



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-8-L20-835-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-L20-835-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	16048
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	130.8
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)	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	18173	15931	14573
55	15786	13494	12225
65	13314	11344	10298
75	10605	9233	8538
85	7683	7084	6892

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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	7023.866	7023.866	7023.866	7023.866	7023.866
0.5	7113.462	7025.950	6994.696	7017.616	7003.030
1.0	7113.462	7023.866	6992.612	7017.616	7000.947
1.5	7109.295	7021.783	6992.612	7015.532	6998.863
2.0	7107.211	7019.699	6988.445	7013.448	6996.779
2.5	7103.044	7015.532	6984.278	7009.281	6992.612
3.0	7098.877	7011.365	6980.110	7005.114	6986.361
3.5	7094.709	7007.197	6975.943	7000.947	6982.194
4.0	7090.542	7000.947	6969.692	6994.696	6973.860
4.5	7084.291	6994.696	6963.442	6986.361	6965.525
5.0	7078.040	6986.361	6955.107	6978.027	6955.107
5.5	7069.706	6980.110	6946.773	6967.609	6944.689
6.0	7061.371	6971.776	6936.355	6957.191	6932.187
6.5	7055.121	6961.358	6925.936	6944.689	6919.686
7.0	7044.703	6950.940	6915.518	6932.187	6907.184
7.5	7034.284	6940.522	6903.017	6917.602	6892.599
8.0	7023.866	6930.104	6890.515	6903.017	6878.013
8.5	7013.448	6917.602	6875.930	6886.348	6861.344
9.0	7000.947	6905.100	6861.344	6867.595	6842.592
9.5	6988.445	6892.599	6844.675	6848.843	6823.839
10.0	6975.943	6878.013	6828.007	6830.090	6803.003
10.5	6961.358	6863.428	6809.254	6809.254	6780.083
11.0	6946.773	6846.759	6790.501	6786.334	6757.164
11.5	6932.187	6830.090	6771.749	6763.414	6732.160
12.0	6915.518	6813.421	6748.829	6740.495	6705.073
12.5	6898.849	6794.669	6727.993	6713.408	6680.070
13.0	6880.097	6775.916	6705.073	6688.404	6650.899
13.5	6861.344	6755.080	6682.154	6661.317	6623.812
14.0	6842.592	6734.244	6659.234	6632.147	6594.642
14.5	6821.756	6713.408	6634.230	6602.976	6563.387
15.0	6800.920	6690.488	6607.143	6573.806	6532.133
15.5	6780.083	6667.568	6580.056	6542.551	6500.879
16.0	6757.164	6642.565	6550.886	6509.213	6467.541
16.5	6732.160	6617.561	6521.715	6475.876	6432.120
17.0	6707.157	6592.558	6490.461	6442.538	6394.615
17.5	6682.154	6565.471	6459.207	6407.116	6357.110
18.0	6657.150	6538.384	6427.952	6369.611	6317.521
18.5	6630.063	6509.213	6394.615	6330.023	6277.932
19.0	6602.976	6480.043	6359.193	6290.434	6236.260
19.5	6575.889	6450.872	6323.772	6248.762	6192.504
20.0	6546.719	6419.618	6288.350	6205.006	6146.664
20.5	6517.548	6388.364	6250.845	6161.250	6100.825
21.0	6486.294	6357.110	6213.340	6115.410	6052.902
21.5	6455.039	6323.772	6175.835	6067.487	6004.979
22.0	6421.702	6290.434	6134.163	6019.564	5957.055
22.5	6390.447	6255.012	6094.574	5971.641	5909.132
23.0	6355.026	6219.591	6052.902	5923.718	5859.126
23.5	6321.688	6182.086	6009.146	5873.711	5807.035
24.0	6286.267	6144.581	5965.390	5823.704	5757.028
24.5	6250.845	6104.992	5921.634	5773.697	5704.938
25.0	6211.257	6065.403	5875.794	5723.691	5652.848
25.5	6173.751	6025.815	5829.955	5673.684	5598.674
26.0	6136.246	5984.142	5782.032	5623.677	5544.500
26.5	6096.658	5942.470	5734.109	5571.587	5492.409

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CANDELA TABULATION - (Cont.)

