



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-4-L4-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 31 AUG, 2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX3-4-L4-835-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 met

[MORE] hod 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	1704
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	14.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.02
Spacing Criterion (Diagonal)	1.18
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.94 ft
Luminous Width (90-270)	0.27 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6688	5244	4516
55	5744	4374	3830
65	4785	3698	3312
75	3756	3059	2830
85	2690	2434	2398

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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	808.791	808.791	808.791	808.791	808.791
0.5	820.313	809.234	805.245	808.347	805.245
1.0	820.313	809.234	804.802	808.347	804.802
1.5	820.313	808.791	804.359	807.904	804.802
2.0	819.870	808.347	804.359	807.461	803.916
2.5	819.427	807.904	803.472	806.575	803.472
3.0	818.984	807.461	803.029	806.132	802.586
3.5	818.540	807.018	802.143	805.245	801.257
4.0	817.654	806.132	801.257	803.916	799.927
4.5	817.211	805.245	799.927	802.586	798.598
5.0	816.324	804.359	799.041	801.257	796.825
5.5	815.438	803.472	797.711	799.484	795.052
6.0	814.552	802.143	795.939	797.711	793.279
6.5	813.665	800.813	794.609	795.495	791.064
7.0	812.336	799.927	792.836	793.279	788.848
7.5	811.450	798.154	791.064	791.064	786.189
8.0	810.120	796.825	788.848	788.405	783.530
8.5	808.791	795.495	787.075	785.746	780.871
9.0	807.461	793.723	784.416	782.643	777.768
9.5	806.132	791.950	782.200	779.541	774.666
10.0	804.359	790.177	779.541	776.439	771.121
10.5	802.586	787.961	776.882	773.337	767.575
11.0	800.813	786.189	774.223	769.348	763.587
11.5	799.041	783.973	771.121	765.803	759.598
12.0	796.825	781.314	768.019	761.814	755.167
12.5	794.609	779.098	764.916	757.826	751.178
13.0	792.836	776.439	761.371	753.837	746.746
13.5	790.620	774.223	757.826	749.405	741.871
14.0	787.961	771.121	754.280	744.974	736.997
14.5	785.302	768.462	750.735	740.099	732.122
15.0	783.087	765.803	746.746	735.224	726.804
15.5	780.427	762.701	742.758	730.349	721.485
16.0	777.325	759.598	738.326	725.031	716.167
16.5	774.666	756.053	734.337	719.713	710.406
17.0	771.564	752.951	729.906	714.395	704.645
17.5	768.462	749.405	725.474	708.633	698.884
18.0	765.803	746.303	720.599	702.872	692.236
18.5	762.701	742.315	715.724	696.668	686.032
19.0	759.598	738.769	710.849	690.463	679.384
19.5	756.053	734.781	705.974	684.259	672.293
20.0	752.508	730.792	700.656	677.611	665.203
20.5	748.962	726.804	695.338	670.964	658.112
21.0	745.417	722.815	689.577	663.873	651.021
21.5	741.428	718.383	684.259	657.225	643.487
22.0	737.883	713.952	678.941	650.135	636.396
22.5	733.894	709.520	672.736	642.601	628.862
23.0	729.906	705.088	666.975	635.510	621.328
23.5	725.474	700.213	660.771	628.419	614.238
24.0	721.042	695.338	654.566	621.328	606.704
24.5	716.611	690.463	648.805	613.794	599.170
25.0	712.622	685.588	642.158	606.704	591.193
25.5	707.747	680.714	635.953	599.613	583.659
26.0	703.315	675.396	629.306	592.079	576.125
26.5	698.440	670.077	623.101	584.988	568.591

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CANDELA TABULATION - (Cont.)

