



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 2023-07-25
 [TEST DATE] 6/19/2023
 [MANUFACT] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-8-L10-850-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	8540
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	72.8
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	24933	21507	19618
55	22226	18900	17302
65	19594	16660	15337
75	16161	14183	13218
85	12192	11375	10960

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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	3783.379	3783.379	3783.379	3783.379	3783.379
0.5	3850.081	3786.482	3764.765	3774.072	3755.458
1.0	3850.081	3784.930	3764.765	3774.072	3753.906
1.5	3848.530	3784.930	3763.214	3772.521	3752.355
2.0	3846.978	3781.828	3760.111	3770.970	3747.702
2.5	3845.427	3778.726	3758.560	3766.316	3744.599
3.0	3842.325	3775.623	3753.906	3763.214	3738.394
3.5	3839.222	3772.521	3749.253	3757.009	3732.190
4.0	3836.120	3769.418	3744.599	3752.355	3727.536
4.5	3833.018	3764.765	3739.946	3746.150	3719.780
5.0	3829.915	3760.111	3732.190	3738.394	3712.024
5.5	3823.710	3753.906	3725.985	3729.087	3701.166
6.0	3819.057	3747.702	3718.229	3721.331	3691.858
6.5	3814.403	3743.048	3710.473	3710.473	3681.000
7.0	3808.198	3735.292	3702.717	3699.614	3670.142
7.5	3801.994	3729.087	3693.410	3688.756	3657.732
8.0	3795.789	3719.780	3684.102	3676.346	3646.874
8.5	3788.033	3712.024	3673.244	3663.937	3632.913
9.0	3780.277	3704.268	3662.386	3649.976	3618.952
9.5	3772.521	3694.961	3649.976	3634.464	3603.440
10.0	3764.765	3685.654	3637.566	3620.503	3589.479
10.5	3755.458	3676.346	3625.157	3604.991	3570.865
11.0	3746.150	3665.488	3611.196	3589.479	3553.801
11.5	3735.292	3654.630	3597.235	3572.416	3536.738
12.0	3724.434	3642.220	3581.723	3555.353	3518.124
12.5	3715.126	3629.810	3566.211	3536.738	3497.958
13.0	3702.717	3617.401	3550.699	3518.124	3479.344
13.5	3690.307	3603.440	3533.636	3497.958	3459.178
14.0	3679.449	3589.479	3518.124	3479.344	3439.013
14.5	3665.488	3575.518	3499.509	3459.178	3417.296
15.0	3653.078	3561.557	3482.446	3437.461	3397.130
15.5	3639.118	3546.045	3462.281	3415.745	3373.862
16.0	3628.259	3532.085	3443.666	3394.028	3350.594
16.5	3617.401	3516.573	3423.501	3370.760	3327.326
17.0	3603.440	3501.061	3403.335	3347.492	3304.058
17.5	3583.274	3485.549	3383.169	3324.224	3279.239
18.0	3564.660	3471.588	3363.004	3299.404	3252.868
18.5	3546.045	3452.973	3341.287	3274.585	3226.498
19.0	3530.533	3432.808	3319.570	3248.215	3200.128
19.5	3513.470	3412.642	3297.853	3221.844	3172.206
20.0	3496.407	3392.477	3274.585	3197.025	3142.733
20.5	3477.793	3372.311	3252.868	3170.655	3114.812
21.0	3459.178	3353.697	3229.600	3142.733	3085.339
21.5	3440.564	3333.531	3206.332	3116.363	3057.417
22.0	3420.398	3311.814	3181.513	3088.441	3027.944
22.5	3401.784	3291.648	3158.245	3058.968	3000.023
23.0	3380.067	3269.932	3136.528	3031.047	2972.101
23.5	3359.901	3246.664	3111.709	3003.125	2942.628
24.0	3338.185	3224.947	3083.788	2975.203	2914.707
24.5	3316.468	3201.679	3057.417	2947.282	2885.234
25.0	3294.751	3179.962	3029.496	2917.809	2855.761
25.5	3273.034	3155.143	3003.125	2889.887	2826.288
26.0	3249.766	3131.875	2975.203	2860.415	2798.367
26.5	3228.049	3107.056	2948.833	2832.493	2770.445

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CANDELA TABULATION - (Cont.)

