



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-8-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] LRX5-8-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_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	9632
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	77.1
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)	7.94 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	10908	9562	8747
55	9475	8099	7337
65	7991	6809	6181
75	6365	5542	5125
85	4611	4252	4136

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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	4215.719	4215.719	4215.719	4215.719	4215.719
0.5	4269.494	4216.969	4198.211	4211.967	4203.213
1.0	4269.494	4215.719	4196.960	4211.967	4201.962
1.5	4266.993	4214.468	4196.960	4210.716	4200.712
2.0	4265.742	4213.218	4194.459	4209.466	4199.461
2.5	4263.241	4210.716	4191.958	4206.965	4196.960
3.0	4260.740	4208.215	4189.456	4204.463	4193.208
3.5	4258.239	4205.714	4186.955	4201.962	4190.707
4.0	4255.737	4201.962	4183.204	4198.211	4185.705
4.5	4251.986	4198.211	4179.452	4193.208	4180.702
5.0	4248.234	4193.208	4174.449	4188.206	4174.449
5.5	4243.232	4189.456	4169.447	4181.953	4168.196
6.0	4238.229	4184.454	4163.194	4175.700	4160.693
6.5	4234.477	4178.201	4156.941	4168.196	4153.189
7.0	4228.225	4171.948	4150.688	4160.693	4145.686
7.5	4221.972	4165.695	4143.185	4151.939	4136.932
8.0	4215.719	4159.442	4135.681	4143.185	4128.178
8.5	4209.466	4151.939	4126.927	4133.180	4118.173
9.0	4201.962	4144.435	4118.173	4121.925	4106.918
9.5	4194.459	4136.932	4108.168	4110.670	4095.663
10.0	4186.955	4128.178	4098.164	4099.414	4083.157
10.5	4178.201	4119.424	4086.909	4086.909	4069.400
11.0	4169.447	4109.419	4075.653	4073.152	4055.644
11.5	4160.693	4099.414	4064.398	4059.396	4040.637
12.0	4150.688	4089.410	4050.642	4045.639	4024.379
12.5	4140.684	4078.154	4038.136	4029.382	4009.372
13.0	4129.428	4066.899	4024.379	4014.375	3991.864
13.5	4118.173	4054.393	4010.623	3998.117	3975.607
14.0	4106.918	4041.888	3996.866	3980.609	3958.098
14.5	4094.412	4029.382	3981.859	3963.101	3939.340
15.0	4081.906	4015.625	3965.602	3945.593	3920.581
15.5	4069.400	4001.869	3949.344	3926.834	3901.822
16.0	4055.644	3986.862	3931.836	3906.824	3881.813
16.5	4040.637	3971.855	3914.328	3886.815	3860.553
17.0	4025.630	3956.848	3895.569	3866.806	3838.042
17.5	4010.623	3940.590	3876.810	3845.546	3815.532
18.0	3995.616	3924.333	3858.052	3823.035	3791.771
18.5	3979.358	3906.824	3838.042	3799.274	3768.010
19.0	3963.101	3889.316	3816.782	3775.513	3742.998
19.5	3946.843	3871.808	3795.522	3750.501	3716.736
20.0	3929.335	3853.049	3774.263	3724.239	3689.223
20.5	3911.827	3834.291	3751.752	3697.977	3661.710
21.0	3893.068	3815.532	3729.242	3670.464	3632.947
21.5	3874.309	3795.522	3706.731	3641.701	3604.183
22.0	3854.300	3775.513	3681.719	3612.937	3575.420
22.5	3835.541	3754.253	3657.958	3584.174	3546.656
23.0	3814.281	3732.993	3632.947	3555.410	3516.642
23.5	3794.272	3710.483	3606.684	3525.396	3485.378
24.0	3773.012	3687.972	3580.422	3495.382	3455.364
24.5	3751.752	3664.211	3554.160	3465.368	3424.099
25.0	3727.991	3640.450	3526.647	3435.354	3392.834
25.5	3705.480	3616.689	3499.134	3405.340	3360.319
26.0	3682.970	3591.677	3470.371	3375.326	3327.804
26.5	3659.209	3566.666	3441.607	3344.062	3296.539

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CANDELA TABULATION - (Cont.)

