



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-2-L8-835-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-L8-835-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	1609
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	13.9
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	12832	10062	8665
55	11020	8392	7348
65	9180	7096	6354
75	7207	5870	5429
85	5161	4670	4601

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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	763.700	763.700	763.700	763.700	763.700
0.5	774.580	764.118	760.352	763.281	760.352
1.0	774.580	764.118	759.933	763.281	759.933
1.5	774.580	763.700	759.515	762.863	759.933
2.0	774.161	763.281	759.515	762.444	759.096
2.5	773.743	762.863	758.678	761.607	758.678
3.0	773.324	762.444	758.259	761.189	757.841
3.5	772.906	762.026	757.423	760.352	756.586
4.0	772.069	761.189	756.586	759.096	755.330
4.5	771.650	760.352	755.330	757.841	754.075
5.0	770.813	759.515	754.493	756.586	752.401
5.5	769.977	758.678	753.238	754.912	750.727
6.0	769.140	757.423	751.564	753.238	749.053
6.5	768.303	756.167	750.309	751.146	746.961
7.0	767.047	755.330	748.635	749.053	744.869
7.5	766.210	753.656	746.961	746.961	742.358
8.0	764.955	752.401	744.869	744.450	739.847
8.5	763.700	751.146	743.195	741.939	737.336
9.0	762.444	749.472	740.684	739.010	734.407
9.5	761.189	747.798	738.592	736.081	731.478
10.0	759.515	746.124	736.081	733.152	728.130
10.5	757.841	744.032	733.570	730.222	724.782
11.0	756.167	742.358	731.059	726.456	721.016
11.5	754.493	740.265	728.130	723.108	717.250
12.0	752.401	737.755	725.201	719.342	713.065
12.5	750.309	735.662	722.271	715.576	709.299
13.0	748.635	733.152	718.924	711.810	705.114
13.5	746.542	731.059	715.576	707.625	700.511
14.0	744.032	728.130	712.228	703.440	695.908
14.5	741.521	725.619	708.881	698.837	691.305
15.0	739.429	723.108	705.114	694.234	686.283
15.5	736.918	720.179	701.348	689.631	681.262
16.0	733.988	717.250	697.164	684.610	676.240
16.5	731.478	713.902	693.397	679.588	670.800
17.0	728.548	710.973	689.213	674.566	665.360
17.5	725.619	707.625	685.028	669.126	659.920
18.0	723.108	704.696	680.425	663.686	653.643
18.5	720.179	700.930	675.822	657.828	647.785
19.0	717.250	697.582	671.219	651.969	641.508
19.5	713.902	693.816	666.616	646.111	634.812
20.0	710.554	690.050	661.594	639.834	628.117
20.5	707.207	686.283	656.572	633.557	621.421
21.0	703.859	682.517	651.132	626.861	614.726
21.5	700.093	678.333	646.111	620.584	607.612
22.0	696.745	674.148	641.089	613.889	600.916
22.5	692.979	669.963	635.231	606.775	593.803
23.0	689.213	665.779	629.791	600.080	586.689
23.5	685.028	661.175	623.932	593.384	579.993
24.0	680.843	656.572	618.074	586.689	572.879
24.5	676.659	651.969	612.633	579.575	565.765
25.0	672.893	647.366	606.357	572.879	558.233
25.5	668.289	642.763	600.498	566.184	551.119
26.0	664.105	637.741	594.221	559.070	544.005
26.5	659.502	632.720	588.362	552.374	536.891

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CANDELA TABULATION - (Cont.)

