



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-8-L15-835-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-L15-835-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	12104
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	97.3
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	13707	12016	10992
55	11907	10178	9220
65	10042	8556	7767
75	7999	6964	6440
85	5795	5343	5198

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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	5297.661	5297.661	5297.661	5297.661	5297.661
0.5	5365.238	5299.233	5275.660	5292.947	5281.946
1.0	5365.238	5297.661	5274.088	5292.947	5280.374
1.5	5362.094	5296.090	5274.088	5291.375	5278.803
2.0	5360.523	5294.518	5270.945	5289.804	5277.231
2.5	5357.380	5291.375	5267.802	5286.661	5274.088
3.0	5354.237	5288.232	5264.659	5283.517	5269.374
3.5	5351.094	5285.089	5261.516	5280.374	5266.231
4.0	5347.951	5280.374	5256.801	5275.660	5259.944
4.5	5343.236	5275.660	5252.087	5269.374	5253.658
5.0	5338.521	5269.374	5245.801	5263.087	5245.801
5.5	5332.235	5264.659	5239.514	5255.230	5237.943
6.0	5325.949	5258.373	5231.657	5247.372	5228.514
6.5	5321.234	5250.515	5223.799	5237.943	5219.084
7.0	5313.377	5242.657	5215.941	5228.514	5209.655
7.5	5305.519	5234.800	5206.512	5217.513	5198.654
8.0	5297.661	5226.942	5197.083	5206.512	5187.654
8.5	5289.804	5217.513	5186.082	5193.940	5175.081
9.0	5280.374	5208.084	5175.081	5179.796	5160.937
9.5	5270.945	5198.654	5162.509	5165.652	5146.793
10.0	5261.516	5187.654	5149.937	5151.508	5131.078
10.5	5250.515	5176.653	5135.793	5135.793	5113.791
11.0	5239.514	5164.080	5121.649	5118.506	5096.504
11.5	5228.514	5151.508	5107.505	5101.219	5077.646
12.0	5215.941	5138.936	5090.218	5083.932	5057.216
12.5	5203.369	5124.792	5074.503	5063.502	5038.357
13.0	5189.225	5110.648	5057.216	5044.643	5016.356
13.5	5175.081	5094.933	5039.929	5024.213	4995.926
14.0	5160.937	5079.217	5022.642	5002.212	4973.924
14.5	5145.222	5063.502	5003.783	4980.210	4950.351
15.0	5129.507	5046.215	4983.353	4958.209	4926.778
15.5	5113.791	5028.928	4962.923	4934.636	4903.205
16.0	5096.504	5010.070	4940.922	4909.491	4878.060
16.5	5077.646	4991.211	4918.920	4884.346	4851.344
17.0	5058.787	4972.353	4895.347	4859.202	4823.056
17.5	5039.929	4951.923	4871.774	4832.485	4794.769
18.0	5021.070	4931.493	4848.201	4804.198	4764.909
18.5	5000.640	4909.491	4823.056	4774.339	4735.050
19.0	4980.210	4887.489	4796.340	4744.479	4703.619
19.5	4959.780	4865.488	4769.624	4713.048	4670.617
20.0	4937.779	4841.915	4742.908	4680.046	4636.043
20.5	4915.777	4818.342	4714.620	4647.044	4601.469
21.0	4892.204	4794.769	4686.332	4612.470	4565.324
21.5	4868.631	4769.624	4658.045	4576.324	4529.178
22.0	4843.486	4744.479	4626.614	4540.179	4493.033
22.5	4819.913	4717.763	4596.754	4504.034	4456.887
23.0	4793.197	4691.047	4565.324	4467.888	4419.170
23.5	4768.052	4662.759	4532.321	4430.171	4379.882
24.0	4741.336	4634.471	4499.319	4392.454	4342.165
24.5	4714.620	4604.612	4466.317	4354.737	4302.877
25.0	4684.761	4574.753	4431.743	4317.020	4263.588
25.5	4656.473	4544.894	4397.169	4279.303	4222.728
26.0	4628.185	4513.463	4361.023	4241.586	4181.868
26.5	4598.326	4482.032	4324.878	4202.298	4142.579

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CANDELA TABULATION - (Cont.)

