



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-2-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] 1 SEP, 2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX3-2-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	852
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	7.4
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)	1.94 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	6795	5328	4588
55	5835	4444	3891
65	4861	3758	3365
75	3816	3108	2875
85	2733	2473	2436

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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	404.395	404.395	404.395	404.395	404.395
0.5	410.156	404.617	402.623	404.174	402.623
1.0	410.156	404.617	402.401	404.174	402.401
1.5	410.156	404.395	402.179	403.952	402.401
2.0	409.935	404.174	402.179	403.730	401.958
2.5	409.713	403.952	401.736	403.287	401.736
3.0	409.492	403.730	401.515	403.066	401.293
3.5	409.270	403.509	401.071	402.623	400.628
4.0	408.827	403.066	400.628	401.958	399.963
4.5	408.605	402.623	399.963	401.293	399.299
5.0	408.162	402.179	399.520	400.628	398.412
5.5	407.719	401.736	398.856	399.742	397.526
6.0	407.276	401.071	397.969	398.856	396.640
6.5	406.833	400.407	397.304	397.748	395.532
7.0	406.168	399.963	396.418	396.640	394.424
7.5	405.725	399.077	395.532	395.532	393.094
8.0	405.060	398.412	394.424	394.202	391.765
8.5	404.395	397.748	393.537	392.873	390.435
9.0	403.730	396.861	392.208	391.322	388.884
9.5	403.066	395.975	391.100	389.770	387.333
10.0	402.179	395.089	389.770	388.219	385.560
10.5	401.293	393.981	388.441	386.668	383.788
11.0	400.407	393.094	387.111	384.674	381.793
11.5	399.520	391.986	385.560	382.901	379.799
12.0	398.412	390.657	384.009	380.907	377.583
12.5	397.304	389.549	382.458	378.913	375.589
13.0	396.418	388.219	380.685	376.918	373.373
13.5	395.310	387.111	378.913	374.703	370.936
14.0	393.981	385.560	377.140	372.487	368.498
14.5	392.651	384.231	375.367	370.049	366.061
15.0	391.543	382.901	373.373	367.612	363.402
15.5	390.214	381.350	371.379	365.174	360.743
16.0	388.663	379.799	369.163	362.515	358.084
16.5	387.333	378.026	367.169	359.856	355.203
17.0	385.782	376.475	364.953	357.197	352.322
17.5	384.231	374.703	362.737	354.317	349.442
18.0	382.901	373.152	360.299	351.436	346.118
18.5	381.350	371.157	357.862	348.334	343.016
19.0	379.799	369.385	355.425	345.232	339.692
19.5	378.026	367.390	352.987	342.129	336.147
20.0	376.254	365.396	350.328	338.806	332.601
20.5	374.481	363.402	347.669	335.482	329.056
21.0	372.708	361.407	344.788	331.936	325.510
21.5	370.714	359.192	342.129	328.613	321.743
22.0	368.941	356.976	339.470	325.067	318.198
22.5	366.947	354.760	336.368	321.300	314.431
23.0	364.953	352.544	333.488	317.755	310.664
23.5	362.737	350.107	330.385	314.210	307.119
24.0	360.521	347.669	327.283	310.664	303.352
24.5	358.305	345.232	324.402	306.897	299.585
25.0	356.311	342.794	321.079	303.352	295.596
25.5	353.873	340.357	317.976	299.806	291.829
26.0	351.658	337.698	314.653	296.039	288.062
26.5	349.220	335.039	311.550	292.494	284.295

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CANDELA TABULATION - (Cont.)