27.0	6054.985	5900.798	5686.186	5519.496	5440.319
27.5	6013.313	5857.042	5638.262	5467.406	5386.145
28.0	5971.641	5811.202	5588.256	5415.316	5331.971
28.5	5927.885	5765.363	5538.249	5361.142	5277.797
29.0	5884.129	5719.523	5488.242	5306.968	5223.623
29.5	5840.373	5673.684	5436.152	5252.794	5169.449
30.0	5794.533	5625.761	5384.061	5196.536	5113.191
30.5	5748.694	5577.838	5331.971	5140.278	5059.017
31.0	5702.854	5529.914	5279.881	5084.021	5000.676
31.5	5654.931	5481.991	5225.707	5027.763	4944.419
32.0	5607.008	5431.984	5171.533	4969.422	4886.077
32.5	5559.085	5381.978	5117.359	4911.081	4827.736
33.0	5509.078	5329.887	5061.101	4852.739	4767.311
33.5	5461.155	5277.797	5004.843	4792.315	4706.886
34.0	5409.065	5225.707	4948.586	4733.973	4646.462
34.5	5359.058	5171.533	4892.328	4673.549	4586.037
35.0	5306.968	5119.442	4833.987	4615.207	4525.612
35.5	5254.877	5063.185	4775.646	4554.783	4465.187
36.0	5200.703	5009.011	4717.305	4494.358	4404.762
36.5	5146.529	4952.753	4658.963	4433.933	4344.337
37.0	5092.355	4894.412	4598.538	4373.508	4283.913
37.5	5036.098	4838.154	4540.197	4313.083	4223.488
38.0	4981.924	4781.897	4479.772	4252.658	4163.063
38.5	4923.582	4723.555	4419.348	4190.150	4102.638
39.0	4867.325	4665.214	4361.006	4131.809	4042.213
39.5	4808.984	4604.789	4300.581	4071.384	3983.872
40.0	4750.642	4546.448	4240.157	4010.959	3923.447
40.5	4692.301	4488.107	4179.732	3950.534	3863.022
41.0	4633.960	4427.682	4121.391	3890.109	3804.681
41.5	4575.619	4369.341	4060.966	3829.684	3744.256
42.0	4515.194	4308.916	4002.625	3769.260	3683.831
42.5	4454.769	4250.575	3942.200	3708.835	3625.490
43.0	4396.428	4190.150	3881.775	3650.494	3565.065
43.5	4336.003	4129.725	3821.350	3590.069	3506.724
44.0	4275.578	4071.384	3760.925	3531.728	3446.299
44.5	4215.153	4010.959	3700.500	3473.386	3387.958
45.0	4154.728	3950.534	3642.159	3415.045	3331.700
45.5	4094.304	3890.109	3581.734	3358.787	3273.359
46.0	4031.795	3827.601	3521.309	3300.446	3217.102
46.5	3971.370	3767.176	3462.968	3242.105	3160.844
47.0	3910.945	3704.668	3404.627	3185.847	3104.586
47.5	3846.353	3644.243	3344.202	3129.590	3048.329
48.0	3783.845	3583.818	3285.861	3073.332	2994.155
48.5	3721.337	3523.393	3229.603	3017.075	2939.981
49.0	3658.828	3460.885	3171.262	2960.817	2885.807
49.5	3596.320	3400.460	3112.921	2906.643	2831.633
50.0	3535.895	3340.035	3054.580	2850.385	2777.459
50.5	3473.386	3279.610	2998.322	2796.211	2723.285
51.0	3412.961	3219.185	2939.981	2742.037	2671.195
51.5	3350.453	3158.760	2883.723	2687.863	2619.104
52.0	3290.028	3100.419	2827.466	2635.773	2567.014
52.5	3227.520	3042.078	2771.208	2581.599	2514.923
53.0	3167.095	2981.653	2717.034	2529.509	2464.917
53.5	3106.670	2923.312	2662.860	2479.502	2414.910
54.0	3046.245	2867.054	2608.686	2427.412	2364.903
54.5	2985.820	2808.713	2554.512	2377.405	2314.896

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CANDELA TABULATION - (Cont.)