27.0	3203.230	3083.788	2920.911	2804.571	2740.972
27.5	3179.962	3057.417	2894.541	2776.650	2709.948
28.0	3156.694	3032.598	2866.619	2748.728	2682.027
28.5	3133.426	3007.779	2838.698	2719.255	2654.105
29.0	3108.607	2981.408	2812.327	2689.783	2626.183
29.5	3082.236	2955.038	2784.406	2660.310	2598.262
30.0	3057.417	2928.667	2756.484	2632.388	2568.789
30.5	3031.047	2903.848	2730.114	2604.466	2539.316
31.0	3004.676	2877.478	2702.192	2574.994	2509.843
31.5	2976.755	2849.556	2672.719	2545.521	2481.922
32.0	2950.384	2823.186	2644.798	2516.048	2452.449
32.5	2922.463	2795.264	2616.876	2486.575	2422.976
33.0	2896.092	2767.343	2587.403	2457.102	2393.503
33.5	2868.171	2739.421	2559.482	2429.181	2364.030
34.0	2840.249	2711.499	2531.560	2399.708	2334.557
34.5	2813.879	2682.027	2500.536	2370.235	2305.085
35.0	2785.957	2654.105	2472.614	2339.211	2275.612
35.5	2758.035	2624.632	2443.142	2309.738	2247.690
36.0	2728.563	2596.710	2415.220	2281.817	2218.217
36.5	2700.641	2567.238	2385.747	2252.344	2190.296
37.0	2672.719	2537.765	2356.274	2221.320	2160.823
37.5	2643.246	2508.292	2326.801	2193.398	2134.453
38.0	2615.325	2478.819	2297.329	2163.925	2104.980
38.5	2585.852	2449.346	2269.407	2136.004	2077.058
39.0	2556.379	2419.874	2238.383	2106.531	2049.137
39.5	2526.906	2390.401	2208.910	2078.609	2021.215
40.0	2495.882	2360.928	2179.437	2049.137	1993.293
40.5	2464.858	2331.455	2149.965	2022.766	1966.923
41.0	2435.386	2301.982	2120.492	1994.844	1937.450
41.5	2404.362	2270.958	2091.019	1966.923	1909.528
42.0	2373.338	2241.485	2063.097	1937.450	1883.158
42.5	2343.865	2210.461	2033.624	1909.528	1855.236
43.0	2312.841	2180.989	2005.703	1883.158	1828.866
43.5	2281.817	2149.965	1974.679	1856.788	1802.496
44.0	2250.793	2120.492	1946.757	1828.866	1776.125
44.5	2219.769	2091.019	1917.284	1800.944	1749.755
45.0	2190.296	2059.995	1889.363	1774.574	1723.384
45.5	2159.272	2030.522	1861.441	1748.204	1697.014
46.0	2128.248	2001.049	1833.520	1721.833	1672.195
46.5	2098.775	1970.025	1804.047	1695.463	1645.824
47.0	2067.751	1940.552	1776.125	1669.092	1621.005
47.5	2038.278	1911.080	1749.755	1641.171	1596.186
48.0	2007.254	1881.607	1721.833	1616.351	1569.815
48.5	1976.230	1852.134	1695.463	1589.981	1545.927
49.0	1946.757	1821.110	1665.990	1565.162	1520.953
49.5	1915.733	1791.637	1639.619	1538.636	1495.978
50.0	1886.260	1763.716	1611.698	1512.731	1471.004
50.5	1855.236	1734.243	1585.327	1488.222	1447.271
51.0	1825.764	1704.770	1557.406	1464.179	1423.692
51.5	1794.740	1675.297	1531.190	1439.670	1397.942
52.0	1765.267	1647.375	1503.889	1414.385	1373.744
52.5	1734.243	1617.903	1476.898	1389.100	1350.476
53.0	1704.770	1589.981	1450.218	1364.126	1325.656
53.5	1673.746	1562.059	1424.778	1340.703	1303.164
54.0	1644.273	1532.742	1399.028	1317.590	1279.431
54.5	1614.800	1504.044	1372.813	1293.857	1256.163

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CANDELA TABULATION - (Cont.)