27.0	346.783	332.380	308.227	288.949	280.528
27.5	344.345	329.499	304.903	285.182	276.761
28.0	341.908	326.840	301.579	281.636	272.994
28.5	339.249	323.959	298.255	277.869	269.227
29.0	336.811	321.079	294.932	274.324	265.682
29.5	334.152	318.198	291.608	270.557	261.915
30.0	331.493	315.317	288.284	267.012	258.148
30.5	328.834	312.437	284.739	263.245	254.603
31.0	326.175	309.335	281.415	259.478	250.836
31.5	323.295	306.232	277.869	255.932	247.069
32.0	320.414	303.130	274.324	252.165	243.523
32.5	317.533	300.028	270.779	248.620	239.978
33.0	314.431	296.926	267.233	244.853	236.433
33.5	311.550	293.602	263.688	241.308	232.666
34.0	308.448	290.500	260.142	237.541	229.120
34.5	305.568	287.176	256.597	233.774	225.353
35.0	302.465	283.852	252.830	230.228	221.808
35.5	299.142	280.528	249.285	226.683	218.351
36.0	296.039	277.205	245.739	223.138	214.850
36.5	292.716	273.659	242.194	219.548	211.416
37.0	289.613	270.335	238.649	216.025	207.981
37.5	286.290	267.012	235.103	212.590	204.502
38.0	282.966	263.466	231.558	209.155	201.156
38.5	279.642	260.142	228.012	205.787	197.788
39.0	276.318	256.597	224.689	202.441	194.531
39.5	272.994	253.052	221.143	199.118	191.251
40.0	269.449	249.506	217.664	195.838	188.105
40.5	266.125	245.961	214.230	192.581	184.958
41.0	262.580	242.416	210.817	189.390	181.878
41.5	259.256	238.870	207.449	186.221	178.776
42.0	255.711	235.546	204.059	183.097	175.762
42.5	252.165	232.001	200.646	179.972	172.771
43.0	248.842	228.456	197.256	176.848	169.824
43.5	245.296	224.910	193.932	173.812	166.921
44.0	241.751	221.409	190.586	170.777	164.040
44.5	238.205	217.930	187.285	167.785	161.226
45.0	234.660	214.385	184.005	164.816	158.456
45.5	231.115	210.906	180.726	161.913	155.731
46.0	227.569	207.361	177.513	159.033	153.005
46.5	223.802	203.859	174.233	156.196	150.302
47.0	220.257	200.381	171.087	153.382	147.621
47.5	216.645	196.902	167.962	150.612	144.962
48.0	213.077	193.467	164.860	147.865	142.325
48.5	209.488	189.966	161.780	145.161	139.710
49.0	205.809	186.554	158.745	142.502	137.162
49.5	202.175	183.075	155.709	139.887	134.614
50.0	198.519	179.684	152.695	137.273	132.132
50.5	194.930	176.250	149.748	134.725	129.650
51.0	191.296	172.837	146.801	132.176	127.235
51.5	187.772	169.425	143.898	129.650	124.842
52.0	184.271	166.013	141.018	127.168	122.471
52.5	180.726	162.667	138.159	124.709	120.188
53.0	177.313	159.365	135.345	122.271	117.884
53.5	173.790	156.108	132.553	119.856	115.624
54.0	170.333	152.895	129.827	117.463	113.408
54.5	166.877	149.704	127.146	115.070	111.192

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CANDELA TABULATION - (Cont.)

55.0	163.464	146.557	124.487	112.743	108.998
55.5	160.074	143.411	121.850	110.417	106.827
56.0	156.750	140.331	119.236	108.134	104.677
56.5	153.426	137.273	116.665	105.874	102.550
57.0	150.125	134.281	114.139	103.658	100.445
57.5	146.845	131.334	111.657	101.464	98.362
58.0	143.544	128.431	109.220	99.271	96.301
58.5	140.264	125.551	106.782	97.143	94.219
59.0	136.985	122.670	104.389	95.016	92.180
59.5	133.772	119.812	101.996	92.911	90.141
60.0	130.603	116.975	99.625	90.850	88.125
60.5	127.479	114.161	97.299	88.790	86.131
61.0	124.376	111.414	95.016	86.773	84.181
61.5	121.296	108.666	92.778	84.779	82.253
62.0	118.216	105.963	90.540	82.785	80.347
62.5	115.136	103.259	88.302	80.813	78.442
63.0	112.078	100.578	86.108	78.863	76.580
63.5	109.065	97.919	83.937	76.957	74.763
64.0	106.118	95.282	81.810	75.051	72.946
64.5	103.215	92.645	79.682	73.190	71.174
65.0	100.334	90.053	77.555	71.351	69.445
65.5	97.476	87.527	75.428	69.534	67.739
66.0	94.595	85.001	73.345	67.717	66.033
66.5	91.737	82.519	71.284	65.900	64.327
67.0	88.923	80.059	69.246	64.105	62.642
67.5	86.153	77.622	67.251	62.310	60.914
68.0	83.405	75.206	65.257	60.493	59.186
68.5	80.702	72.813	63.263	58.720	57.369
69.0	77.998	70.442	61.269	56.926	55.640
69.5	75.295	68.094	59.274	55.175	53.890
70.0	72.636	65.767	57.347	53.402	52.184
70.5	69.999	63.485	55.419	51.674	50.522
71.0	67.407	61.224	53.557	49.968	48.838
71.5	64.858	59.008	51.696	48.284	47.198
72.0	62.354	56.793	49.835	46.600	45.580
72.5	59.873	54.621	47.996	44.960	43.985
73.0	57.413	52.472	46.201	43.342	42.434
73.5	55.042	50.367	44.428	41.747	40.883
74.0	52.738	48.284	42.700	40.174	39.354
74.5	50.477	46.267	40.993	38.623	37.825
75.0	48.239	44.251	39.287	37.071	36.340
75.5	46.023	42.301	37.603	35.542	34.856
76.0	43.852	40.351	35.941	34.036	33.415
76.5	41.725	38.467	34.324	32.529	31.975
77.0	39.664	36.606	32.706	31.066	30.535
77.5	37.670	34.767	31.133	29.604	29.139
78.0	35.653	32.972	29.560	28.164	27.743
78.5	33.681	31.222	28.009	26.745	26.347
79.0	31.753	29.493	26.480	25.349	24.995
79.5	29.826	27.787	24.995	23.976	23.643
80.0	27.964	26.103	23.532	22.602	22.314
80.5	26.147	24.485	22.136	21.272	21.029
81.0	24.397	22.890	20.763	19.965	19.743
81.5	22.646	21.317	19.389	18.702	18.502
82.0	20.940	19.766	18.037	17.439	17.262
82.5	19.278	18.237	16.708	16.220	16.043