55.0	2927.479	2752.456	2502.422	2329.482	2266.973
55.5	2869.138	2698.282	2448.248	2279.475	2216.966
56.0	2808.713	2639.940	2396.157	2231.552	2171.127
56.5	2750.372	2585.766	2346.151	2183.629	2123.204
57.0	2694.114	2529.509	2294.060	2135.705	2076.531
57.5	2635.773	2475.335	2244.053	2089.866	2032.150
58.0	2579.515	2421.161	2194.047	2043.610	1987.769
58.5	2521.174	2366.987	2144.040	1997.978	1943.596
59.0	2464.917	2314.896	2096.117	1952.764	1899.632
59.5	2410.743	2262.806	2047.152	1907.550	1855.668
60.0	2354.485	2210.716	1998.812	1862.544	1812.745
60.5	2300.311	2158.625	1951.514	1818.996	1770.239
61.0	2246.137	2106.535	1905.049	1775.032	1728.567
61.5	2191.963	2055.486	1859.001	1732.109	1686.895
62.0	2137.789	2004.854	1812.953	1688.978	1645.431
62.5	2083.615	1954.639	1767.739	1646.681	1603.967
63.0	2030.483	1905.258	1722.941	1604.592	1563.336
63.5	1977.142	1855.459	1678.769	1563.336	1522.706
64.0	1924.010	1806.494	1635.638	1523.123	1483.534
64.5	1871.711	1758.571	1592.507	1483.326	1444.987
65.0	1819.204	1710.231	1550.001	1444.154	1407.065
65.5	1767.739	1662.100	1507.495	1405.398	1369.352
66.0	1716.690	1614.802	1465.198	1367.268	1332.055
66.5	1665.434	1567.504	1423.317	1329.346	1295.175
67.0	1615.427	1521.247	1381.854	1291.841	1258.920
67.5	1565.837	1474.783	1341.015	1254.753	1223.499
68.0	1515.622	1429.360	1300.384	1217.456	1187.452
68.5	1466.448	1383.729	1259.962	1180.160	1151.406
69.0	1418.108	1338.723	1219.748	1142.863	1115.151
69.5	1370.185	1294.133	1178.701	1105.566	1079.104
70.0	1323.512	1249.752	1138.904	1068.895	1043.474
70.5	1277.464	1206.205	1099.940	1032.848	1008.261
71.0	1231.833	1163.074	1061.394	997.218	973.673
71.5	1186.827	1120.777	1023.472	962.005	939.502
72.0	1142.238	1078.688	985.550	927.417	905.956
72.5	1097.857	1037.640	948.253	893.037	872.826
73.0	1054.726	996.801	911.998	859.283	840.114
73.5	1011.803	957.213	876.577	826.153	808.026
74.0	969.506	918.249	841.572	793.649	776.563
74.5	928.251	879.911	806.984	761.561	745.309
75.0	887.412	841.989	772.604	729.890	714.472
75.5	847.198	804.484	738.642	698.636	683.842
76.0	807.609	767.604	705.304	667.799	654.047
76.5	768.646	731.349	672.591	637.586	624.459
77.0	730.307	695.927	640.503	607.791	595.706
77.5	692.594	661.131	608.832	578.828	567.160
78.0	655.714	626.543	577.786	550.074	538.614
78.5	619.250	592.580	546.949	521.320	510.694
79.0	583.621	559.034	516.737	492.983	483.190
79.5	548.824	525.904	486.732	465.271	456.103
80.0	515.070	494.025	457.562	438.393	430.058
80.5	482.357	462.563	429.433	411.931	404.430
81.0	450.478	431.933	401.721	385.886	379.010
81.5	419.015	401.929	374.426	360.465	354.423
82.0	388.177	372.342	347.755	335.254	329.836
82.5	357.548	343.588	321.502	310.667	305.875

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CANDELA TABULATION - (Cont.)

