



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN from UL #13638856.04
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 09-28-2022
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX5-8-L20-930-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	13159
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	131.2
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	14902	13064	11950
55	12945	11065	10024
65	10918	9302	8444
75	8696	7571	7001
85	6300	5809	5651

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	5759.586	5759.586	5759.586	5759.586	5759.586
0.5	5833.055	5761.295	5735.666	5754.461	5742.501
1.0	5833.055	5759.586	5733.958	5754.461	5740.792
1.5	5829.638	5757.878	5733.958	5752.752	5739.083
2.0	5827.929	5756.169	5730.541	5751.043	5737.375
2.5	5824.512	5752.752	5727.123	5747.626	5733.958
3.0	5821.095	5749.335	5723.706	5744.209	5728.832
3.5	5817.678	5745.918	5720.289	5740.792	5725.415
4.0	5814.260	5740.792	5715.163	5735.666	5718.581
4.5	5809.135	5735.666	5710.038	5728.832	5711.746
5.0	5804.009	5728.832	5703.203	5721.998	5703.203
5.5	5797.175	5723.706	5696.369	5713.455	5694.661
6.0	5790.341	5716.872	5687.826	5704.912	5684.409
6.5	5785.215	5708.329	5679.284	5694.661	5674.158
7.0	5776.672	5699.786	5670.741	5684.409	5663.906
7.5	5768.129	5691.244	5660.489	5672.449	5651.946
8.0	5759.586	5682.701	5650.238	5660.489	5639.986
8.5	5751.043	5672.449	5638.278	5646.821	5626.318
9.0	5740.792	5662.198	5626.318	5631.444	5610.941
9.5	5730.541	5651.946	5612.649	5616.066	5595.564
10.0	5720.289	5639.986	5598.981	5600.689	5578.478
10.5	5708.329	5628.026	5583.604	5583.604	5559.684
11.0	5696.369	5614.358	5568.227	5564.809	5540.889
11.5	5684.409	5600.689	5552.849	5546.015	5520.387
12.0	5670.741	5587.021	5534.055	5527.221	5498.175
12.5	5657.072	5571.644	5516.969	5505.009	5477.672
13.0	5641.695	5556.267	5498.175	5484.507	5453.752
13.5	5626.318	5539.181	5479.381	5462.295	5431.541
14.0	5610.941	5522.095	5460.587	5438.375	5407.621
14.5	5593.855	5505.009	5440.084	5414.455	5381.993
15.0	5576.769	5486.215	5417.872	5390.535	5356.364
15.5	5559.684	5467.421	5395.661	5364.907	5330.735
16.0	5540.889	5446.918	5371.741	5337.570	5303.398
16.5	5520.387	5426.415	5347.821	5310.233	5274.353
17.0	5499.884	5405.912	5322.193	5282.896	5243.598
17.5	5479.381	5383.701	5296.564	5253.850	5212.844
18.0	5458.878	5361.490	5270.936	5223.096	5180.381
18.5	5436.667	5337.570	5243.598	5190.633	5147.919
19.0	5414.455	5313.650	5214.553	5158.170	5113.747
19.5	5392.244	5289.730	5185.507	5123.999	5077.867
20.0	5368.324	5264.101	5156.461	5088.119	5040.279
20.5	5344.404	5238.473	5125.707	5052.239	5002.690
21.0	5318.775	5212.844	5094.953	5014.650	4963.393
21.5	5293.147	5185.507	5064.199	4975.353	4924.096
22.0	5265.810	5158.170	5030.027	4936.056	4884.799
22.5	5240.181	5129.124	4997.564	4896.759	4845.502
23.0	5211.136	5100.079	4963.393	4857.462	4804.496
23.5	5183.798	5069.324	4927.513	4816.456	4761.782
24.0	5154.753	5038.570	4891.633	4775.450	4720.776
24.5	5125.707	5006.107	4855.753	4734.445	4678.062
25.0	5093.244	4973.645	4818.165	4693.439	4635.348
25.5	5062.490	4941.182	4780.576	4652.434	4590.925
26.0	5031.736	4907.010	4741.279	4611.428	4546.502
26.5	4999.273	4872.839	4701.982	4568.714	4503.788

