



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-2-L12-835-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-L12-835-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_SOURCETYPE] 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	2408
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	19.3
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	11169	9791	8957
55	9702	8294	7513
65	8183	6972	6329
75	6518	5675	5248
85	4722	4354	4236

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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	1053.930	1053.930	1053.930	1053.930	1053.930
0.5	1067.373	1054.242	1049.553	1052.992	1050.803
1.0	1067.373	1053.930	1049.240	1052.992	1050.491
1.5	1066.748	1053.617	1049.240	1052.679	1050.178
2.0	1066.436	1053.304	1048.615	1052.366	1049.865
2.5	1065.810	1052.679	1047.989	1051.741	1049.240
3.0	1065.185	1052.054	1047.364	1051.116	1048.302
3.5	1064.560	1051.429	1046.739	1050.491	1047.677
4.0	1063.934	1050.491	1045.801	1049.553	1046.426
4.5	1062.996	1049.553	1044.863	1048.302	1045.176
5.0	1062.058	1048.302	1043.612	1047.051	1043.612
5.5	1060.808	1047.364	1042.362	1045.488	1042.049
6.0	1059.557	1046.114	1040.799	1043.925	1040.173
6.5	1058.619	1044.550	1039.235	1042.049	1038.297
7.0	1057.056	1042.987	1037.672	1040.173	1036.421
7.5	1055.493	1041.424	1035.796	1037.985	1034.233
8.0	1053.930	1039.861	1033.920	1035.796	1032.044
8.5	1052.366	1037.985	1031.732	1033.295	1029.543
9.0	1050.491	1036.109	1029.543	1030.481	1026.729
9.5	1048.615	1034.233	1027.042	1027.667	1023.916
10.0	1046.739	1032.044	1024.541	1024.854	1020.789
10.5	1044.550	1029.856	1021.727	1021.727	1017.350
11.0	1042.362	1027.355	1018.913	1018.288	1013.911
11.5	1040.173	1024.854	1016.100	1014.849	1010.159
12.0	1037.672	1022.352	1012.660	1011.410	1006.095
12.5	1035.171	1019.539	1009.534	1007.345	1002.343
13.0	1032.357	1016.725	1006.095	1003.594	997.966
13.5	1029.543	1013.598	1002.656	999.529	993.902
14.0	1026.729	1010.472	999.217	995.152	989.525
14.5	1023.603	1007.345	995.465	990.775	984.835
15.0	1020.477	1003.906	991.400	986.398	980.145
15.5	1017.350	1000.467	987.336	981.708	975.456
16.0	1013.911	996.715	982.959	976.706	970.453
16.5	1010.159	992.964	978.582	971.704	965.138
17.0	1006.407	989.212	973.892	966.701	959.511
17.5	1002.656	985.148	969.203	961.386	953.883
18.0	998.904	981.083	964.513	955.759	947.943
18.5	994.840	976.706	959.511	949.819	942.002
19.0	990.775	972.329	954.196	943.878	935.749
19.5	986.711	967.952	948.881	937.625	929.184
20.0	982.334	963.262	943.566	931.060	922.306
20.5	977.957	958.573	937.938	924.494	915.427
21.0	973.267	953.883	932.310	917.616	908.237
21.5	968.577	948.881	926.683	910.425	901.046
22.0	963.575	943.878	920.430	903.234	893.855
22.5	958.885	938.563	914.490	896.043	886.664
23.0	953.570	933.248	908.237	888.853	879.161
23.5	948.568	927.621	901.671	881.349	871.344
24.0	943.253	921.993	895.106	873.846	863.841
24.5	937.938	916.053	888.540	866.342	856.025
25.0	931.998	910.113	881.662	858.839	848.209
25.5	926.370	904.172	874.784	851.335	840.080
26.0	920.742	897.919	867.593	843.832	831.951
26.5	914.802	891.666	860.402	836.015	824.135

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CANDELA TABULATION - (Cont.)