27.0	4566.895	4450.601	4288.733	4163.009	4103.291
27.5	4535.464	4417.599	4252.587	4123.721	4062.431
28.0	4504.034	4383.025	4214.870	4084.432	4021.571
28.5	4471.031	4348.451	4177.153	4043.572	3980.711
29.0	4438.029	4313.877	4139.436	4002.712	3939.851
29.5	4405.027	4279.303	4100.148	3961.852	3898.991
30.0	4370.453	4243.158	4060.859	3919.421	3856.559
30.5	4335.879	4207.013	4021.571	3876.989	3815.699
31.0	4301.305	4170.867	3982.282	3834.558	3771.696
31.5	4265.160	4134.722	3941.422	3792.126	3729.264
32.0	4229.014	4097.005	3900.562	3748.123	3685.261
32.5	4192.869	4059.288	3859.702	3704.120	3641.258
33.0	4155.152	4019.999	3817.271	3660.117	3595.684
33.5	4119.006	3980.711	3774.839	3614.542	3550.109
34.0	4079.718	3941.422	3732.407	3570.539	3504.534
34.5	4042.001	3900.562	3689.976	3524.964	3458.960
35.0	4002.712	3861.274	3645.973	3480.961	3413.385
35.5	3963.424	3818.842	3601.970	3435.386	3367.810
36.0	3922.564	3777.982	3557.967	3389.812	3322.236
36.5	3881.704	3735.551	3513.963	3344.237	3276.661
37.0	3840.844	3691.547	3468.389	3298.662	3231.086
37.5	3798.412	3649.116	3424.386	3253.088	3185.512
38.0	3757.552	3606.684	3378.811	3207.513	3139.937
38.5	3713.549	3562.681	3333.236	3160.367	3094.362
39.0	3671.117	3518.678	3289.233	3116.364	3048.788
39.5	3627.114	3473.103	3243.659	3070.789	3004.784
40.0	3583.111	3429.100	3198.084	3025.214	2959.210
40.5	3539.108	3385.097	3152.509	2979.640	2913.635
41.0	3495.105	3339.522	3108.506	2934.065	2869.632
41.5	3451.102	3295.519	3062.931	2888.491	2824.057
42.0	3405.527	3249.945	3018.928	2842.916	2778.483
42.5	3359.953	3205.942	2973.354	2797.341	2734.480
43.0	3315.949	3160.367	2927.779	2753.338	2688.905
43.5	3270.375	3114.792	2882.204	2707.763	2644.902
44.0	3224.800	3070.789	2836.630	2663.760	2599.327
44.5	3179.225	3025.214	2791.055	2619.757	2555.324
45.0	3133.651	2979.640	2747.052	2575.754	2512.892
45.5	3088.076	2934.065	2701.477	2533.322	2468.889
46.0	3040.930	2886.919	2655.903	2489.319	2426.458
46.5	2995.355	2841.344	2611.899	2445.316	2384.026
47.0	2949.781	2794.198	2567.896	2402.885	2341.595
47.5	2901.063	2748.623	2522.322	2360.453	2299.163
48.0	2853.917	2703.049	2478.319	2318.021	2258.303
48.5	2806.770	2657.474	2435.887	2275.590	2217.443
49.0	2759.624	2610.328	2391.884	2233.158	2176.583
49.5	2712.478	2564.753	2347.881	2192.298	2135.723
50.0	2666.903	2519.179	2303.878	2149.867	2094.863
50.5	2619.757	2473.604	2261.446	2109.007	2054.003
51.0	2574.183	2428.029	2217.443	2068.147	2014.714
51.5	2527.036	2382.455	2175.011	2027.287	1975.426
52.0	2481.462	2338.452	2132.580	1987.998	1936.137
52.5	2434.315	2294.448	2090.148	1947.138	1896.849
53.0	2388.741	2248.874	2049.288	1907.850	1859.132
53.5	2343.166	2204.871	2008.428	1870.133	1821.415
54.0	2297.591	2162.439	1967.568	1830.844	1783.698
54.5	2252.017	2118.436	1926.708	1793.127	1745.981

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CANDELA TABULATION - (Cont.)

