



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-830-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-8-L8-830-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6336
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	55.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18500	15958	14556
55	16491	14023	12838
65	14538	12361	11379
75	11991	10524	9808
85	9046	8440	8132

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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	2807.177	2807.177	2807.177	2807.177	2807.177
0.5	2856.668	2809.479	2793.365	2800.271	2786.460
1.0	2856.668	2808.328	2793.365	2800.271	2785.309
1.5	2855.517	2808.328	2792.214	2799.120	2784.158
2.0	2854.366	2806.026	2789.913	2797.969	2780.705
2.5	2853.215	2803.724	2788.762	2794.516	2778.403
3.0	2850.913	2801.422	2785.309	2792.214	2773.799
3.5	2848.611	2799.120	2781.856	2787.611	2769.195
4.0	2846.309	2796.818	2778.403	2784.158	2765.742
4.5	2844.007	2793.365	2774.950	2779.554	2759.988
5.0	2841.705	2789.913	2769.195	2773.799	2754.233
5.5	2837.102	2785.309	2764.592	2766.893	2746.176
6.0	2833.649	2780.705	2758.837	2761.139	2739.271
6.5	2830.196	2777.252	2753.082	2753.082	2731.214
7.0	2825.592	2771.497	2747.327	2745.025	2723.157
7.5	2820.988	2766.893	2740.421	2736.969	2713.950
8.0	2816.384	2759.988	2733.516	2727.761	2705.893
8.5	2810.630	2754.233	2725.459	2718.553	2695.534
9.0	2804.875	2748.478	2717.402	2708.195	2685.176
9.5	2799.120	2741.572	2708.195	2696.685	2673.666
10.0	2793.365	2734.667	2698.987	2686.327	2663.308
10.5	2786.460	2727.761	2689.780	2674.817	2649.496
11.0	2779.554	2719.704	2679.421	2663.308	2636.836
11.5	2771.497	2711.648	2669.062	2650.647	2624.175
12.0	2763.441	2702.440	2657.553	2637.987	2610.364
12.5	2756.535	2693.232	2646.043	2624.175	2595.401
13.0	2747.327	2684.025	2634.534	2610.364	2581.590
13.5	2738.120	2673.666	2621.873	2595.401	2566.627
14.0	2730.063	2663.308	2610.364	2581.590	2551.665
14.5	2719.704	2652.949	2596.552	2566.627	2535.552
15.0	2710.497	2642.590	2583.892	2550.514	2520.589
15.5	2700.138	2631.081	2568.929	2534.401	2503.325
16.0	2692.081	2620.722	2555.118	2518.287	2486.061
16.5	2684.025	2609.213	2540.155	2501.023	2468.796
17.0	2673.666	2597.703	2525.193	2483.759	2451.532
17.5	2658.704	2586.194	2510.231	2466.494	2433.117
18.0	2644.892	2575.835	2495.268	2448.079	2413.551
18.5	2631.081	2562.024	2479.155	2429.664	2393.984
19.0	2619.571	2547.061	2463.042	2410.098	2374.418
19.5	2606.911	2532.099	2446.928	2390.531	2353.701
20.0	2594.250	2517.136	2429.664	2372.116	2331.833
20.5	2580.439	2502.174	2413.551	2352.550	2311.116
21.0	2566.627	2488.363	2396.286	2331.833	2289.248
21.5	2552.816	2473.400	2379.022	2312.267	2268.530
22.0	2537.854	2457.287	2360.607	2291.549	2246.662
22.5	2524.042	2442.324	2343.342	2269.681	2225.945
23.0	2507.929	2426.211	2327.229	2248.964	2205.228
23.5	2492.966	2408.947	2308.814	2228.247	2183.360
24.0	2476.853	2392.833	2288.097	2207.530	2162.643
24.5	2460.740	2375.569	2268.530	2186.813	2140.774
25.0	2444.626	2359.456	2247.813	2164.944	2118.906
25.5	2428.513	2341.040	2228.247	2144.227	2097.038
26.0	2411.249	2323.776	2207.530	2122.359	2076.321
26.5	2395.135	2305.361	2187.964	2101.642	2055.604

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CANDELA TABULATION - (Cont.)