83.0	327.961	315.459	296.082	286.914	282.330
83.5	299.207	288.164	271.078	263.369	259.618
84.0	270.870	261.702	246.700	240.241	237.324
84.5	243.366	235.657	222.947	217.529	215.654
85.0	216.488	210.237	199.610	195.235	194.193
85.5	190.234	185.233	176.482	173.357	173.357
86.0	164.814	161.063	153.979	152.312	153.146
86.5	140.227	137.935	132.518	131.893	133.560
87.0	116.682	115.641	111.682	112.098	114.599
87.5	93.763	94.179	91.262	93.138	96.263
88.0	71.885	73.343	71.885	74.802	77.510
88.5	51.674	53.549	52.507	53.549	53.757
89.0	34.588	35.838	35.630	36.880	39.589
89.5	23.545	21.878	22.920	27.295	30.421
90.0	13.960	11.252	12.710	16.461	18.544
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-L20-835-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
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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-L20-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2530.35	N.A.	15.80
0-30	5242.85	N.A.	32.70
0-40	8283.39	N.A.	51.60
0-60	13408.05	N.A.	83.60
0-80	15815.11	N.A.	98.60
0-90	16047.32	N.A.	100.00
10-90	15384.7	N.A.	95.90
20-40	5753.03	N.A.	35.80
20-50	8596.63	N.A.	53.60
40-70	6693.38	N.A.	41.70
60-80	2407.06	N.A.	15.00
70-80	838.34	N.A.	5.20
80-90	232.20	N.A.	1.40
90-110	0.39	N.A.	0.00
90-120	0.39	N.A.	0.00
90-130	0.39	N.A.	0.00
90-150	0.39	N.A.	0.00
90-180	0.39	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	16047.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	662.62
10-20	1867.73
20-30	2712.5
30-40	3040.53
40-50	2843.6
50-60	2281.07
60-70	1568.72
70-80	838.34
80-90	232.20
90-100	0.39
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-L20-835-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	238	238	238	238	233	233	233	233	222	222	222	213	213	213	204	204	204	200
1	219	210	202	195	214	206	199	192	197	191	186	190	185	180	183	179	175	171
2	201	185	173	162	196	182	170	160	175	165	156	168	160	153	162	155	149	145
3	184	164	149	137	179	161	147	136	155	143	133	150	140	131	145	136	129	125
4	170	147	130	118	165	144	129	117	139	126	115	135	123	114	131	120	112	108
5	157	132	115	102	153	130	114	102	126	112	101	122	110	100	118	107	99	95
6	145	120	103	90	141	118	102	90	114	100	89	111	98	88	108	97	88	84
7	135	109	92	81	132	108	92	80	105	90	80	102	89	79	99	87	79	75
8	126	100	84	72	123	99	83	72	96	82	72	94	81	71	91	80	71	67
9	118	92	76	66	115	91	76	65	89	75	65	87	74	65	85	73	64	61
10	111	85	70	60	108	84	70	60	82	69	59	80	68	59	79	67	59	56