27.0	693.566	664.759	616.454	577.897	561.057
27.5	688.691	658.998	609.806	570.364	553.523
28.0	683.816	653.680	603.158	563.273	545.989
28.5	678.498	647.919	596.511	555.739	538.455
29.0	673.623	642.158	589.863	548.648	531.364
29.5	668.305	636.396	583.216	541.114	523.830
30.0	662.987	630.635	576.568	534.023	516.296
30.5	657.669	624.874	569.477	526.489	509.206
31.0	652.351	618.669	562.830	518.955	501.672
31.5	646.589	612.465	555.739	511.865	494.138
32.0	640.828	606.261	548.648	504.331	487.047
32.5	635.067	600.056	541.557	497.240	479.956
33.0	628.862	593.852	534.467	489.706	472.865
33.5	623.101	587.204	527.376	482.615	465.332
34.0	616.897	581.000	520.285	475.081	458.241
34.5	611.135	574.352	513.194	467.547	450.707
35.0	604.931	567.704	505.660	460.457	443.616
35.5	598.283	561.057	498.570	453.366	436.703
36.0	592.079	554.409	491.479	446.275	429.700
36.5	585.431	547.319	484.388	439.096	422.831
37.0	579.227	540.671	477.297	432.049	415.962
37.5	572.579	534.023	470.206	425.180	409.004
38.0	565.932	526.933	463.116	418.311	402.312
38.5	559.284	520.285	456.025	411.575	395.576
39.0	552.637	513.194	449.377	404.883	389.061
39.5	545.989	506.103	442.287	398.235	382.503
40.0	538.898	499.013	435.329	391.676	376.209
40.5	532.251	491.922	428.460	385.162	369.916
41.0	525.160	484.831	421.635	378.780	363.756
41.5	518.512	477.740	414.898	372.443	357.552
42.0	511.422	471.093	408.118	366.194	351.525
42.5	504.331	464.002	401.293	359.945	345.542
43.0	497.683	456.911	394.513	353.696	339.648
43.5	490.592	449.820	387.865	347.625	333.842
44.0	483.502	442.818	381.173	341.553	328.081
44.5	476.411	435.861	374.570	335.571	322.453
45.0	469.320	428.770	368.011	329.632	316.913
45.5	462.229	421.812	361.452	323.826	311.462
46.0	455.139	414.721	355.026	318.065	306.011
46.5	447.605	407.719	348.467	312.393	300.604
47.0	440.514	400.761	342.174	306.764	295.242
47.5	433.290	393.803	335.925	301.225	289.924
48.0	426.155	386.934	329.721	295.729	284.650
48.5	418.976	379.932	323.561	290.323	279.421
49.0	411.619	373.107	317.489	285.004	274.324
49.5	404.351	366.149	311.418	279.775	269.228
50.0	397.039	359.369	305.390	274.546	264.264
50.5	389.859	352.500	299.496	269.449	259.300
51.0	382.591	345.675	293.602	264.353	254.470
51.5	375.545	338.850	287.796	259.300	249.684
52.0	368.543	332.025	282.035	254.337	244.942
52.5	361.452	325.333	276.318	249.418	240.377
53.0	354.627	318.730	270.690	244.543	235.768
53.5	347.581	312.215	265.106	239.712	231.248
54.0	340.667	305.789	259.655	234.926	226.816
54.5	333.754	299.408	254.293	230.140	222.384

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CANDELA TABULATION - (Cont.)