27.0	2376.720	2288.097	2167.246	2080.925	2033.736
27.5	2359.456	2268.530	2147.680	2060.208	2010.717
28.0	2342.191	2250.115	2126.963	2039.491	1989.999
28.5	2324.927	2231.700	2106.246	2017.622	1969.282
29.0	2306.512	2212.134	2086.680	1995.754	1948.565
29.5	2286.946	2192.567	2065.962	1973.886	1927.848
30.0	2268.530	2173.001	2045.245	1953.169	1905.980
30.5	2248.964	2154.586	2025.679	1932.452	1884.112
31.0	2229.398	2135.020	2004.962	1910.584	1862.244
31.5	2208.681	2114.303	1983.094	1888.716	1841.526
32.0	2189.115	2094.736	1962.377	1866.847	1819.658
32.5	2168.397	2074.019	1941.659	1844.979	1797.790
33.0	2148.831	2053.302	1919.791	1823.111	1775.922
33.5	2128.114	2032.585	1899.074	1802.394	1754.054
34.0	2107.397	2011.868	1878.357	1780.526	1732.186
34.5	2087.831	1989.999	1855.338	1758.658	1710.318
35.0	2067.113	1969.282	1834.621	1735.639	1688.450
35.5	2046.396	1947.414	1812.753	1713.771	1667.732
36.0	2024.528	1926.697	1792.035	1693.053	1645.864
36.5	2003.811	1904.829	1770.167	1671.185	1625.147
37.0	1983.094	1882.961	1748.299	1648.166	1603.279
37.5	1961.226	1861.093	1726.431	1627.449	1583.713
38.0	1940.508	1839.225	1704.563	1605.581	1561.845
38.5	1918.640	1817.356	1683.846	1584.864	1541.127
39.0	1896.772	1795.488	1660.827	1562.996	1520.410
39.5	1874.904	1773.620	1638.959	1542.278	1499.693
40.0	1851.885	1751.752	1617.090	1520.410	1478.976
40.5	1828.866	1729.884	1595.222	1500.844	1459.410
41.0	1806.998	1708.016	1573.354	1480.127	1437.542
41.5	1783.979	1684.997	1551.486	1459.410	1416.824
42.0	1760.960	1663.129	1530.769	1437.542	1397.258
42.5	1739.092	1640.109	1508.901	1416.824	1376.541
43.0	1716.072	1618.241	1488.184	1397.258	1356.975
43.5	1693.053	1595.222	1465.164	1377.692	1337.409
44.0	1670.034	1573.354	1444.447	1356.975	1317.842
44.5	1647.015	1551.486	1422.579	1336.258	1298.276
45.0	1625.147	1528.467	1401.862	1316.691	1278.710
45.5	1602.128	1506.599	1381.145	1297.125	1259.144
46.0	1579.109	1484.731	1360.428	1277.559	1240.728
46.5	1557.241	1461.712	1338.560	1257.993	1221.162
47.0	1534.222	1439.843	1317.842	1238.427	1202.747
47.5	1512.354	1417.975	1298.276	1217.709	1184.332
48.0	1489.334	1396.107	1277.559	1199.294	1164.765
48.5	1466.315	1374.239	1257.993	1179.728	1147.041
49.0	1444.447	1351.220	1236.125	1161.313	1128.510
49.5	1421.428	1329.352	1216.558	1141.631	1109.980
50.0	1399.560	1308.635	1195.841	1122.410	1091.450
50.5	1376.541	1286.767	1176.275	1104.225	1073.840
51.0	1354.673	1264.898	1155.558	1086.385	1056.346
51.5	1331.654	1243.030	1136.107	1068.200	1037.240
52.0	1309.786	1222.313	1115.850	1049.440	1019.285
52.5	1286.767	1200.445	1095.823	1030.679	1002.021
53.0	1264.898	1179.728	1076.027	1012.149	983.605
53.5	1241.879	1159.011	1057.151	994.770	966.916
54.0	1220.011	1137.258	1038.045	977.620	949.307
54.5	1198.143	1115.965	1018.594	960.011	932.043

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CANDELA TABULATION - (Cont.)

