.9	24.7	25.1
	6H	25.1	25.7	25.6	26.2	26.7	24.1	24.7	24.7	25.2	25.7
	8H	25.4	25.9	25.9	26.4	27.0	24.4	25.0	24.9	25.4	26.0

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 1341.309 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)