55.0	326.929	293.115	248.975	225.486	217.997
55.5	320.148	286.822	243.701	220.833	213.654
56.0	313.501	280.661	238.471	216.268	209.355
56.5	306.853	274.546	233.331	211.748	205.100
57.0	300.250	268.563	228.278	207.316	200.890
57.5	293.691	262.669	223.315	202.929	196.724
58.0	287.087	256.863	218.440	198.541	192.603
58.5	280.528	251.102	213.565	194.287	188.437
59.0	273.969	245.341	208.779	190.033	184.360
59.5	267.543	239.624	203.992	185.822	180.283
60.0	261.206	233.951	199.251	181.701	176.250
60.5	254.957	228.323	194.597	177.579	172.261
61.0	248.753	222.827	190.033	173.547	168.361
61.5	242.593	217.332	185.556	169.558	164.506
62.0	236.433	211.925	181.080	165.569	160.694
62.5	230.273	206.519	176.604	161.625	156.883
63.0	224.157	201.156	172.217	157.725	153.161
63.5	218.130	195.838	167.874	153.914	149.527
64.0	212.236	190.564	163.619	150.103	145.893
64.5	206.430	185.291	159.365	146.380	142.347
65.0	200.669	180.105	155.111	142.702	138.890
65.5	194.952	175.053	150.856	139.068	135.478
66.0	189.191	170.001	146.690	135.434	132.066
66.5	183.474	165.038	142.569	131.800	128.653
67.0	177.845	160.118	138.492	128.210	125.285
67.5	172.306	155.243	134.503	124.620	121.828
68.0	166.810	150.413	130.514	120.986	118.371
68.5	161.404	145.627	126.526	117.441	114.737
69.0	155.997	140.885	122.537	113.851	111.281
69.5	150.590	136.187	118.549	110.350	107.780
70.0	145.272	131.534	114.693	106.805	104.367
70.5	139.998	126.969	110.838	103.348	101.043
71.0	134.813	122.449	107.115	99.935	97.675
71.5	129.717	118.017	103.392	96.567	94.396
72.0	124.709	113.585	99.670	93.199	91.161
72.5	119.745	109.242	95.991	89.920	87.970
73.0	114.826	104.943	92.402	86.685	84.868
73.5	110.084	100.733	88.856	83.494	81.765
74.0	105.475	96.567	85.399	80.347	78.708
74.5	100.955	92.535	81.987	77.245	75.650
75.0	96.479	88.502	78.575	74.143	72.680
75.5	92.047	84.602	75.206	71.085	69.711
76.0	87.704	80.702	71.883	68.071	66.830
76.5	83.449	76.935	68.647	65.058	63.950
77.0	79.328	73.212	65.412	62.133	61.069
77.5	75.339	69.534	62.266	59.208	58.277
78.0	71.307	65.944	59.119	56.327	55.485
78.5	67.362	62.443	56.017	53.491	52.693
79.0	63.507	58.986	52.959	50.699	49.990
79.5	59.651	55.574	49.990	47.951	47.287
80.0	55.928	52.206	47.065	45.204	44.628
80.5	52.294	48.971	44.273	42.545	42.057
81.0	48.793	45.780	41.525	39.930	39.487
81.5	45.292	42.633	38.778	37.404	37.005
82.0	41.880	39.531	36.074	34.878	34.523
82.5	38.556	36.473	33.415	32.440	32.086

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CANDELA TABULATION - (Cont.)