27.0	3634.197	3541.654	3412.844	3312.797	3265.275
27.5	3609.185	3515.392	3384.080	3281.532	3232.760
28.0	3584.174	3487.879	3354.066	3250.268	3200.244
28.5	3557.911	3460.366	3324.052	3217.753	3167.729
29.0	3531.649	3432.853	3294.038	3185.237	3135.214
29.5	3505.387	3405.340	3262.774	3152.722	3102.699
30.0	3477.874	3376.577	3231.509	3118.957	3068.933
30.5	3450.361	3347.813	3200.244	3085.191	3036.418
31.0	3422.848	3319.050	3168.980	3051.425	3001.402
31.5	3394.085	3290.287	3136.465	3017.659	2967.636
32.0	3365.322	3260.273	3103.950	2982.643	2932.619
32.5	3336.558	3230.258	3071.434	2947.627	2897.603
33.0	3306.544	3198.994	3037.669	2912.610	2861.336
33.5	3277.781	3167.729	3003.903	2876.343	2825.069
34.0	3246.516	3136.465	2970.137	2841.327	2788.802
34.5	3216.502	3103.950	2936.371	2805.060	2752.535
35.0	3185.237	3072.685	2901.355	2770.044	2716.268
35.5	3153.973	3038.919	2866.339	2733.777	2680.002
36.0	3121.458	3006.404	2831.322	2697.510	2643.735
36.5	3088.942	2972.638	2796.306	2661.243	2607.468
37.0	3056.427	2937.622	2760.039	2624.976	2571.201
37.5	3022.662	2903.856	2725.023	2588.709	2534.934
38.0	2990.146	2870.090	2688.756	2552.442	2498.667
38.5	2955.130	2835.074	2652.489	2514.924	2462.400
39.0	2921.364	2800.058	2617.472	2479.908	2426.133
39.5	2886.348	2763.791	2581.205	2443.641	2391.117
40.0	2851.332	2728.774	2544.938	2407.374	2354.850
40.5	2816.315	2693.758	2508.672	2371.107	2318.583
41.0	2781.299	2657.491	2473.655	2334.840	2283.566
41.5	2746.282	2622.475	2437.388	2298.573	2247.299
42.0	2710.016	2586.208	2402.372	2262.306	2211.033
42.5	2673.749	2551.191	2366.105	2226.040	2176.016
43.0	2638.732	2514.924	2329.838	2191.023	2139.749
43.5	2602.465	2478.658	2293.571	2154.756	2104.733
44.0	2566.198	2443.641	2257.304	2119.740	2068.466
44.5	2529.931	2407.374	2221.037	2084.724	2033.450
45.0	2493.665	2371.107	2186.021	2049.707	1999.684
45.5	2457.398	2334.840	2149.754	2015.941	1964.667
46.0	2419.880	2297.323	2113.487	1980.925	1930.902
46.5	2383.613	2261.056	2078.471	1945.909	1897.136
47.0	2347.346	2223.538	2043.454	1912.143	1863.370
47.5	2308.578	2187.271	2007.187	1878.377	1829.604
48.0	2271.061	2151.004	1972.171	1844.611	1797.089
48.5	2233.543	2114.738	1938.405	1810.846	1764.574
49.0	2196.026	2077.220	1903.389	1777.080	1732.059
49.5	2158.508	2040.953	1868.373	1744.565	1699.544
50.0	2122.241	2004.686	1833.356	1710.799	1667.028
50.5	2084.724	1968.419	1799.590	1678.284	1634.513
51.0	2048.457	1932.152	1764.574	1645.769	1603.249
51.5	2010.939	1895.885	1730.808	1613.253	1571.984
52.0	1974.672	1860.869	1697.042	1581.989	1540.719
52.5	1937.155	1825.853	1663.277	1549.474	1509.455
53.0	1900.888	1789.586	1630.762	1518.209	1479.441
53.5	1864.621	1754.569	1598.246	1488.195	1449.427
54.0	1828.354	1720.804	1565.731	1456.930	1419.413
54.5	1792.087	1685.787	1533.216	1426.916	1389.399

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CANDELA TABULATION - (Cont.)