55.0	1175.124	1095.133	999.258	941.826	914.778
55.5	1153.256	1074.531	980.498	923.410	897.169
56.0	1131.273	1054.044	962.198	905.686	880.480
56.5	1109.750	1033.787	943.552	888.997	863.906
57.0	1088.112	1013.300	925.137	872.538	848.023
57.5	1066.934	993.273	907.297	855.159	831.564
58.0	1045.872	973.592	889.112	837.434	814.645
58.5	1025.500	953.911	870.582	820.055	798.187
59.0	1004.668	934.805	852.166	803.251	782.764
59.5	984.181	915.699	834.211	786.792	766.881
60.0	963.579	896.823	816.947	770.794	750.537
60.5	943.552	877.948	799.913	754.681	734.539
61.0	923.641	858.957	782.649	738.222	719.116
61.5	903.614	839.966	764.694	721.648	703.233
62.0	883.587	821.551	747.199	705.305	687.350
62.5	863.676	803.366	730.626	689.537	671.927
63.0	843.649	784.836	714.742	674.114	656.849
63.5	823.508	766.420	698.859	659.612	641.772
64.0	803.481	747.890	682.516	645.110	626.694
64.5	783.454	729.475	665.597	629.457	611.962
65.0	763.313	711.290	649.023	613.113	597.460
65.5	743.286	692.989	633.370	598.381	583.188
66.0	723.375	674.689	618.062	585.145	569.492
66.5	703.348	656.504	602.524	571.564	555.565
67.0	683.436	638.549	586.296	556.832	541.294
67.5	663.640	620.709	569.952	540.948	526.792
68.0	643.844	602.640	553.609	524.605	511.944
68.5	624.277	584.685	537.380	509.412	497.212
69.0	604.941	566.730	521.958	495.256	482.940
69.5	585.605	549.235	506.765	481.214	468.553
70.0	566.384	531.741	490.652	465.791	453.361
70.5	547.509	514.131	474.193	449.217	438.283
71.0	528.518	496.522	457.965	433.334	423.436
71.5	509.873	479.142	442.081	419.062	409.049
72.0	491.342	462.338	426.889	405.826	395.123
72.5	473.042	445.764	412.272	392.130	381.771
73.0	455.087	429.306	397.424	377.513	368.190
73.5	437.247	412.732	382.117	362.896	354.149
74.0	419.753	396.389	366.809	348.854	340.797
74.5	402.489	380.390	352.307	335.618	328.252
75.0	385.570	364.852	338.380	322.612	315.361
75.5	368.881	349.430	324.684	309.492	302.125
76.0	352.422	334.122	310.642	296.486	289.580
76.5	336.194	318.699	296.716	283.135	277.265
77.0	320.080	303.622	282.674	270.014	264.489
77.5	304.312	288.774	269.323	257.123	251.483
78.0	288.544	274.042	256.317	244.578	239.168
78.5	273.006	259.540	243.312	232.147	227.429
79.0	257.929	245.383	230.306	219.947	215.804
79.5	242.966	231.457	217.530	207.977	204.294
80.0	228.349	217.760	205.100	196.007	192.670
80.5	213.847	204.294	192.785	184.153	180.815
81.0	199.806	191.058	180.354	172.528	169.190
81.5	186.109	178.168	168.385	161.249	158.141
82.0	172.643	165.737	156.990	150.430	147.552
82.5	159.522	153.537	145.711	139.956	137.309

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CANDELA TABULATION - (Cont.)