55.0	2208.014	2076.004	1887.420	1756.982	1709.836
55.5	2164.011	2035.144	1846.559	1719.265	1672.119
56.0	2118.436	1991.141	1807.271	1683.119	1637.545
56.5	2074.433	1950.281	1769.554	1646.974	1601.399
57.0	2032.001	1907.850	1730.266	1610.828	1566.197
57.5	1987.998	1866.990	1692.549	1576.255	1532.723
58.0	1945.567	1826.129	1654.832	1541.366	1499.249
58.5	1901.563	1785.269	1617.115	1506.950	1465.933
59.0	1859.132	1745.981	1580.969	1472.847	1432.773
59.5	1818.272	1706.692	1544.038	1438.745	1399.614
60.0	1775.840	1667.404	1507.578	1404.800	1367.240
60.5	1734.980	1628.115	1471.904	1371.954	1335.180
61.0	1694.120	1588.827	1436.859	1338.795	1303.750
61.5	1653.260	1550.324	1402.128	1306.421	1272.319
62.0	1612.400	1512.136	1367.397	1273.890	1241.045
62.5	1571.540	1474.262	1333.295	1241.988	1209.771
63.0	1531.466	1437.016	1299.506	1210.243	1179.126
63.5	1491.234	1399.456	1266.190	1179.126	1148.481
64.0	1451.160	1362.525	1233.659	1148.796	1118.936
64.5	1411.714	1326.380	1201.128	1118.779	1089.863
65.0	1372.112	1289.920	1169.069	1089.234	1061.261
65.5	1333.295	1253.617	1137.009	1060.004	1032.816
66.0	1294.792	1217.943	1105.107	1031.245	1004.686
66.5	1256.132	1182.270	1073.519	1002.643	976.869
67.0	1218.415	1147.381	1042.245	974.355	949.524
67.5	1181.012	1112.336	1011.443	946.381	922.808
68.0	1143.138	1078.076	980.798	918.251	895.621
68.5	1106.050	1043.660	950.310	890.120	868.433
69.0	1069.590	1009.714	919.980	861.990	841.088
69.5	1033.445	976.083	889.020	833.859	813.901
70.0	998.242	942.610	859.004	806.200	787.027
70.5	963.511	909.765	829.616	779.012	760.468
71.0	929.094	877.234	800.542	752.139	734.381
71.5	895.149	845.331	771.940	725.580	708.607
72.0	861.518	813.586	743.338	699.492	683.306
72.5	828.044	782.627	715.208	673.562	658.318
73.0	795.514	751.825	687.863	648.103	633.645
73.5	763.140	721.965	661.147	623.116	609.443
74.0	731.238	692.578	634.745	598.600	585.713
74.5	700.121	663.661	608.657	574.398	562.140
75.0	669.319	635.059	582.727	550.510	538.881
75.5	638.988	606.772	557.111	526.937	515.779
76.0	609.129	578.955	531.966	503.679	493.306
76.5	579.741	551.611	507.293	480.891	470.991
77.0	550.825	524.894	483.091	458.418	449.303
77.5	522.380	498.650	459.204	436.574	427.773
78.0	494.564	472.562	435.788	414.887	406.243
78.5	467.062	446.946	412.529	393.199	385.184
79.0	440.188	421.644	389.742	371.826	364.440
79.5	413.944	396.657	367.112	350.925	344.010
80.0	388.485	372.612	345.110	330.652	324.366
80.5	363.812	348.882	323.894	310.693	305.036
81.0	339.767	325.780	302.993	291.049	285.863
81.5	316.037	303.150	282.406	271.876	267.319
82.0	292.778	280.834	262.290	252.861	248.775
82.5	269.676	259.147	242.489	234.317	230.702

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CANDELA TABULATION - (Cont.)