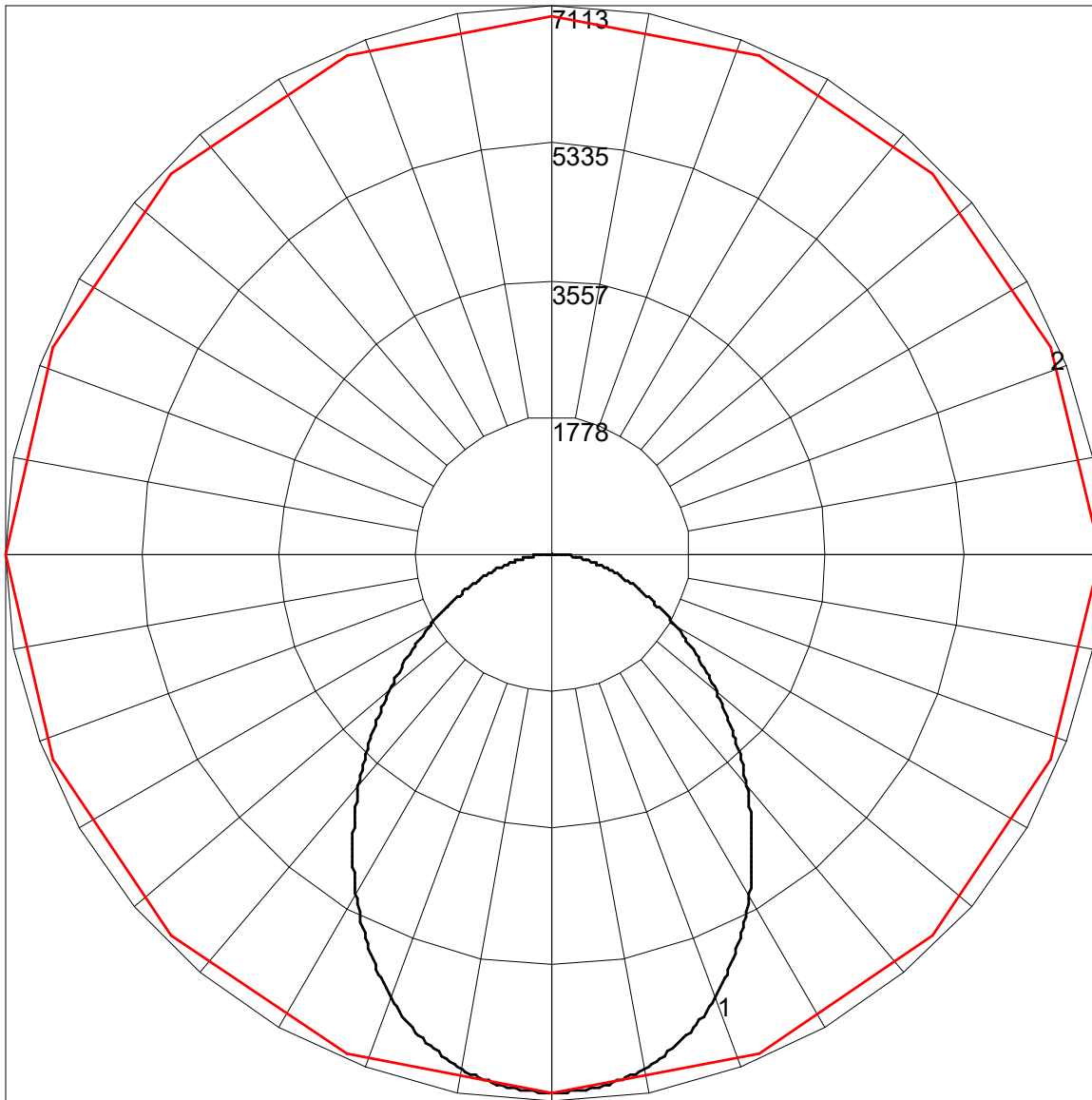
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-835-S-DMA-DRV-UNV.IES

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	21.3	22.9	21.7	23.2	23.5	20.0	21.6	20.4	21.9	22.2
	3H	22.9	24.3	23.3	24.6	25.0	21.6	23.0	21.9	23.3	23.6
	4H	23.4	24.8	23.8	25.1	25.5	22.1	23.4	22.5	23.8	24.1
	6H	23.8	25.0	24.2	25.4	25.8	22.5	23.7	22.9	24.1	24.5
	8H	24.0	25.1	24.4	25.5	25.9	22.7	23.8	23.1	24.2	24.6
	12H	24.0	25.1	24.5	25.5	26.0	22.7	23.8	23.2	24.2	24.7
4H	2H	21.7	23.0	22.1	23.4	23.8	20.7	22.0	21.1	22.3	22.7
	3H	23.5	24.6	23.9	25.0	25.4	22.4	23.5	22.8	23.9	24.3
	4H	24.2	25.2	24.6	25.6	26.0	23.1	24.0	23.5	24.5	24.9
	6H	24.7	25.6	25.2	26.0	26.5	23.6	24.4	24.0	24.9	25.3
	8H	24.9	25.7	25.3	26.1	26.6	23.8	24.6	24.2	25.0	25.5
	12H	25.0	25.7	25.5	26.2	26.7	23.9	24.6	24.4	25.1	25.6
8H	4H	24.4	25.2	24.8	25.6	26.1	23.4	24.2	23.8	24.6	25.1
	6H	25.0	25.7	25.5	26.2	26.6	24.0	24.7	24.5	25.2	25.6
	8H	25.2	25.8	25.8	26.3	26.8	24.3	24.8	24.8	25.4	25.8
	12H	25.4	26.0	25.9	26.4	27.0	24.4	25.0	25.0	25.5	26.0
12H	4H	24.4	25.1	24.9	25.6	26.1	23.4	24.1	23.9	24.6	25.1
	6H	25.0	25.6	25.6	26.1	26.6	24.1	24.7	24.6	25.1	25.7
	8H	25.3	25.8	25.8	26.3	26.9	24.3	24.9	24.9	25.4	25.9

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 7113.462 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.)