55.0	1757.071	1652.021	1501.951	1398.153	1360.635
55.5	1722.054	1619.506	1469.436	1368.139	1330.621
56.0	1685.787	1584.490	1438.172	1339.375	1303.109
56.5	1650.771	1551.975	1408.158	1310.612	1274.345
57.0	1617.005	1518.209	1376.893	1281.849	1246.332
57.5	1581.989	1485.694	1346.879	1254.336	1219.695
58.0	1548.223	1453.179	1316.865	1226.573	1193.057
58.5	1513.207	1420.663	1286.851	1199.185	1166.545
59.0	1479.441	1389.399	1258.088	1172.047	1140.157
59.5	1446.926	1358.134	1228.699	1144.910	1113.770
60.0	1413.160	1326.870	1199.685	1117.897	1088.008
60.5	1380.645	1295.605	1171.297	1091.760	1062.496
61.0	1348.130	1264.340	1143.409	1065.373	1037.484
61.5	1315.614	1233.701	1115.771	1039.610	1012.473
62.0	1283.099	1203.312	1088.133	1013.723	987.586
62.5	1250.584	1173.173	1060.995	988.337	962.700
63.0	1218.694	1143.534	1034.108	963.075	938.313
63.5	1186.679	1113.645	1007.596	938.313	913.927
64.0	1154.789	1084.256	981.708	914.177	890.416
64.5	1123.400	1055.493	955.821	890.291	867.280
65.0	1091.885	1026.479	930.309	866.780	844.519
65.5	1060.995	997.591	904.798	843.519	821.884
66.0	1030.356	969.203	879.411	820.633	799.498
66.5	999.592	940.814	854.274	797.873	777.363
67.0	969.578	913.051	829.387	775.362	755.603
67.5	939.814	885.163	804.876	753.102	734.343
68.0	909.675	857.901	780.489	730.716	712.708
68.5	880.161	830.513	756.228	708.331	691.073
69.0	851.147	803.500	732.092	685.945	669.313
69.5	822.384	776.738	707.455	663.560	647.677
70.0	794.371	750.100	683.569	641.550	626.292
70.5	766.733	723.963	660.183	619.914	605.158
71.0	739.345	698.076	637.047	598.530	584.398
71.5	712.333	672.689	614.287	577.395	563.888
72.0	685.570	647.427	591.526	556.635	543.754
72.5	658.933	622.791	569.141	536.000	523.870
73.0	633.046	598.279	547.381	515.741	504.235
73.5	607.284	574.518	526.121	495.857	484.976
74.0	581.897	551.132	505.111	476.347	466.093
74.5	557.135	528.122	484.351	457.088	447.334
75.0	532.624	505.361	463.717	438.080	428.825
75.5	508.487	482.850	443.332	419.321	410.442
76.0	484.726	460.715	423.323	400.812	392.558
76.5	461.340	438.955	403.689	382.679	374.800
77.0	438.330	417.695	384.430	364.795	357.542
77.5	415.694	396.810	365.421	347.412	340.409
78.0	393.559	376.051	346.787	330.154	323.276
78.5	371.674	355.666	328.278	312.896	306.518
79.0	350.289	335.532	310.145	295.888	290.010
79.5	329.404	315.647	292.136	279.255	273.753
80.0	309.144	296.513	274.628	263.123	258.121
80.5	289.510	277.630	257.745	247.240	242.738
81.0	270.376	259.246	241.113	231.608	227.481
81.5	251.492	241.238	224.730	216.351	212.724
82.0	232.984	223.479	208.722	201.219	197.967
82.5	214.600	206.221	192.965	186.462	183.586

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CANDELA TABULATION - (Cont.)

83.0	196.842	189.338	177.708	172.205	169.454
83.5	179.584	172.956	162.701	158.074	155.823
84.0	162.576	157.073	148.069	144.192	142.442
84.5	146.068	141.441	133.812	130.561	129.435
85.0	129.936	126.184	119.806	117.180	116.554
85.5	114.178	111.177	105.924	104.049	104.049
86.0	98.921	96.670	92.418	91.418	91.918
86.5	84.164	82.789	79.537	79.162	80.162
87.0	70.033	69.407	67.031	67.281	68.782
87.5	56.276	56.526	54.776	55.901	57.777
88.0	43.145	44.021	43.145	44.896	46.522
88.5	31.014	32.140	31.515	32.140	32.265
89.0	20.760	21.510	21.385	22.135	23.761
89.5	14.132	13.131	13.756	16.383	18.259
90.0	8.379	6.753	7.629	9.880	11.130
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-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 : LRX5-8-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 : LRX5-8-L12-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1518.72	N.A.	15.80
0-30	3146.76	N.A.	32.70
0-40	4971.68	N.A.	51.60
0-60	8047.5	N.A.	83.60
0-80	9492.22	N.A.	98.60
0-90	9631.58	N.A.	100.00
10-90	9233.88	N.A.	95.90
20-40	3452.97	N.A.	35.80
20-50	5159.69	N.A.	53.60
40-70	4017.36	N.A.	41.70
60-80	1444.72	N.A.	15.00
70-80	503.17	N.A.	5.20
80-90	139.37	N.A.	1.40
90-110	0.23	N.A.	0.00
90-120	0.23	N.A.	0.00
90-130	0.23	N.A.	0.00
90-150	0.23	N.A.	0.00
90-180	0.23	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	9631.82	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	397.70
10-20	1121.01
20-30	1628.04
30-40	1824.93
40-50	1706.73
50-60	1369.09
60-70	941.54
70-80	503.17
80-90	139.37
90-100	0.23
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 : LRX5-8-L12-835-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	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