27.0	654.898	627.698	582.086	545.679	529.777
27.5	650.295	622.258	575.809	538.565	522.663
28.0	645.692	617.237	569.532	531.870	515.549
28.5	640.671	611.797	563.255	524.756	508.436
29.0	636.068	606.357	556.978	518.060	501.740
29.5	631.046	600.916	550.701	510.946	494.626
30.0	626.024	595.476	544.424	504.251	487.512
30.5	621.003	590.036	537.728	497.137	480.817
31.0	615.981	584.178	531.451	490.023	473.703
31.5	610.541	578.319	524.756	483.328	466.589
32.0	605.101	572.461	518.060	476.214	459.894
32.5	599.661	566.602	511.365	469.518	453.198
33.0	593.803	560.744	504.669	462.404	446.503
33.5	588.362	554.467	497.974	455.709	439.389
34.0	582.504	548.608	491.278	448.595	432.693
34.5	577.064	542.331	484.583	441.481	425.579
35.0	571.205	536.054	477.469	434.786	418.884
35.5	564.928	529.777	470.774	428.090	412.356
36.0	559.070	523.500	464.078	421.395	405.744
36.5	552.793	516.805	457.383	414.616	399.258
37.0	546.934	510.528	450.687	407.962	392.772
37.5	540.657	504.251	443.992	401.476	386.202
38.0	534.380	497.555	437.296	394.990	379.883
38.5	528.103	491.278	430.601	388.629	373.522
39.0	521.826	484.583	424.324	382.310	367.371
39.5	515.549	477.888	417.629	376.033	361.178
40.0	508.854	471.192	411.059	369.840	355.235
40.5	502.577	464.497	404.572	363.688	349.293
41.0	495.882	457.801	398.128	357.662	343.476
41.5	489.605	451.106	391.767	351.678	337.618
42.0	482.909	444.829	385.365	345.778	331.927
42.5	476.214	438.133	378.921	339.878	326.278
43.0	469.937	431.438	372.518	333.977	320.712
43.5	463.241	424.742	366.241	328.244	315.230
44.0	456.546	418.131	359.922	322.511	309.790
44.5	449.850	411.561	353.687	316.862	304.475
45.0	443.155	404.865	347.494	311.255	299.245
45.5	436.460	398.295	341.300	305.773	294.098
46.0	429.764	391.600	335.233	300.333	288.950
46.5	422.650	384.988	329.039	294.976	283.845
47.0	415.955	378.418	323.097	289.662	278.782
47.5	409.134	371.848	317.197	284.431	273.760
48.0	402.396	365.362	311.338	279.242	268.780
48.5	395.617	358.750	305.522	274.137	263.842
49.0	388.671	352.306	299.789	269.115	259.030
49.5	381.808	345.736	294.056	264.177	254.218
50.0	374.903	339.334	288.365	259.239	249.531
50.5	368.124	332.847	282.799	254.427	244.844
51.0	361.261	326.403	277.233	249.615	240.283
51.5	354.608	319.959	271.751	244.844	235.763
52.0	347.996	313.514	266.311	240.157	231.286
52.5	341.300	307.196	260.913	235.512	226.976
53.0	334.856	300.960	255.599	230.909	222.624
53.5	328.202	294.809	250.326	226.348	218.355
54.0	321.674	288.741	245.179	221.829	214.171
54.5	315.146	282.715	240.116	217.309	209.986

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CANDELA TABULATION - (Cont.)

55.0	308.702	276.773	235.094	212.915	205.843
55.5	302.299	270.831	230.114	208.521	201.742
56.0	296.022	265.014	225.176	204.211	197.683
56.5	289.746	259.239	220.322	199.943	193.666
57.0	283.510	253.590	215.552	195.758	189.690
57.5	277.317	248.024	210.865	191.615	185.757
58.0	271.082	242.543	206.262	187.473	181.865
58.5	264.889	237.103	201.659	183.455	177.932
59.0	258.695	231.662	197.139	179.438	174.082
59.5	252.628	226.264	192.620	175.463	170.232
60.0	246.644	220.908	188.142	171.571	166.424
60.5	240.743	215.593	183.748	167.679	162.658
61.0	234.885	210.404	179.438	163.871	158.975
61.5	229.068	205.215	175.212	160.105	155.334
62.0	223.251	200.110	170.985	156.339	151.736
62.5	217.435	195.005	166.758	152.614	148.137
63.0	211.660	189.941	162.616	148.932	144.622
63.5	205.969	184.920	158.515	145.333	141.190
64.0	200.403	179.940	154.497	141.734	137.759
64.5	194.921	174.960	150.480	138.219	134.411
65.0	189.481	170.064	146.463	134.746	131.147
65.5	184.083	165.294	142.446	131.314	127.925
66.0	178.643	160.523	138.512	127.883	124.703
66.5	173.245	155.837	134.620	124.452	121.481
67.0	167.930	151.192	130.770	121.062	118.300
67.5	162.699	146.588	127.004	117.672	115.036
68.0	157.510	142.027	123.238	114.241	111.772
68.5	152.405	137.508	119.472	110.893	108.341
69.0	147.300	133.030	115.706	107.504	105.077
69.5	142.195	128.594	111.940	104.198	101.771
70.0	137.173	124.201	108.299	100.850	98.549
70.5	132.193	119.890	104.658	97.586	95.410
71.0	127.297	115.622	101.143	94.364	92.230
71.5	122.485	111.437	97.628	91.184	89.133
72.0	117.756	107.253	94.113	88.003	86.078
72.5	113.069	103.152	90.640	84.907	83.065
73.0	108.424	99.093	87.250	81.852	80.136
73.5	103.947	95.117	83.902	78.839	77.207
74.0	99.595	91.184	80.638	75.868	74.319
74.5	95.326	87.376	77.416	72.939	71.432
75.0	91.100	83.568	74.194	70.009	68.628
75.5	86.915	79.885	71.014	67.122	65.825
76.0	82.814	76.203	67.875	64.276	63.105
76.5	78.797	72.646	64.820	61.431	60.385
77.0	74.905	69.130	61.766	58.669	57.665
77.5	71.139	65.657	58.794	55.907	55.028
78.0	67.331	62.268	55.823	53.187	52.392
78.5	63.607	58.962	52.894	50.509	49.756
79.0	59.966	55.698	50.007	47.872	47.203
79.5	56.325	52.476	47.203	45.278	44.650
80.0	52.810	49.295	44.441	42.683	42.139
80.5	49.379	46.240	41.805	40.173	39.712
81.0	46.073	43.227	39.210	37.704	37.285
81.5	42.767	40.256	36.616	35.318	34.942
82.0	39.545	37.327	34.063	32.933	32.598
82.5	36.406	34.440	31.552	30.632	30.297