83.0	35.321	33.548	30.801	30.003	29.737
83.5	32.174	30.668	28.274	27.654	27.388
84.0	29.161	27.831	25.837	25.305	25.128
84.5	26.236	25.084	23.400	23.001	22.912
85.0	23.267	22.380	21.051	20.740	20.740
85.5	20.430	19.721	18.702	18.569	18.658
86.0	17.683	17.106	16.397	16.442	16.530
86.5	15.068	14.625	14.137	14.359	14.536
87.0	12.586	12.276	12.010	12.365	12.630
87.5	10.149	9.971	9.927	10.415	10.769
88.0	7.800	7.756	7.933	8.553	8.863
88.5	5.540	5.717	5.983	6.293	6.204
89.0	3.457	3.723	3.811	4.166	4.387
89.5	1.595	2.127	2.482	3.058	3.412
90.0	0.532	1.064	1.330	1.640	1.817
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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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 : LRX3-4-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 : LRX3-4-L4-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	286.96	N.A.	16.80
0-30	584.03	N.A.	34.30
0-40	905.45	N.A.	53.10
0-60	1431.85	N.A.	84.00
0-80	1679.48	N.A.	98.60
0-90	1704.04	N.A.	100.00
10-90	1628.02	N.A.	95.50
20-40	618.49	N.A.	36.30
20-50	911.72	N.A.	53.50
40-70	687.22	N.A.	40.30
60-80	247.63	N.A.	14.50
70-80	86.80	N.A.	5.10
80-90	24.56	N.A.	1.40
90-110	0.04	N.A.	0.00
90-120	0.04	N.A.	0.00
90-130	0.04	N.A.	0.00
90-150	0.04	N.A.	0.00
90-180	0.04	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1704.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	76.02
10-20	210.94
20-30	297.07
30-40	321.42
40-50	293.23
50-60	233.17
60-70	160.82
70-80	86.80
80-90	24.56
90-100	0.04
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 : LRX3-4-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	50	50	50	50	49	49	49	49	47	47	47	45	45	45	43	43	43	42
1	46	44	43	41	45	43	42	41	42	40	39	40	39	38	38	38	37	36
2	42	39	37	34	41	38	36	34	37	35	33	36	34	32	34	33	32	31
3	39	35	32	29	38	34	31	29	33	30	28	32	30	28	31	29	27	26
4	36	31	28	25	35	31	27	25	30	27	25	29	26	24	28	26	24	23
5	33	28	25	22	32	28	24	22	27	24	22	26	23	21	25	23	21	20
6	31	25	22	19	30	25	22	19	24	21	19	24	21	19	23	21	19	18
7	29	23	20	17	28	23	20	17	22	19	17	22	19	17	21	19	17	16
8	27	21	18	16	26	21	18	16	21	18	15	20	17	15	20	17	15	15
9	25	20	16	14	25	19	16	14	19	16	14	19	16	14	18	16	14	13
10	24	18	15	13	23	18	15	13	18	15	13	17	15	13	17	15	13	12

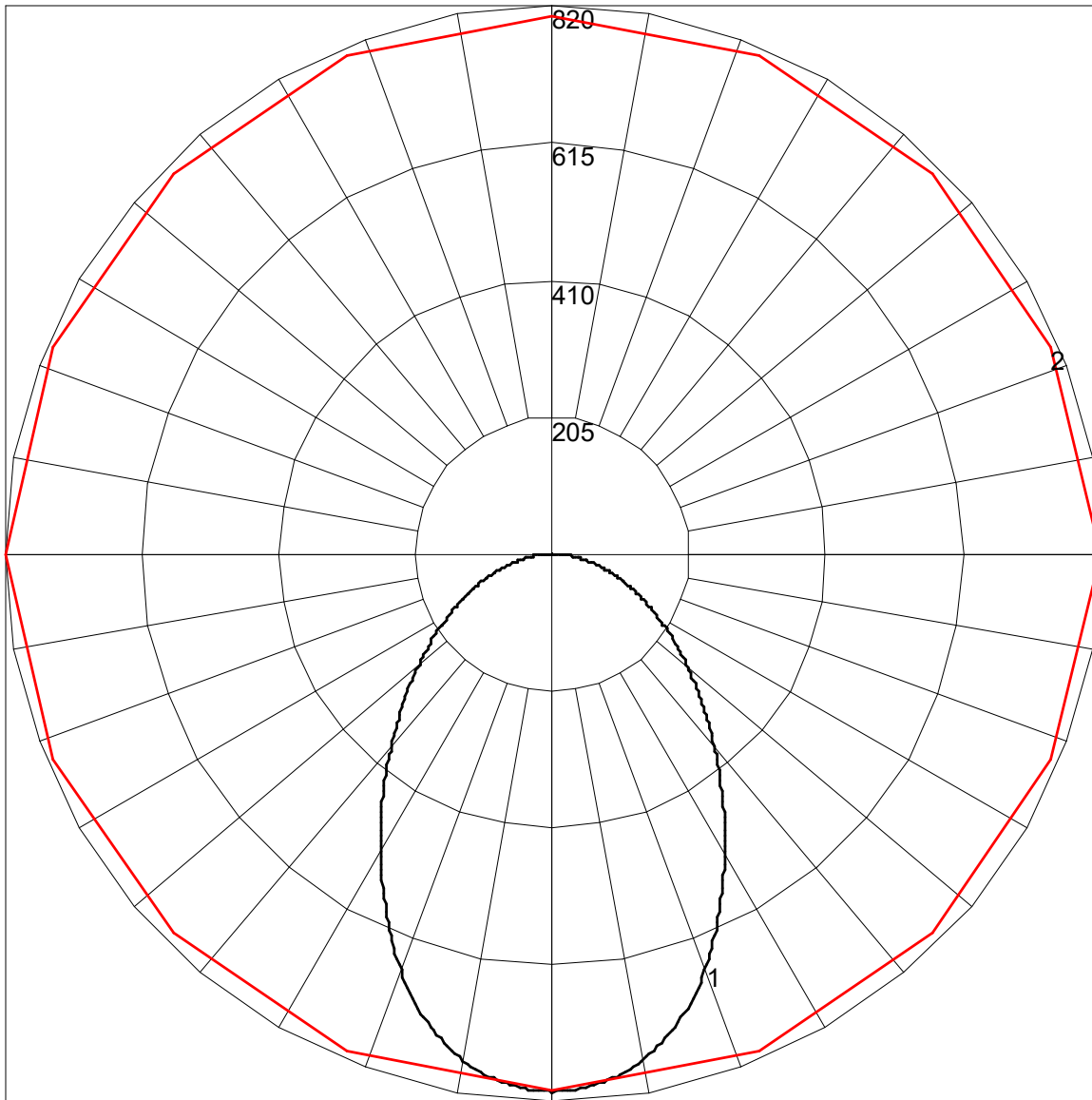
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-4-L4-835-DMA-DIM-UNV_.IES