27.0	908.549	885.413	853.211	828.199	816.319
27.5	902.296	878.848	846.020	820.383	808.190
28.0	896.043	871.970	838.517	812.567	800.061
28.5	889.478	865.091	831.013	804.438	791.932
29.0	882.912	858.213	823.510	796.309	783.804
29.5	876.347	851.335	815.693	788.181	775.675
30.0	869.469	844.144	807.877	779.739	767.233
30.5	862.590	836.953	800.061	771.298	759.104
31.0	855.712	829.762	792.245	762.856	750.350
31.5	848.521	822.572	784.116	754.415	741.909
32.0	841.330	815.068	775.987	745.661	733.155
32.5	834.140	807.565	767.859	736.907	724.401
33.0	826.636	799.748	759.417	728.153	715.334
33.5	819.445	791.932	750.976	719.086	706.267
34.0	811.629	784.116	742.534	710.332	697.201
34.5	804.126	775.987	734.093	701.265	688.134
35.0	796.309	768.171	725.339	692.511	679.067
35.5	788.493	759.730	716.585	683.444	670.000
36.0	780.364	751.601	707.831	674.377	660.934
36.5	772.236	743.160	699.076	665.311	651.867
37.0	764.107	734.405	690.010	656.244	642.800
37.5	755.665	725.964	681.256	647.177	633.733
38.0	747.537	717.523	672.189	638.110	624.667
38.5	738.783	708.768	663.122	628.731	615.600
39.0	730.341	700.014	654.368	619.977	606.533
39.5	721.587	690.948	645.301	610.910	597.779
40.0	712.833	682.194	636.235	601.844	588.712
40.5	704.079	673.439	627.168	592.777	579.646
41.0	695.325	664.373	618.414	583.710	570.892
41.5	686.571	655.619	609.347	574.643	561.825
42.0	677.504	646.552	600.593	565.577	552.758
42.5	668.437	637.798	591.526	556.510	544.004
43.0	659.683	628.731	582.460	547.756	534.937
43.5	650.616	619.664	573.393	538.689	526.183
44.0	641.550	610.910	564.326	529.935	517.116
44.5	632.483	601.844	555.259	521.181	508.362
45.0	623.416	592.777	546.505	512.427	499.921
45.5	614.349	583.710	537.438	503.985	491.167
46.0	604.970	574.331	528.372	495.231	482.725
46.5	595.903	565.264	519.618	486.477	474.284
47.0	586.837	555.885	510.864	478.036	465.843
47.5	577.145	546.818	501.797	469.594	457.401
48.0	567.765	537.751	493.043	461.153	449.272
48.5	558.386	528.684	484.601	452.711	441.144
49.0	549.006	519.305	475.847	444.270	433.015
49.5	539.627	510.238	467.093	436.141	424.886
50.0	530.560	501.172	458.339	427.700	416.757
50.5	521.181	492.105	449.898	419.571	408.628
51.0	512.114	483.038	441.144	411.442	400.812
51.5	502.735	473.971	432.702	403.313	392.996
52.0	493.668	465.217	424.261	395.497	385.180
52.5	484.289	456.463	415.819	387.368	377.364
53.0	475.222	447.396	407.690	379.552	369.860
53.5	466.155	438.642	399.562	372.049	362.357
54.0	457.088	430.201	391.433	364.233	354.853
54.5	448.022	421.447	383.304	356.729	347.350

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CANDELA TABULATION - (Cont.)

55.0	439.268	413.005	375.488	349.538	340.159
55.5	430.514	404.877	367.359	342.035	332.655
56.0	421.447	396.122	359.543	334.844	325.777
56.5	412.693	387.994	352.039	327.653	318.586
57.0	404.251	379.552	344.223	320.462	311.583
57.5	395.497	371.423	336.720	313.584	304.924
58.0	387.056	363.295	329.216	306.643	298.264
58.5	378.302	355.166	321.713	299.796	291.636
59.0	369.860	347.350	314.522	293.012	285.039
59.5	361.731	339.534	307.175	286.227	278.443
60.0	353.290	331.717	299.921	279.474	272.002
60.5	345.161	323.901	292.824	272.940	265.624
61.0	337.032	316.085	285.852	266.343	259.371
61.5	328.904	308.425	278.943	259.903	253.118
62.0	320.775	300.828	272.033	253.431	246.897
62.5	312.646	293.293	265.249	247.084	240.675
63.0	304.674	285.884	258.527	240.769	234.578
63.5	296.670	278.411	251.899	234.578	228.482
64.0	288.697	271.064	245.427	228.544	222.604
64.5	280.850	263.873	238.955	222.573	216.820
65.0	272.971	256.620	232.577	216.695	211.130
65.5	265.249	249.398	226.199	210.880	205.471
66.0	257.589	242.301	219.853	205.158	199.875
66.5	249.898	235.204	213.568	199.468	194.341
67.0	242.394	228.263	207.347	193.841	188.901
67.5	234.953	221.291	201.219	188.275	183.586
68.0	227.419	214.475	195.122	182.679	178.177
68.5	220.040	207.628	189.057	177.083	172.768
69.0	212.787	200.875	183.023	171.486	167.328
69.5	205.596	194.184	176.864	165.890	161.919
70.0	198.593	187.525	170.892	160.387	156.573
70.5	191.683	180.991	165.046	154.979	151.289
71.0	184.836	174.519	159.262	149.632	146.099
71.5	178.083	168.172	153.572	144.349	140.972
72.0	171.393	161.857	147.882	139.159	135.938
72.5	164.733	155.698	142.285	134.000	130.967
73.0	158.261	149.570	136.845	128.935	126.059
73.5	151.821	143.630	131.530	123.964	121.244
74.0	145.474	137.783	126.278	119.087	116.523
74.5	139.284	132.030	121.088	114.272	111.833
75.0	133.156	126.340	115.929	109.520	107.206
75.5	127.122	120.713	110.833	104.830	102.610
76.0	121.182	115.179	105.831	100.203	98.140
76.5	115.335	109.739	100.922	95.670	93.700
77.0	109.582	104.424	96.107	91.199	89.385
77.5	103.924	99.203	91.355	86.853	85.102
78.0	98.390	94.013	86.697	82.539	80.819
78.5	92.918	88.917	82.070	78.224	76.630
79.0	87.572	83.883	77.536	73.972	72.503
79.5	82.351	78.912	73.034	69.814	68.438
80.0	77.286	74.128	68.657	65.781	64.530
80.5	72.378	69.407	64.436	61.810	60.685
81.0	67.594	64.812	60.278	57.902	56.870
81.5	62.873	60.309	56.182	54.088	53.181
82.0	58.246	55.870	52.181	50.305	49.492
82.5	53.650	51.555	48.241	46.616	45.896