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CANDELA TABULATION - (Cont.)

83.0	33.352	31.678	29.083	28.330	28.079
83.5	30.381	28.958	26.698	26.112	25.861
84.0	27.535	26.280	24.397	23.894	23.727
84.5	24.773	23.685	22.095	21.718	21.635
85.0	21.969	21.133	19.877	19.584	19.584
85.5	19.291	18.622	17.659	17.534	17.617
86.0	16.697	16.153	15.483	15.525	15.609
86.5	14.228	13.809	13.349	13.558	13.726
87.0	11.884	11.591	11.340	11.675	11.926
87.5	9.583	9.415	9.374	9.834	10.169
88.0	7.365	7.323	7.491	8.076	8.369
88.5	5.231	5.398	5.649	5.942	5.859
89.0	3.264	3.515	3.599	3.934	4.143
89.5	1.506	2.009	2.343	2.887	3.222
90.0	0.502	1.004	1.255	1.548	1.716
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-L8-835-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-L8-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	270.96	N.A.	16.80
0-30	551.47	N.A.	34.30
0-40	854.97	N.A.	53.10
0-60	1352.02	N.A.	84.00
0-80	1585.84	N.A.	98.60
0-90	1609.04	N.A.	100.00
10-90	1537.26	N.A.	95.50
20-40	584.01	N.A.	36.30
20-50	860.89	N.A.	53.50
40-70	648.91	N.A.	40.30
60-80	233.82	N.A.	14.50
70-80	81.96	N.A.	5.10
80-90	23.19	N.A.	1.40
90-110	0.03	N.A.	0.00
90-120	0.03	N.A.	0.00
90-130	0.03	N.A.	0.00
90-150	0.03	N.A.	0.00
90-180	0.03	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1609.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	71.78
10-20	199.18
20-30	280.51
30-40	303.50
40-50	276.88
50-60	220.17
60-70	151.86
70-80	81.96
80-90	23.19
90-100	0.03
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-L8-835-DMA-DIM-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	95	95	95	95	92	92	92	92	88	88	88	85	85	85	81	81	81	79
1	87	84	81	78	85	82	79	77	79	76	74	76	74	72	73	71	70	68
2	80	74	69	65	78	72	68	64	70	66	63	67	64	61	65	62	60	58
3	74	66	60	55	72	64	59	54	62	57	53	60	56	53	58	55	52	50
4	68	59	52	47	66	58	52	47	56	51	46	54	49	46	52	48	45	44
5	63	53	46	41	61	52	46	41	51	45	41	49	44	40	48	43	40	38
6	58	48	41	37	57	47	41	36	46	40	36	45	40	36	43	39	36	34
7	54	44	37	33	53	43	37	33	42	37	32	41	36	32	40	35	32	30
8	51	40	34	30	49	40	34	29	39	33	29	38	33	29	37	32	29	27
9	47	37	31	27	46	37	31	27	36	30	27	35	30	26	34	30	26	25
10	45	35	29	25	44	34	28	24	33	28	24	33	28	24	32	27	24	23

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-2-L8-835-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