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4965.102	4838.668	4662.685	4525.999	4461.074
27.5	4930.930	4802.788	4623.388	4483.285	4416.651
28.0	4896.759	4765.199	4582.382	4440.571	4372.228
28.5	4860.879	4727.611	4541.377	4396.148	4327.805
29.0	4824.999	4690.022	4500.371	4351.725	4283.383
29.5	4789.119	4652.434	4457.657	4307.303	4238.960
30.0	4751.531	4613.136	4414.942	4261.171	4192.828
30.5	4713.942	4573.839	4372.228	4215.040	4148.406
31.0	4676.353	4534.542	4329.514	4168.908	4100.566
31.5	4637.056	4495.245	4285.091	4122.777	4054.434
32.0	4597.759	4454.240	4240.668	4074.937	4006.594
32.5	4558.462	4413.234	4196.246	4027.097	3958.754
33.0	4517.457	4370.520	4150.114	3979.257	3909.206
33.5	4478.159	4327.805	4103.983	3929.709	3859.657
34.0	4435.445	4285.091	4057.851	3881.869	3810.109
34.5	4394.440	4240.668	4011.720	3832.320	3760.560
35.0	4351.725	4197.954	3963.880	3784.480	3711.012
35.5	4309.011	4151.823	3916.040	3734.932	3661.463
36.0	4264.588	4107.400	3868.200	3685.383	3611.915
36.5	4220.166	4061.269	3820.360	3635.835	3562.366
37.0	4175.743	4013.429	3770.812	3586.286	3512.818
37.5	4129.611	3967.297	3722.972	3536.738	3463.269
38.0	4085.189	3921.166	3673.423	3487.189	3413.721
38.5	4037.349	3873.326	3623.875	3435.932	3364.172
39.0	3991.217	3825.486	3576.035	3388.092	3314.624
39.5	3943.377	3775.938	3526.487	3338.544	3266.784
40.0	3895.537	3728.098	3476.938	3288.995	3217.236
40.5	3847.698	3680.258	3427.390	3239.447	3167.687
41.0	3799.858	3630.709	3379.550	3189.898	3119.847
41.5	3752.018	3582.869	3330.001	3140.350	3070.299
42.0	3702.469	3533.321	3282.161	3090.801	3020.750
42.5	3652.921	3485.481	3232.613	3041.253	2972.910
43.0	3605.081	3435.932	3183.064	2993.413	2923.362
43.5	3555.532	3386.384	3133.516	2943.864	2875.522
44.0	3505.984	3338.544	3083.967	2896.025	2825.973
44.5	3456.435	3288.995	3034.419	2848.185	2778.133
45.0	3406.887	3239.447	2986.579	2800.345	2732.002
45.5	3357.338	3189.898	2937.030	2754.213	2684.162
46.0	3306.081	3138.641	2887.482	2706.373	2638.031
46.5	3256.533	3089.093	2839.642	2658.533	2591.899
47.0	3206.984	3037.836	2791.802	2612.402	2545.768
47.5	3154.018	2988.287	2742.253	2566.271	2499.637
48.0	3102.761	2938.739	2694.413	2520.139	2455.214
48.5	3051.504	2889.190	2648.282	2474.008	2410.791
49.0	3000.247	2837.933	2600.442	2427.877	2366.368
49.5	2948.990	2788.385	2552.602	2383.454	2321.945
50.0	2899.442	2738.836	2504.762	2337.322	2277.523
50.5	2848.185	2689.288	2458.631	2292.900	2233.100
51.0	2798.636	2639.739	2410.791	2248.477	2190.386
51.5	2747.379	2590.191	2364.660	2204.054	2147.671
52.0	2697.831	2542.351	2318.528	2161.340	2104.957
52.5	2646.573	2494.511	2272.397	2116.917	2062.243
53.0	2597.025	2444.962	2227.974	2074.203	2021.237
53.5	2547.476	2397.122	2183.551	2033.197	1980.232
54.0	2497.928	2350.991	2139.128	1990.483	1939.226
54.5	2448.379	2303.151	2094.706	1949.477	1898.220