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CANDELA TABULATION - (Cont.)

83.0	49.210	47.335	44.427	43.051	42.364
83.5	44.896	43.239	40.675	39.518	38.956
84.0	40.644	39.268	37.017	36.048	35.610
84.5	36.517	35.360	33.453	32.640	32.359
85.0	32.484	31.546	29.951	29.295	29.139
85.5	28.545	27.794	26.481	26.012	26.012
86.0	24.730	24.168	23.105	22.854	22.979
86.5	21.041	20.697	19.884	19.790	20.041
87.0	17.508	17.352	16.758	16.820	17.196
87.5	14.069	14.132	13.694	13.975	14.444
88.0	10.786	11.005	10.786	11.224	11.630
88.5	7.754	8.035	7.879	8.035	8.066
89.0	5.190	5.378	5.346	5.534	5.940
89.5	3.533	3.283	3.439	4.096	4.565
90.0	2.095	1.688	1.907	2.470	2.783
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

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PHOTOMETRIC FILENAME : LRX5-2-L12-835-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-L12-835-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-L12-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	379.68	N.A.	15.80
0-30	786.69	N.A.	32.70
0-40	1242.92	N.A.	51.60
0-60	2011.88	N.A.	83.60
0-80	2373.05	N.A.	98.60
0-90	2407.9	N.A.	100.00
10-90	2308.47	N.A.	95.90
20-40	863.24	N.A.	35.80
20-50	1289.92	N.A.	53.60
40-70	1004.34	N.A.	41.70
60-80	361.18	N.A.	15.00
70-80	125.79	N.A.	5.20
80-90	34.84	N.A.	1.40
90-110	0.06	N.A.	0.00
90-120	0.06	N.A.	0.00
90-130	0.06	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.06	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2407.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	99.43
10-20	280.25
20-30	407.01
30-40	456.23
40-50	426.68
50-60	342.27
60-70	235.39
70-80	125.79
80-90	34.84
90-100	0.06
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-L12-835-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	71	71	71	71	70	70	70	70	67	67	67	64	64	64	61	61	61	60
1	66	63	61	59	64	62	60	58	59	57	56	57	55	54	55	54	53	51
2	60	56	52	49	59	55	51	48	52	49	47	50	48	46	49	47	45	44
3	55	49	45	41	54	48	44	41	47	43	40	45	42	39	44	41	39	37
4	51	44	39	35	50	43	39	35	42	38	35	40	37	34	39	36	34	32
5	47	40	35	31	46	39	34	31	38	34	30	37	33	30	36	32	30	28
6	44	36	31	27	42	35	31	27	34	30	27	33	29	27	32	29	26	25
7	41	33	28	24	40	32	27	24	31	27	24	31	27	24	30	26	24	22
8	38	30	25	22	37	30	25	22	29	25	22	28	24	21	27	24	21	20
9	35	28	23	20	35	27	23	20	27	22	20	26	22	19	25	22	19	18
10	33	26	21	18	33	25	21	18	25	21	18	24	20	18	24	20	18	17

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-2-L12-835-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

