



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-2-L8-835-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-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 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	1606
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	12.8
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	7449	6530	5974
55	6471	5531	5011
65	5457	4650	4221
75	4347	3785	3500
85	3149	2904	2825

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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	702.911	702.911	702.911	702.911	702.911
0.5	711.878	703.120	699.992	702.286	700.826
1.0	711.878	702.911	699.784	702.286	700.618
1.5	711.461	702.703	699.784	702.077	700.409
2.0	711.252	702.494	699.367	701.869	700.201
2.5	710.835	702.077	698.950	701.452	699.784
3.0	710.418	701.660	698.533	701.035	699.158
3.5	710.001	701.243	698.116	700.618	698.741
4.0	709.584	700.618	697.490	699.992	697.907
4.5	708.958	699.992	696.864	699.158	697.073
5.0	708.333	699.158	696.030	698.324	696.030
5.5	707.499	698.533	695.196	697.281	694.988
6.0	706.665	697.699	694.154	696.239	693.737
6.5	706.039	696.656	693.111	694.988	692.486
7.0	704.997	695.613	692.069	693.737	691.234
7.5	703.954	694.571	690.817	692.277	689.775
8.0	702.911	693.528	689.566	690.817	688.315
8.5	701.869	692.277	688.107	689.149	686.647
9.0	700.618	691.026	686.647	687.273	684.770
9.5	699.367	689.775	684.979	685.396	682.894
10.0	698.116	688.315	683.311	683.519	680.809
10.5	696.656	686.856	681.434	681.434	678.515
11.0	695.196	685.187	679.558	679.141	676.221
11.5	693.737	683.519	677.681	676.847	673.719
12.0	692.069	681.851	675.387	674.553	671.008
12.5	690.400	679.975	673.302	671.842	668.506
13.0	688.524	678.098	671.008	669.340	665.587
13.5	686.647	676.013	668.715	666.629	662.876
14.0	684.770	673.928	666.421	663.710	659.957
14.5	682.685	671.842	663.919	660.791	656.829
15.0	680.600	669.549	661.208	657.872	653.701
15.5	678.515	667.255	658.497	654.744	650.574
16.0	676.221	664.753	655.578	651.408	647.237
16.5	673.719	662.251	652.659	648.071	643.693
17.0	671.217	659.748	649.531	644.735	639.939
17.5	668.715	657.038	646.403	641.190	636.186
18.0	666.212	654.327	643.276	637.437	632.224
18.5	663.502	651.408	639.939	633.475	628.262
19.0	660.791	648.488	636.394	629.513	624.092
19.5	658.080	645.569	632.850	625.343	619.713
20.0	655.161	642.441	629.305	620.964	615.126
20.5	652.242	639.314	625.552	616.585	610.538
21.0	649.114	636.186	621.798	611.998	605.742
21.5	645.986	632.850	618.045	607.202	600.947
22.0	642.650	629.513	613.875	602.406	596.151
22.5	639.522	625.969	609.913	597.610	591.355
23.0	635.977	622.424	605.742	592.814	586.350
23.5	632.641	618.671	601.364	587.810	581.137
24.0	629.096	614.917	596.985	582.806	576.133
24.5	625.552	610.955	592.606	577.801	570.920
25.0	621.590	606.994	588.018	572.797	565.707
25.5	617.836	603.032	583.431	567.792	560.286
26.0	614.083	598.861	578.635	562.788	554.864
26.5	610.121	594.691	573.839	557.575	549.651

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PHOTOMETRIC FILENAME : LRX5-2-L8-835-S-DMA-DRV-UNV.IES

CANDELA TABULATION - (Cont.)