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	20.8	22.3	21.1	22.6	22.9	18.8	20.3	19.2	20.6	21.0
	3H	22.4	23.7	22.7	24.1	24.4	20.4	21.8	20.8	22.1	22.5
	4H	22.9	24.2	23.3	24.5	24.9	21.0	22.3	21.4	22.6	23.0
	6H	23.3	24.5	23.7	24.9	25.3	21.4	22.6	21.8	23.0	23.4
	8H	23.4	24.6	23.8	25.0	25.4	21.6	22.7	22.0	23.1	23.5
	12H	23.5	24.6	23.9	25.0	25.4	21.7	22.8	22.1	23.2	23.6
4H	2H	21.1	22.4	21.5	22.7	23.1	19.5	20.8	19.9	21.1	21.5
	3H	22.9	24.0	23.3	24.4	24.8	21.3	22.4	21.7	22.8	23.2
	4H	23.6	24.6	24.0	25.0	25.4	22.0	22.9	22.4	23.4	23.8
	6H	24.1	25.0	24.6	25.4	25.9	22.5	23.4	23.0	23.8	24.3
	8H	24.3	25.1	24.7	25.5	26.0	22.7	23.5	23.2	24.0	24.4
	12H	24.4	25.1	24.9	25.6	26.1	22.9	23.6	23.4	24.1	24.5
8H	4H	23.7	24.5	24.2	25.0	25.4	22.3	23.1	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.5	24.1	24.6
	8H	24.6	25.2	25.1	25.7	26.2	23.2	23.8	23.7	24.3	24.8
	12H	24.8	25.3	25.3	25.8	26.4	23.5	24.0	24.0	24.5	25.1
12H	4H	23.8	24.5	24.2	24.9	25.4	22.3	23.0	22.8	23.5	24.0
	6H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.6	24.1	24.6
	8H	24.7	25.2	25.2	25.7	26.3	23.4	23.9	23.9	24.4	24.9

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 820.313 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.)