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CANDELA TABULATION - (Cont.)

83.0	17.660	16.774	15.400	15.001	14.868
83.5	16.087	15.334	14.137	13.827	13.694
84.0	14.580	13.916	12.918	12.653	12.564
84.5	13.118	12.542	11.700	11.500	11.456
85.0	11.633	11.190	10.525	10.370	10.370
85.5	10.215	9.861	9.351	9.284	9.329
86.0	8.841	8.553	8.199	8.221	8.265
86.5	7.534	7.312	7.069	7.179	7.268
87.0	6.293	6.138	6.005	6.182	6.315
87.5	5.074	4.986	4.964	5.207	5.385
88.0	3.900	3.878	3.966	4.277	4.432
88.5	2.770	2.858	2.991	3.147	3.102
89.0	1.728	1.861	1.906	2.083	2.194
89.5	0.798	1.064	1.241	1.529	1.706
90.0	0.266	0.532	0.665	0.820	0.909
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 : LRX3-2-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 : LRX3-2-L4-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	143.48	N.A.	16.80
0-30	292.02	N.A.	34.30
0-40	452.73	N.A.	53.10
0-60	715.93	N.A.	84.00
0-80	839.74	N.A.	98.60
0-90	852.02	N.A.	100.00
10-90	814.01	N.A.	95.50
20-40	309.25	N.A.	36.30
20-50	455.86	N.A.	53.50
40-70	343.61	N.A.	40.30
60-80	123.81	N.A.	14.50
70-80	43.40	N.A.	5.10
80-90	12.28	N.A.	1.40
90-110	0.02	N.A.	0.00
90-120	0.02	N.A.	0.00
90-130	0.02	N.A.	0.00
90-150	0.02	N.A.	0.00
90-180	0.02	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	852.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	38.01
10-20	105.47
20-30	148.54
30-40	160.71
40-50	146.61
50-60	116.59
60-70	80.41
70-80	43.40
80-90	12.28
90-100	0.02
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 : LRX3-2-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	26	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 : LRX3-2-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

X=2H	Y=2H	20.8	22.4	21.2	22.7	23.0	18.9	20.4	19.2	20.7	21.0
	3H	22.4	23.8	22.8	24.1	24.5	20.5	21.8	20.8	22.2	22.5
	4H	23.0	24.3	23.4	24.6	25.0	21.0	22.3	21.4	22.7	23.1
	6H	23.4	24.6	23.8	24.9	25.3	21.5	22.7	21.9	23.1	23.4
	8H	23.5	24.6	23.9	25.0	25.4	21.6	22.8	22.1	23.2	23.6
	12H	23.6	24.7	24.0	25.0	25.5	21.7	22.8	22.2	23.2	23.6