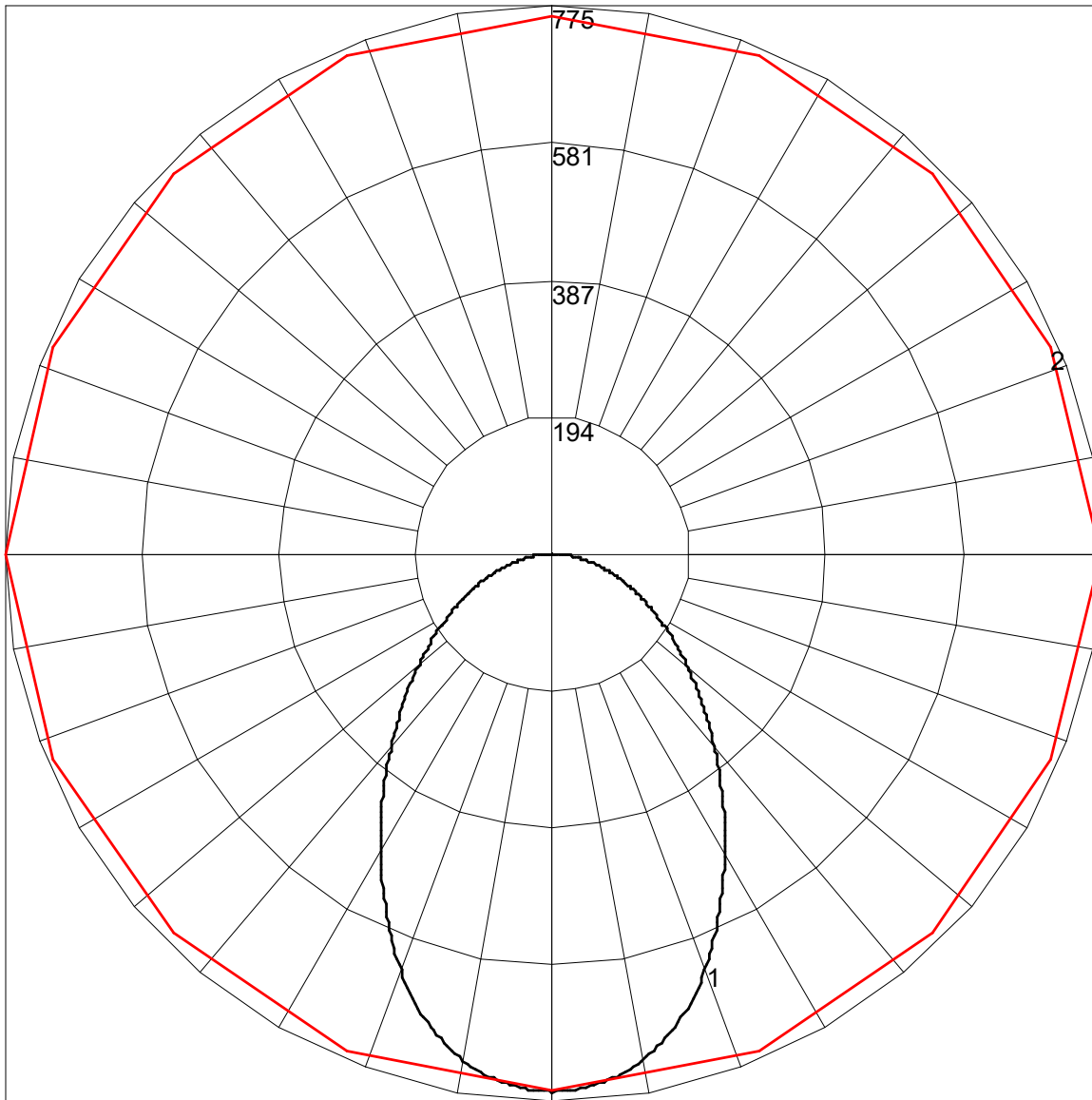
4H	2H	21.2	22.5	21.6	22.8	23.2	19.5	20.8	19.9	21.2	21.6
	3H	23.0	24.0	23.4	24.4	24.8	21.3	22.4	21.8	22.8	23.2
	4H	23.6	24.6	24.1	25.0	25.5	22.0	23.0	22.5	23.4	23.9
	6H	24.2	25.0	24.6	25.5	25.9	22.6	23.4	23.1	23.9	24.4
	8H	24.4	25.1	24.8	25.6	26.1	22.8	23.6	23.3	24.0	24.5
	12H	24.5	25.2	25.0	25.7	26.1	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 = 774.58 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.)