55.0	1583.776	1475.968	1346.753	1269.348	1232.895
55.5	1554.303	1448.201	1321.468	1244.529	1209.161
56.0	1524.675	1420.590	1296.804	1220.640	1186.669
56.5	1495.668	1393.289	1271.675	1198.148	1164.331
57.0	1466.505	1365.677	1246.855	1175.965	1142.925
57.5	1437.963	1338.686	1222.812	1152.542	1120.743
58.0	1409.576	1312.161	1198.303	1128.654	1097.940
58.5	1382.120	1285.635	1173.328	1105.231	1075.758
59.0	1354.043	1259.885	1148.509	1082.583	1054.972
59.5	1326.432	1234.136	1124.310	1060.401	1033.565
60.0	1298.665	1208.696	1101.042	1038.839	1011.538
60.5	1271.675	1183.256	1078.085	1017.122	989.976
61.0	1244.839	1157.661	1054.817	994.940	969.190
61.5	1217.848	1132.066	1030.618	972.603	947.784
62.0	1190.857	1107.247	1007.040	950.576	926.377
62.5	1164.021	1082.738	984.702	929.325	905.591
63.0	1137.030	1057.764	963.296	908.538	885.270
63.5	1109.884	1032.945	941.889	888.993	864.950
64.0	1082.893	1007.970	919.862	869.448	844.629
64.5	1055.903	983.151	897.060	848.352	824.774
65.0	1028.756	958.642	874.722	826.325	805.228
65.5	1001.766	933.978	853.626	806.469	785.994
66.0	974.930	909.314	832.995	788.631	767.534
66.5	947.939	884.805	812.054	770.326	748.765
67.0	921.103	860.606	790.182	750.471	729.530
67.5	894.422	836.563	768.155	729.064	709.985
68.0	867.742	812.209	746.128	707.037	689.974
68.5	841.371	788.010	724.256	686.562	670.119
69.0	815.311	763.811	703.470	667.482	650.884
69.5	789.251	740.233	682.994	648.557	631.494
70.0	763.346	716.655	661.277	627.771	611.018
70.5	737.906	692.921	639.095	605.434	590.697
71.0	712.311	669.188	617.223	584.027	570.687
71.5	687.182	645.765	595.816	564.792	551.297
72.0	662.208	623.117	575.340	546.953	532.527
72.5	637.544	600.780	555.640	528.494	514.533
73.0	613.345	578.598	535.630	508.794	496.229
73.5	589.301	556.261	514.999	489.094	477.305
74.0	565.723	534.234	494.368	470.169	459.311
74.5	542.455	512.672	474.823	452.330	442.403
75.0	519.652	491.731	456.053	434.802	425.029
75.5	497.160	470.945	437.594	417.118	407.190
76.0	474.978	450.314	418.669	399.589	390.282
76.5	453.106	429.528	399.900	381.595	373.684
77.0	431.389	409.207	380.975	363.912	356.466
77.5	410.138	389.196	362.981	346.538	338.937
78.0	388.886	369.341	345.452	329.630	322.340
78.5	367.945	349.796	327.924	312.877	306.517
79.0	347.624	330.716	310.395	296.435	290.850
79.5	327.459	311.947	293.177	280.302	275.338
80.0	307.758	293.487	276.424	264.170	259.671
80.5	288.213	275.338	259.826	248.192	243.694
81.0	269.288	257.499	243.073	232.525	228.027
81.5	250.829	240.126	226.941	217.323	213.135
82.0	232.680	223.373	211.584	202.742	198.864
82.5	214.996	206.930	196.382	188.626	185.058

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CANDELA TABULATION - (Cont.)