27.0	605.951	590.521	569.043	552.362	544.438
27.5	601.781	586.142	564.248	547.149	539.017
28.0	597.610	581.554	559.243	541.936	533.595
28.5	593.231	576.967	554.239	536.515	528.174
29.0	588.853	572.380	549.234	531.093	522.753
29.5	584.474	567.792	544.021	525.672	517.331
30.0	579.886	562.996	538.808	520.042	511.701
30.5	575.299	558.201	533.595	514.412	506.280
31.0	570.712	553.405	528.383	508.782	500.441
31.5	565.916	548.609	522.961	503.152	494.811
32.0	561.120	543.604	517.540	497.314	488.973
32.5	556.324	538.600	512.118	491.475	483.134
33.0	551.319	533.387	506.488	485.637	477.087
33.5	546.524	528.174	500.858	479.590	471.040
34.0	541.311	522.961	495.228	473.751	464.993
34.5	536.306	517.540	489.598	467.704	458.946
35.0	531.093	512.327	483.760	461.866	452.899
35.5	525.880	506.697	477.921	455.819	446.852
36.0	520.459	501.275	472.083	449.772	440.805
36.5	515.037	495.645	466.244	443.725	434.758
37.0	509.616	489.807	460.197	437.678	428.711
37.5	503.986	484.177	454.359	431.631	422.664
38.0	498.565	478.547	448.312	425.584	416.617
38.5	492.726	472.708	442.265	419.328	410.570
39.0	487.096	466.870	436.426	413.490	404.523
39.5	481.258	460.823	430.379	407.443	398.685
40.0	475.419	454.985	424.332	401.396	392.638
40.5	469.581	449.146	418.285	395.349	386.591
41.0	463.742	443.099	412.447	389.302	380.752
41.5	457.904	437.261	406.400	383.255	374.705
42.0	451.857	431.214	400.562	377.208	368.658
42.5	445.810	425.375	394.515	371.161	362.820
43.0	439.971	419.328	388.468	365.322	356.773
43.5	433.924	413.281	382.421	359.275	350.934
44.0	427.877	407.443	376.374	353.437	344.887
44.5	421.830	401.396	370.327	347.598	339.049
45.0	415.783	395.349	364.488	341.760	333.419
45.5	409.736	389.302	358.441	336.130	327.581
46.0	403.481	383.046	352.394	330.291	321.951
46.5	397.434	376.999	346.556	324.453	316.321
47.0	391.387	370.744	340.717	318.823	310.691
47.5	384.923	364.697	334.670	313.193	305.061
48.0	378.667	358.650	328.832	307.563	299.639
48.5	372.412	352.603	323.202	301.933	294.218
49.0	366.156	346.347	317.363	296.303	288.796
49.5	359.901	340.300	311.525	290.881	283.375
50.0	353.854	334.253	305.686	285.252	277.953
50.5	347.598	328.206	300.056	279.830	272.532
51.0	341.551	322.159	294.218	274.409	267.319
51.5	335.296	316.112	288.588	268.987	262.106
52.0	329.249	310.274	282.958	263.774	256.893
52.5	322.993	304.435	277.328	258.353	251.680
53.0	316.946	298.388	271.906	253.140	246.676
53.5	310.899	292.550	266.485	248.135	241.671
54.0	304.852	286.920	261.064	242.923	236.667
54.5	298.805	281.081	255.642	237.918	231.663

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CANDELA TABULATION - (Cont.)