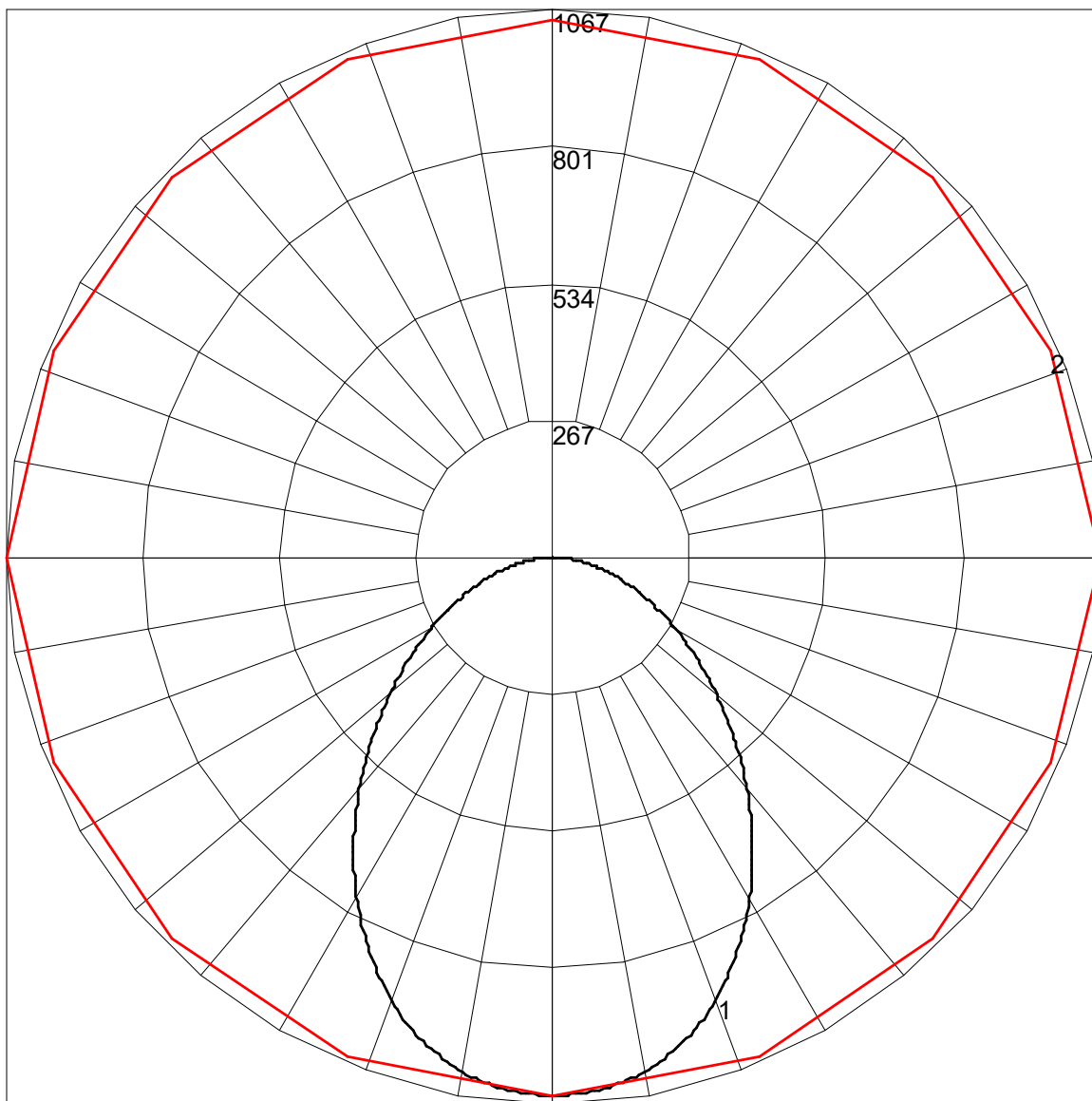
4H	2H	21.8	23.1	22.2	23.4	23.8	20.7	22.0	21.1	22.4	22.8
	3H	23.6	24.7	24.0	25.1	25.5	22.5	23.6	22.9	24.0	24.4
	4H	24.2	25.2	24.7	25.7	26.1	23.1	24.1	23.5	24.5	25.0
	6H	24.8	25.6	25.2	26.1	26.5	23.6	24.5	24.1	25.0	25.4
	8H	24.9	25.7	25.4	26.2	26.7	23.8	24.6	24.3	25.1	25.5
	12H	25.1	25.8	25.5	26.3	26.7	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 = 1067.373 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.)