83.0	197.623	190.643	181.491	174.355	171.563
83.5	180.560	174.510	166.444	160.239	158.067
84.0	163.962	158.998	151.397	146.278	144.262
84.5	147.829	143.796	136.816	132.628	130.921
85.0	132.007	128.905	123.165	119.442	118.667
85.5	116.495	114.168	109.825	107.033	107.188
86.0	101.449	99.587	96.795	95.554	95.554
86.5	86.867	85.626	83.765	83.455	83.765
87.0	72.596	72.131	71.045	71.045	71.510
87.5	58.946	58.480	58.635	59.411	59.721
88.0	45.760	46.071	47.467	48.553	49.018
88.5	33.506	34.592	37.229	37.539	37.849
89.0	22.648	24.354	25.905	23.423	23.268
89.5	15.667	16.132	12.099	11.479	12.720
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-L10-850-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-L10-850-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-L10-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1339.6	N.A.	15.70
0-30	2742.55	N.A.	32.10
0-40	4304.49	N.A.	50.40
0-60	7018.37	N.A.	82.20
0-80	8398.25	N.A.	98.30
0-90	8539.6	N.A.	100.00
10-90	8184.66	N.A.	95.80
20-40	2964.89	N.A.	34.70
20-50	4447.06	N.A.	52.10
40-70	3600.62	N.A.	42.20
60-80	1379.88	N.A.	16.20
70-80	493.15	N.A.	5.80
80-90	141.34	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	8539.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	354.94
10-20	984.66
20-30	1402.95
30-40	1561.94
40-50	1482.17
50-60	1231.71
60-70	886.74
70-80	493.15
80-90	141.34
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-L10-850-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-L10-850-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

X=2H	Y=2H	22.6	24.2	23.0	24.5	24.8	21.5	23.0	21.8	23.3	23.6
	3H	24.3	25.8	24.7	26.1	26.4	23.1	24.5	23.5	24.9	25.2
	4H	24.9	26.3	25.3	26.6	27.0	23.7	25.1	24.1	25.4	25.8
	6H	25.4	26.6	25.8	27.0	27.4	24.2	25.4	24.6	25.8	26.2
	8H	25.5	26.7	26.0	27.1	27.5	24.3	25.5	24.8	25.9	26.3
	12H	25.6	26.8	26.1	27.1	27.6	24.4	25.6	24.9	26.0	26.4