83.0	146.632	141.452	134.662	129.367	127.296
83.5	133.971	129.482	123.497	118.894	117.282
84.0	121.656	117.973	112.333	108.535	107.039
84.5	109.686	106.693	101.514	98.407	97.141
85.0	97.946	95.644	91.386	88.623	88.048
85.5	86.437	84.710	81.488	79.416	79.531
86.0	75.272	73.891	71.820	70.899	70.899
86.5	64.453	63.533	62.152	61.921	62.152
87.0	53.865	53.519	52.714	52.714	53.059
87.5	43.736	43.391	43.506	44.082	44.312
88.0	33.953	34.183	35.219	36.025	36.370
88.5	24.861	25.666	27.623	27.853	28.083
89.0	16.804	18.070	19.221	17.379	17.264
89.5	11.625	11.970	8.977	8.517	9.438
90.0	0.000	0.000	0.000	0.000	0.000
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 : LRX2-8-L8-830-DMA-DIM-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 : LRX2-8-L8-830-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 : LRX2-8-L8-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	993.95	N.A.	15.70
0-30	2034.91	N.A.	32.10
0-40	3193.83	N.A.	50.40
0-60	5207.47	N.A.	82.20
0-80	6231.3	N.A.	98.30
0-90	6336.18	N.A.	100.00
10-90	6072.82	N.A.	95.80
20-40	2199.88	N.A.	34.70
20-50	3299.61	N.A.	52.10
40-70	2671.57	N.A.	42.20
60-80	1023.84	N.A.	16.20
70-80	365.90	N.A.	5.80
80-90	104.87	N.A.	1.70
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6336.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	263.36
10-20	730.59
20-30	1040.95
30-40	1158.92
40-50	1099.74
50-60	913.90
60-70	657.94
70-80	365.90
80-90	104.87
90-100	0.00
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 : LRX2-8-L8-830-DMA-DIM-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L8-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