UGR Viewed Endwise

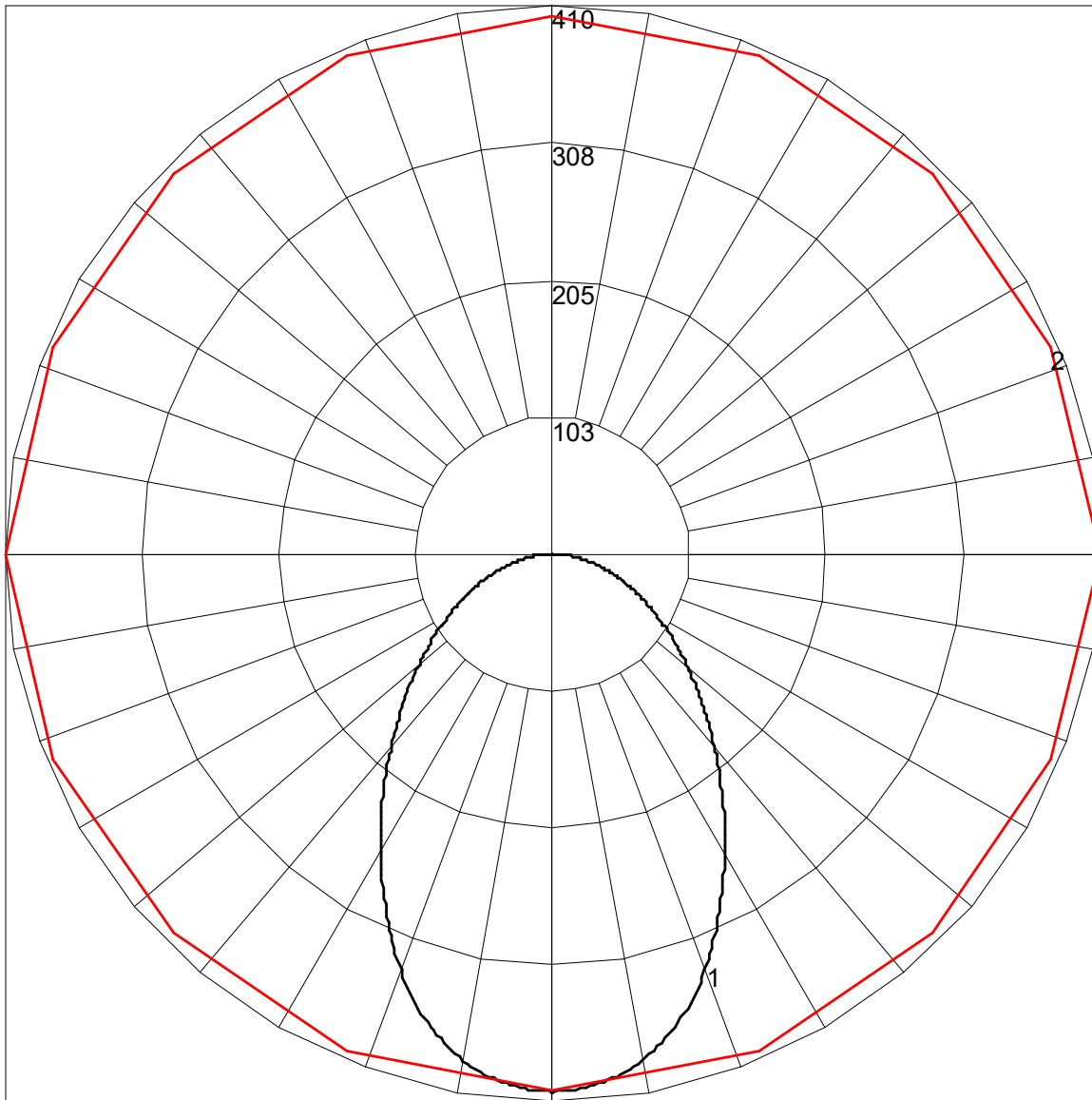
4H	2H	21.2	22.5	21.6	22.8	23.2	19.5	20.8	19.9	21.2	21.6
	3H	23.0	24.0	23.4	24.4	24.8	21.3	22.4	21.8	22.8	23.2
	4H	23.6	24.6	24.1	25.0	25.5	22.0	23.0	22.5	23.4	23.9
	6H	24.2	25.0	24.6	25.5	25.9	22.6	23.4	23.1	23.9	24.4
	8H	24.4	25.1	24.8	25.6	26.1	22.8	23.6	23.3	24.0	24.5
	12H	24.5	25.2	25.0	25.7	26.1	23.0	23.7	23.4	24.1	24.6

8H	4H	23.8	24.6	24.3	25.0	25.5	22.4	23.2	22.8	23.6	24.1
	6H	24.4	25.1	24.9	25.6	26.1	23.0	23.7	23.5	24.2	24.7
	8H	24.7	25.3	25.2	25.8	26.3	23.3	23.9	23.8	24.4	24.9
	12H	24.9	25.4	25.4	25.9	26.5	23.5	24.1	24.1	24.6	25.1

12H	4H	23.8	24.5	24.3	25.0	25.5	22.4	23.1	22.9	23.6	24.1
	6H	24.5	25.1	25.0	25.5	26.1	23.1	23.7	23.6	24.2	24.7
	8H	24.8	25.3	25.3	25.8	26.3	23.4	24.0	23.9	24.4	25.0

Maximum UGR = 26.5

POLAR GRAPH



Maximum Candela = 410.156 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.)