83.0	247.360	237.931	223.316	216.401	212.944
83.5	225.673	217.344	204.457	198.643	195.814
84.0	204.300	197.385	186.070	181.199	178.998
84.5	183.556	177.741	168.155	164.069	162.654
85.0	163.283	158.568	150.554	147.253	146.468
85.5	143.482	139.710	133.109	130.752	130.752
86.0	124.309	121.480	116.137	114.880	115.508
86.5	105.765	104.036	99.950	99.478	100.736
87.0	88.006	87.220	84.235	84.549	86.435
87.5	70.719	71.034	68.833	70.248	72.605
88.0	54.218	55.318	54.218	56.418	58.461
88.5	38.974	40.389	39.603	40.389	40.546
89.0	26.088	27.030	26.873	27.816	29.859
89.5	17.758	16.501	17.287	20.587	22.944
90.0	10.529	8.486	9.586	12.415	13.987
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-L15-835-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-L15-835-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-L15-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1908.49	N.A.	15.80
0-30	3954.35	N.A.	32.70
0-40	6247.64	N.A.	51.60
0-60	10112.85	N.A.	83.60
0-80	11928.35	N.A.	98.60
0-90	12103.48	N.A.	100.00
10-90	11603.71	N.A.	95.90
20-40	4339.15	N.A.	35.80
20-50	6483.9	N.A.	53.60
40-70	5048.4	N.A.	41.70
60-80	1815.49	N.A.	15.00
70-80	632.31	N.A.	5.20
80-90	175.14	N.A.	1.40
90-110	0.29	N.A.	0.00
90-120	0.29	N.A.	0.00
90-130	0.29	N.A.	0.00
90-150	0.29	N.A.	0.00
90-180	0.29	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	12103.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	499.77
10-20	1408.71
20-30	2045.87
30-40	2293.28
40-50	2144.75
50-60	1720.47
60-70	1183.18
70-80	632.31
80-90	175.14
90-100	0.29
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-L15-835-S-DMA-DRV-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	90	90	90	90	88	88	88	88	84	84	84	80	80	80	77	77	77	75
1	83	79	76	74	81	78	75	72	74	72	70	72	70	68	69	67	66	64
2	76	70	65	61	74	69	64	60	66	62	59	63	60	58	61	59	56	55
3	69	62	56	52	68	61	55	51	59	54	50	57	53	49	55	51	49	47
4	64	55	49	44	62	54	49	44	53	47	43	51	46	43	49	45	42	41
5	59	50	43	39	58	49	43	38	47	42	38	46	41	38	45	41	37	36
6	55	45	39	34	53	44	38	34	43	38	34	42	37	33	41	36	33	32
7	51	41	35	30	50	41	35	30	39	34	30	38	33	30	37	33	30	28
8	48	38	32	27	46	37	31	27	36	31	27	35	30	27	34	30	27	25
9	45	35	29	25	43	34	29	25	33	28	25	33	28	24	32	28	24	23
10	42	32	26	23	41	32	26	23	31	26	22	30	26	22	30	25	22	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L15-835-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