55.0	292.967	275.451	250.429	233.122	226.867
55.5	287.128	270.030	245.008	228.118	221.862
56.0	281.081	264.191	239.795	223.322	217.275
56.5	275.243	258.770	234.790	218.526	212.479
57.0	269.613	253.140	229.577	213.730	207.808
57.5	263.774	247.718	224.573	209.143	203.367
58.0	258.144	242.297	219.569	204.514	198.925
58.5	252.306	236.876	214.564	199.947	194.505
59.0	246.676	231.663	209.768	195.422	190.105
59.5	241.254	226.450	204.868	190.897	185.705
60.0	235.624	221.237	200.031	186.394	181.410
60.5	230.203	216.024	195.297	182.036	177.156
61.0	224.782	210.811	190.647	177.636	172.986
61.5	219.360	205.702	186.039	173.340	168.816
62.0	213.939	200.635	181.431	169.024	164.666
62.5	208.517	195.610	176.906	164.791	160.517
63.0	203.200	190.668	172.423	160.579	156.450
63.5	197.862	185.685	168.002	156.450	152.384
64.0	192.545	180.784	163.686	152.426	148.464
64.5	187.311	175.989	159.370	148.443	144.607
65.0	182.056	171.151	155.116	144.523	140.812
65.5	176.906	166.334	150.862	140.645	137.037
66.0	171.797	161.601	146.629	136.829	133.305
66.5	166.668	156.867	142.438	133.034	129.614
67.0	161.663	152.238	138.289	129.281	125.986
67.5	156.701	147.588	134.202	125.569	122.441
68.0	151.675	143.043	130.136	121.837	118.834
68.5	146.754	138.476	126.090	118.104	115.227
69.0	141.917	133.972	122.066	114.372	111.598
69.5	137.121	129.510	117.958	110.639	107.991
70.0	132.450	125.069	113.975	106.969	104.425
70.5	127.842	120.711	110.076	103.362	100.901
71.0	123.275	116.394	106.219	99.796	97.440
71.5	118.771	112.161	102.424	96.272	94.020
72.0	114.309	107.949	98.629	92.811	90.663
72.5	109.868	103.842	94.896	89.370	87.348
73.0	105.551	99.755	91.268	85.992	84.074
73.5	101.256	95.793	87.723	82.677	80.863
74.0	97.023	91.894	84.220	79.424	77.714
74.5	92.894	88.057	80.759	76.213	74.587
75.0	88.807	84.262	77.318	73.044	71.501
75.5	84.783	80.508	73.919	69.916	68.435
76.0	80.821	76.818	70.583	66.830	65.454
76.5	76.922	73.190	67.309	63.806	62.493
77.0	73.085	69.645	64.098	60.824	59.615
77.5	69.311	66.163	60.929	57.926	56.758
78.0	65.620	62.701	57.822	55.049	53.902
78.5	61.971	59.302	54.736	52.171	51.108
79.0	58.406	55.945	51.712	49.335	48.355
79.5	54.923	52.630	48.710	46.562	45.644
80.0	51.545	49.439	45.790	43.872	43.038
80.5	48.272	46.291	42.975	41.224	40.473
81.0	45.081	43.226	40.202	38.617	37.929
81.5	41.933	40.223	37.471	36.073	35.469
82.0	38.847	37.262	34.802	33.550	33.008
82.5	35.782	34.384	32.174	31.090	30.610

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CANDELA TABULATION - (Cont.)

83.0	32.821	31.570	29.630	28.713	28.254
83.5	29.943	28.838	27.128	26.357	25.981
84.0	27.107	26.190	24.688	24.042	23.750
84.5	24.355	23.583	22.311	21.769	21.582
85.0	21.665	21.039	19.976	19.538	19.434
85.5	19.038	18.537	17.661	17.349	17.349
86.0	16.494	16.118	15.409	15.243	15.326
86.5	14.033	13.804	13.262	13.199	13.366
87.0	11.677	11.573	11.177	11.218	11.468
87.5	9.383	9.425	9.133	9.321	9.633
88.0	7.194	7.340	7.194	7.486	7.757
88.5	5.171	5.359	5.255	5.359	5.380
89.0	3.461	3.586	3.566	3.691	3.962
89.5	2.356	2.189	2.294	2.732	3.044
90.0	1.397	1.126	1.272	1.647	1.856
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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PHOTOMETRIC FILENAME : LRX5-2-L8-835-S-DMA-DRV-UNV.IES

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
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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 : LRX5-2-L8-835-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-L8-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	253.22	N.A.	15.80
0-30	524.68	N.A.	32.70
0-40	828.96	N.A.	51.60
0-60	1341.81	N.A.	83.60
0-80	1582.69	N.A.	98.60
0-90	1605.93	N.A.	100.00
10-90	1539.62	N.A.	95.90
20-40	575.73	N.A.	35.80
20-50	860.31	N.A.	53.60
40-70	669.84	N.A.	41.70
60-80	240.89	N.A.	15.00
70-80	83.90	N.A.	5.20
80-90	23.24	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	1605.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	66.31
10-20	186.91
20-30	271.45
30-40	304.28
40-50	284.57
50-60	228.28
60-70	156.99
70-80	83.90
80-90	23.24
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 : LRX5-2-L8-835-S-DMA-DRV-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	48	48	48	48	47	47	47	47	44	44	44	43	43	43	41	41	41	40
1	44	42	41	39	43	41	40	38	40	38	37	38	37	36	37	36	35	34
2	40	37	35	32	39	36	34	32	35	33	31	34	32	31	32	31	30	29
3	37	33	30	27	36	32	29	27	31	29	27	30	28	26	29	27	26	25
4	34	29	26	24	33	29	26	23	28	25	23	27	25	23	26	24	22	22
5	31	26	23	21	31	26	23	20	25	22	20	24	22	20	24	22	20	19
6	29	24	21	18	28	24	20	18	23	20	18	22	20	18	22	19	18	17
7	27	22	18	16	26	22	18	16	21	18	16	20	18	16	20	17	16	15
8	25	20	17	14	25	20	17	14	19	16	14	19	16	14	18	16	14	13
9	24	18	15	13	23	18	15	13	18	15	13	17	15	13	17	15	13	12
10	22	17	14	12	22	17	14	12	16	14	12	16	14	12	16	13	12	11