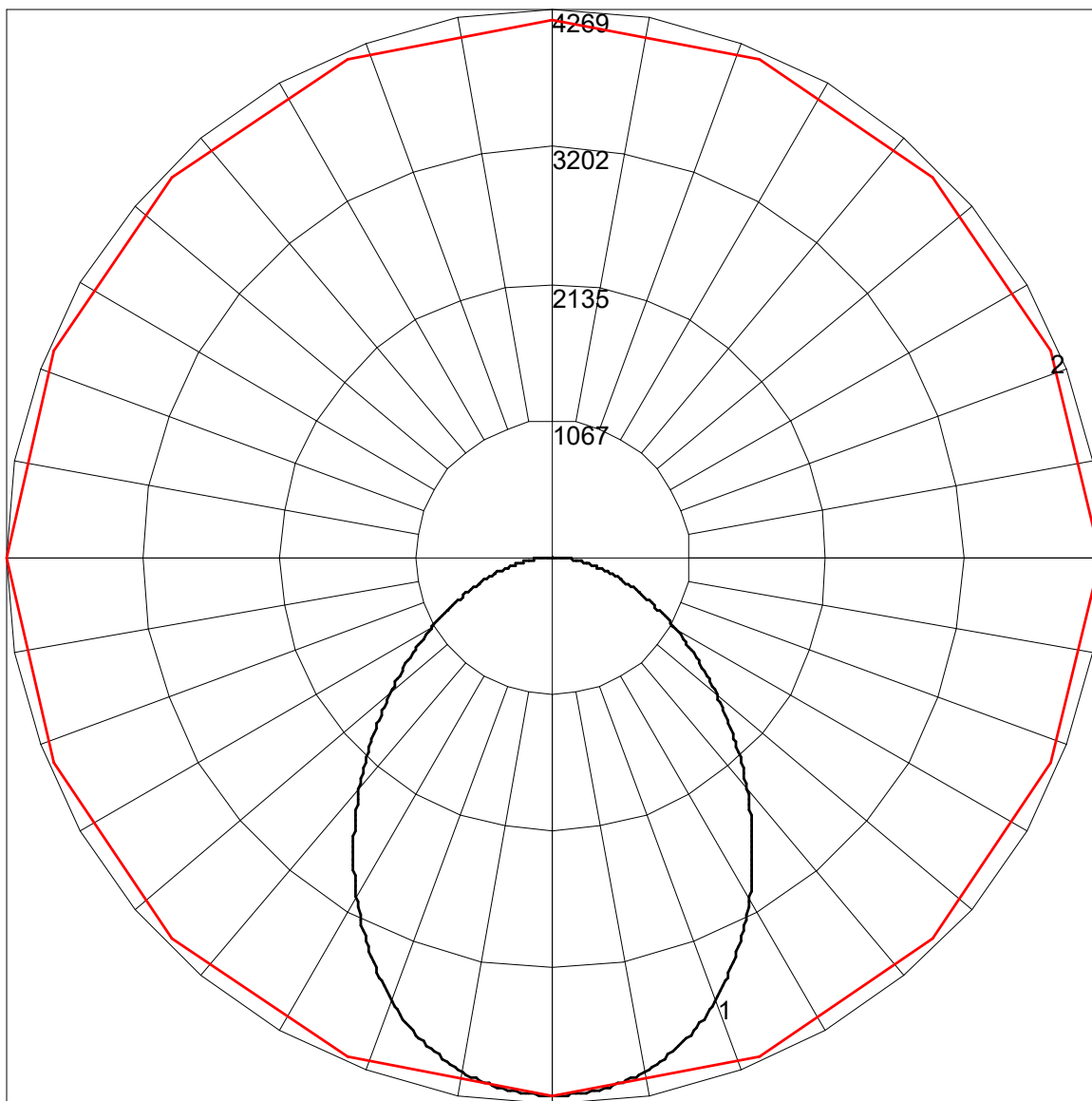
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L12-835-S-DMA-DRV-UNV.IES

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					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	23.0	24.4	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	24.6
	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 = 4269.494 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.)