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

UGR Viewed Endwise

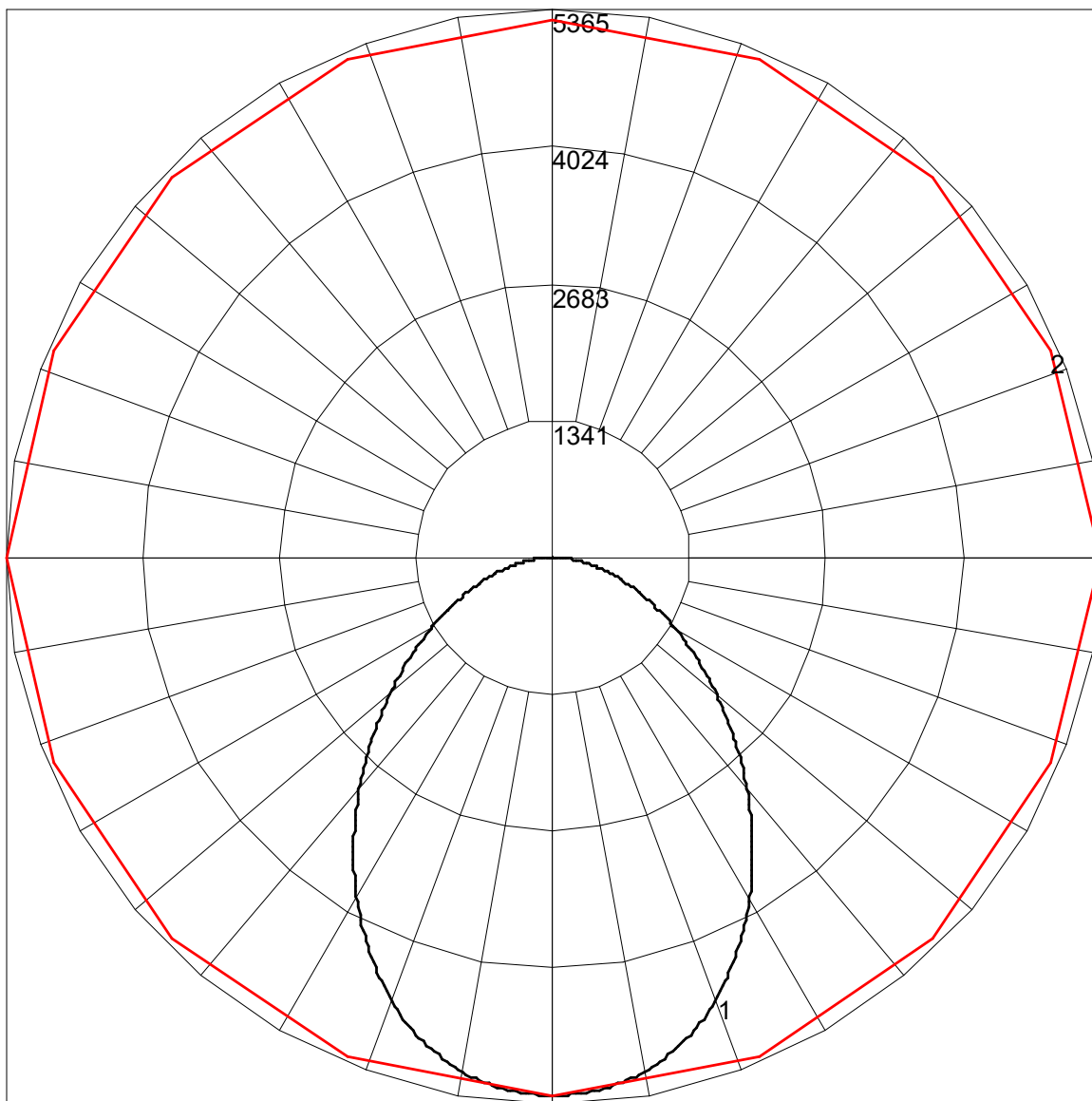
4H	2H	21.8	23.1	22.2	23.4	23.8	20.7	22.0	21.1	22.4	22.8
	3H	23.6	24.7	24.0	25.1	25.5	22.5	23.6	22.9	24.0	24.4
	4H	24.2	25.2	24.7	25.7	26.1	23.1	24.1	23.5	24.5	25.0
	6H	24.8	25.6	25.2	26.1	26.5	23.6	24.5	24.1	25.0	25.4
	8H	24.9	25.7	25.4	26.2	26.7	23.8	24.6	24.3	25.1	25.5
	12H	25.1	25.8	25.5	26.3	26.7	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 = 5365.238 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.)