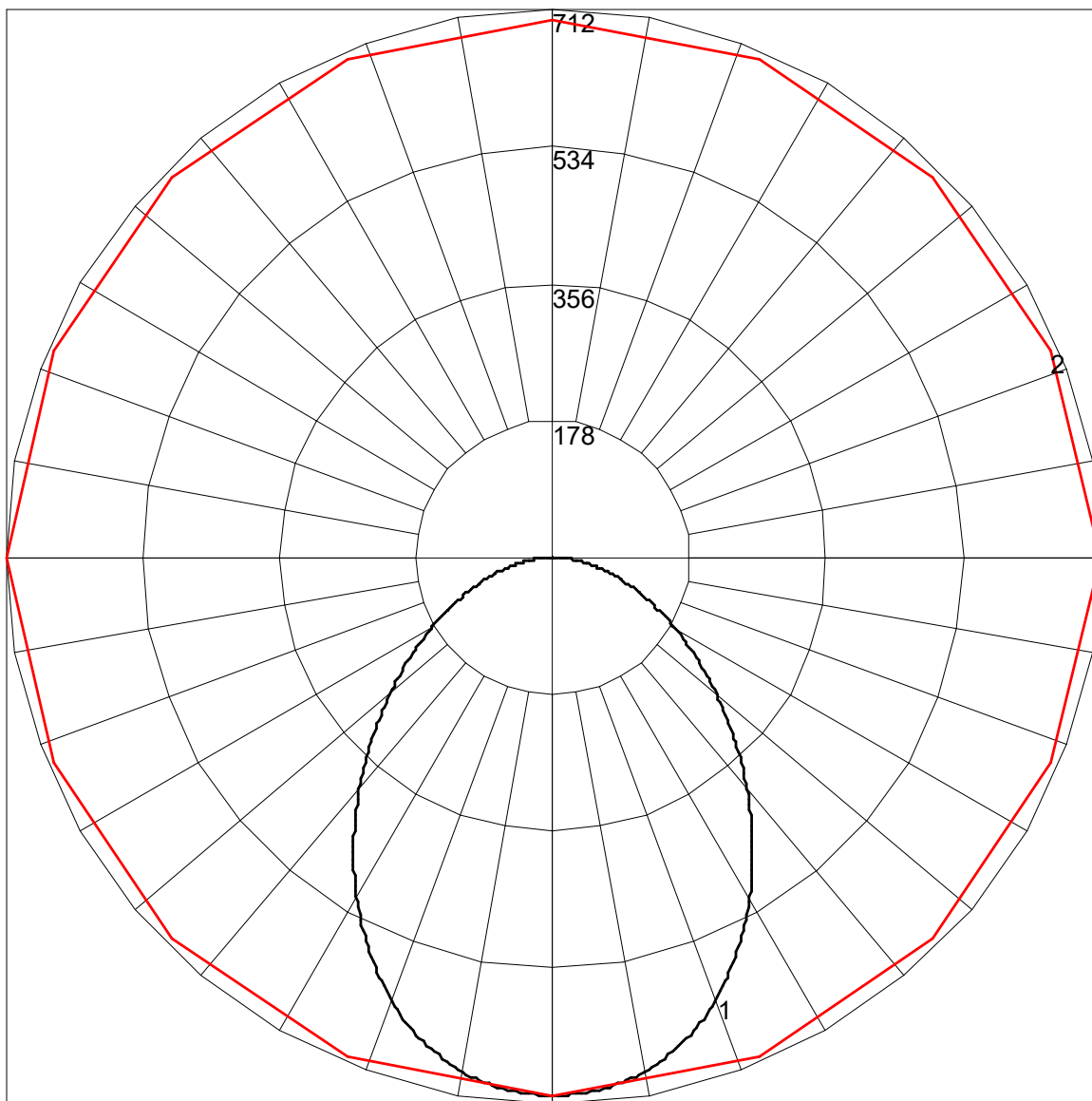
IES INDOOR REPORT
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UGR TABLE - CORRECTED

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	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
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 = 711.878 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.)