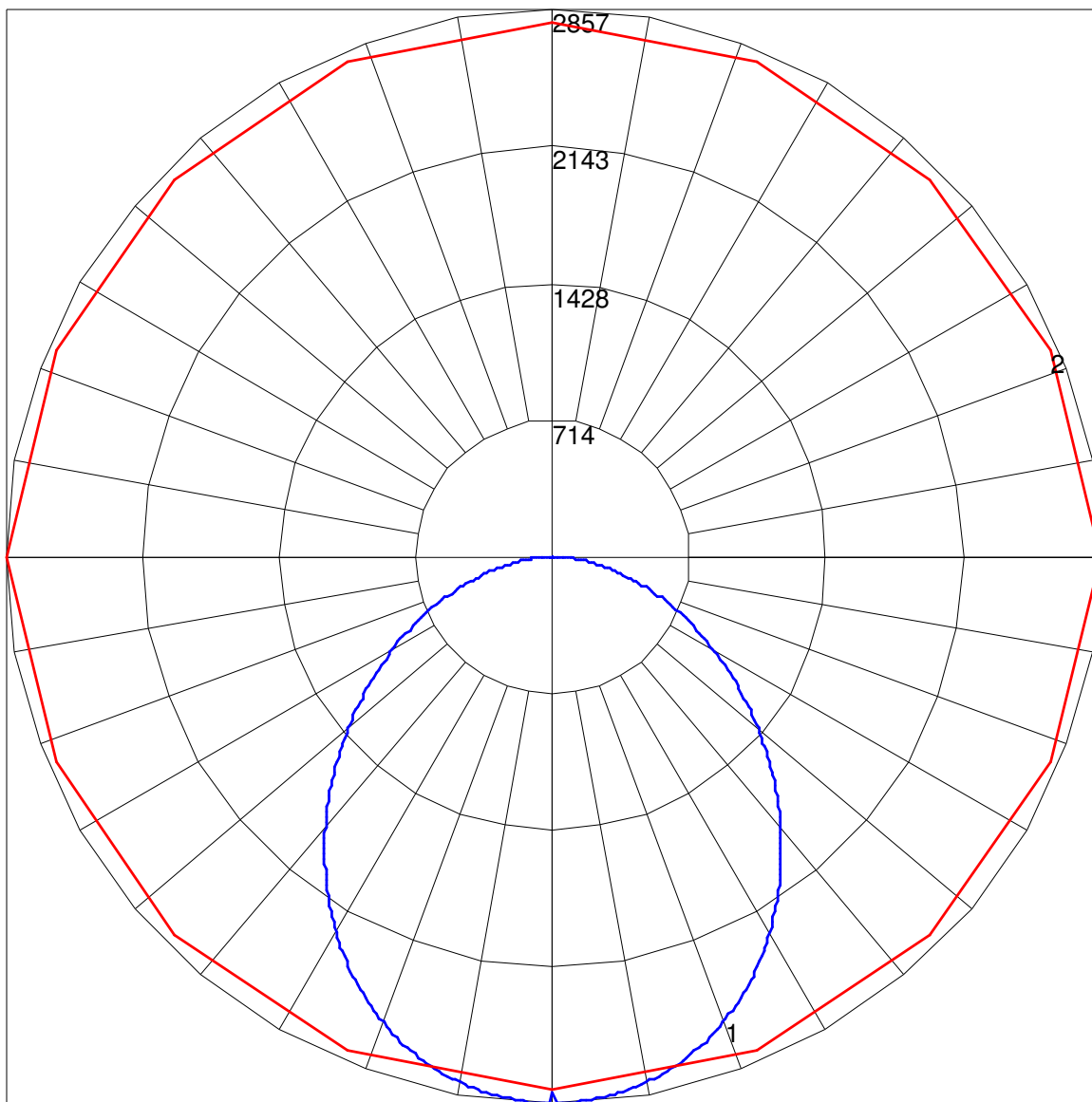
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	21.5	23.1	21.9	23.4	23.7	20.4	21.9	20.7	22.2	22.5
	3H	23.2	24.6	23.6	25.0	25.3	22.0	23.4	22.4	23.8	24.1
	4H	23.8	25.2	24.2	25.5	25.9	22.6	24.0	23.0	24.3	24.7
	6H	24.3	25.5	24.7	25.9	26.3	23.1	24.3	23.5	24.7	25.1
	8H	24.4	25.6	24.9	26.0	26.4	23.2	24.4	23.7	24.8	25.2
	12H	24.5	25.7	25.0	26.0	26.5	23.3	24.5	23.8	24.9	25.3
4H	2H	22.0	23.3	22.4	23.6	24.0	21.0	22.3	21.4	22.7	23.1
	3H	23.9	25.0	24.3	25.4	25.8	22.9	24.0	23.3	24.4	24.8
	4H	24.7	25.7	25.1	26.1	26.5	23.6	24.6	24.1	25.1	25.5
	6H	25.2	26.1	25.7	26.6	27.0	24.2	25.1	24.7	25.5	26.0
	8H	25.4	26.2	25.9	26.7	27.2	24.4	25.2	24.9	25.7	26.1
	12H	25.6	26.3	26.1	26.8	27.3	24.6	25.3	25.1	25.8	26.2
8H	4H	24.9	25.7	25.3	26.1	26.6	24.0	24.8	24.4	25.2	25.7
	6H	25.6	26.2	26.1	26.7	27.2	24.7	25.3	25.2	25.8	26.3
	8H	25.8	26.4	26.3	26.9	27.4	24.9	25.5	25.4	26.1	26.5
	12H	26.1	26.6	26.6	27.1	27.6	25.2	25.7	25.7	26.2	26.8
12H	4H	24.9	25.6	25.4	26.1	26.6	24.0	24.7	24.5	25.2	25.7
	6H	25.6	26.2	26.1	26.7	27.2	24.7	25.4	25.3	25.8	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.1	25.6	25.6	26.1	26.7

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 2856.668 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)