UGR Viewed Endwise

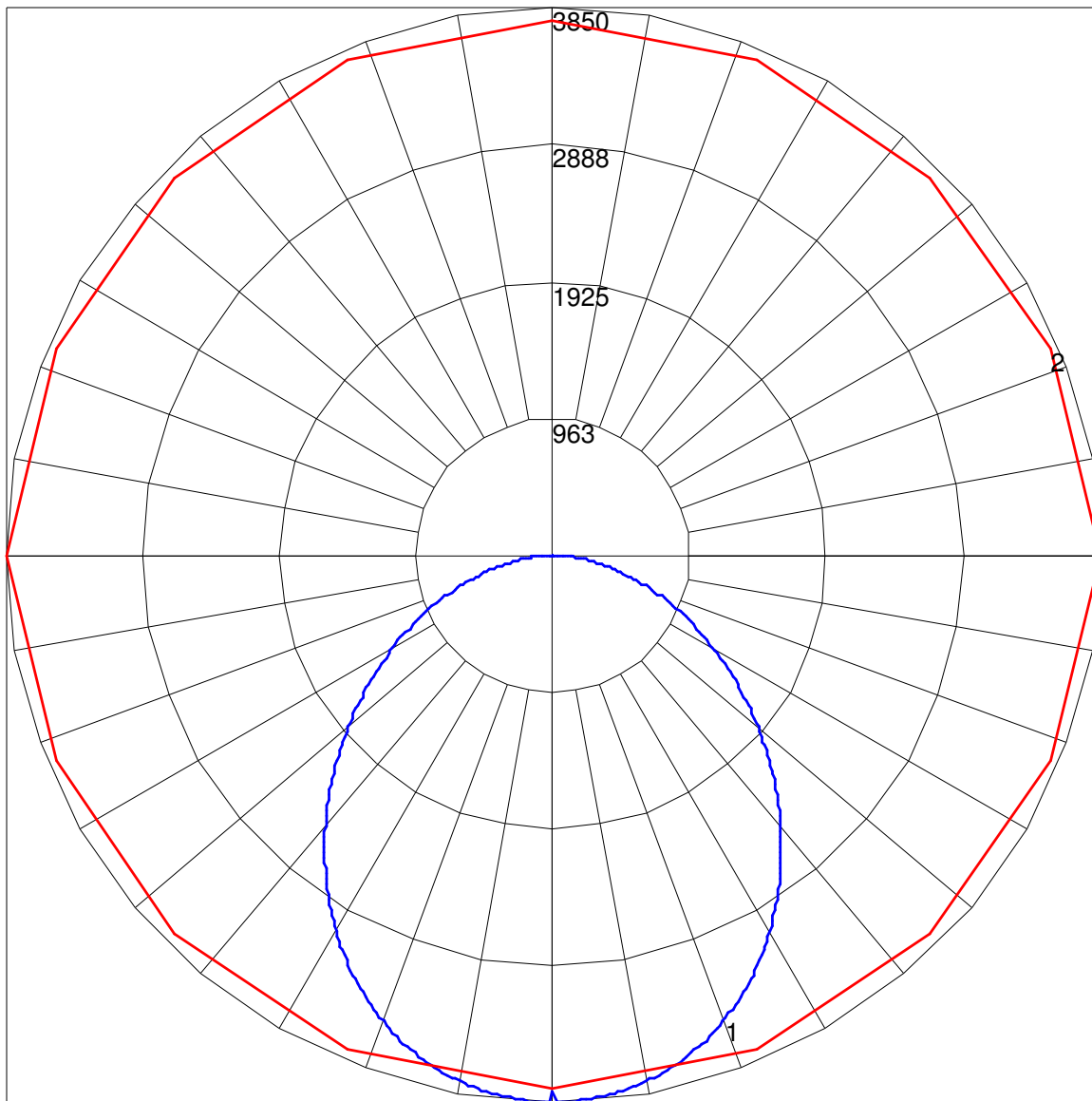
4H	2H	23.1	24.4	23.5	24.7	25.1	22.1	23.4	22.5	23.8	24.2
	3H	25.0	26.1	25.4	26.5	26.9	24.0	25.1	24.4	25.5	25.9
	4H	25.8	26.8	26.2	27.2	27.6	24.7	25.7	25.2	26.2	26.6
	6H	26.3	27.2	26.8	27.7	28.1	25.3	26.2	25.8	26.6	27.1
	8H	26.5	27.3	27.0	27.8	28.3	25.5	26.3	26.0	26.8	27.2
	12H	26.7	27.4	27.2	27.9	28.4	25.7	26.4	26.2	26.9	27.3

8H	4H	26.0	26.8	26.4	27.2	27.7	25.1	25.9	25.5	26.3	26.8
	6H	26.7	27.3	27.2	27.8	28.3	25.8	26.4	26.3	26.9	27.4
	8H	26.9	27.5	27.4	28.0	28.5	26.0	26.6	26.5	27.2	27.6
	12H	27.2	27.7	27.7	28.2	28.7	26.3	26.8	26.8	27.3	27.9

12H	4H	26.0	26.7	26.5	27.2	27.7	25.1	25.8	25.6	26.3	26.8
	6H	26.7	27.3	27.2	27.8	28.3	25.8	26.5	26.4	26.9	27.5
	8H	27.0	27.6	27.5	28.1	28.6	26.2	26.7	26.7	27.2	27.8

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 3850.081 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.)