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2400.540	2257.020	2051.991	1910.180	1858.923
55.5	2352.700	2212.597	2007.569	1869.175	1817.917
56.0	2303.151	2164.757	1964.854	1829.877	1780.329
56.5	2255.311	2120.334	1923.849	1790.580	1741.032
57.0	2209.180	2074.203	1881.135	1751.283	1702.760
57.5	2161.340	2029.780	1840.129	1713.695	1666.367
58.0	2115.208	1985.357	1799.123	1675.765	1629.975
58.5	2067.369	1940.934	1758.118	1638.347	1593.753
59.0	2021.237	1898.220	1718.820	1601.271	1557.702
59.5	1976.814	1855.506	1678.669	1564.195	1521.652
60.0	1930.683	1812.792	1639.030	1527.290	1486.455
60.5	1886.260	1770.078	1600.246	1491.581	1451.600
61.0	1841.837	1727.363	1562.145	1455.530	1417.429
61.5	1797.415	1685.503	1524.385	1420.333	1383.258
62.0	1752.992	1643.985	1486.626	1384.966	1349.257
62.5	1708.569	1602.809	1449.550	1350.282	1315.256
63.0	1665.001	1562.316	1412.816	1315.769	1281.939
63.5	1621.261	1521.481	1376.594	1281.939	1248.622
64.0	1577.693	1481.329	1341.227	1248.964	1216.501
64.5	1534.808	1442.032	1305.859	1216.330	1184.893
65.0	1491.752	1402.393	1271.005	1184.209	1153.797
65.5	1449.550	1362.926	1236.150	1152.430	1122.872
66.0	1407.690	1324.141	1201.466	1121.163	1092.288
66.5	1365.659	1285.356	1167.124	1090.067	1062.047
67.0	1324.654	1247.426	1133.123	1059.313	1032.317
67.5	1283.990	1209.325	1099.635	1028.900	1003.272
68.0	1242.813	1172.078	1066.318	998.317	973.714
68.5	1202.491	1134.661	1033.172	967.734	944.155
69.0	1162.852	1097.756	1000.196	937.150	914.426
69.5	1123.555	1061.192	966.538	906.567	884.868
70.0	1085.283	1024.800	933.904	876.496	855.651
70.5	1047.524	989.091	901.954	846.938	826.777
71.0	1010.106	953.723	870.345	817.721	798.414
71.5	973.201	919.039	839.249	788.846	770.394
72.0	936.638	884.526	808.153	760.484	742.886
72.5	900.245	850.867	777.570	732.293	715.720
73.0	864.878	817.379	747.841	704.614	688.895
73.5	829.681	784.917	718.795	677.448	662.583
74.0	794.997	752.966	690.091	650.794	636.784
74.5	761.168	721.529	661.729	624.482	611.155
75.0	727.680	690.433	633.537	598.512	585.868
75.5	694.704	659.679	605.688	572.883	560.752
76.0	662.241	629.437	578.351	547.596	536.320
76.5	630.291	599.708	551.526	522.822	512.058
77.0	598.853	570.662	525.214	498.390	488.480
77.5	567.928	542.129	499.244	474.640	465.072
78.0	537.687	513.767	473.786	451.062	441.665
78.5	507.787	485.917	448.499	427.484	418.770
79.0	478.570	458.409	423.725	404.247	396.217
79.5	450.037	431.243	399.122	381.523	374.006
80.0	422.358	405.102	375.202	359.483	352.649
80.5	395.534	379.302	352.136	337.784	331.633
81.0	369.393	354.186	329.412	316.427	310.789
81.5	343.593	329.583	307.030	295.582	290.628
82.0	318.306	305.321	285.160	274.909	270.466
82.5	293.190	281.743	263.632	254.748	250.818

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	268.929	258.677	242.788	235.270	231.511
83.5	245.351	236.295	222.285	215.963	212.888
84.0	222.114	214.596	202.295	196.998	194.606
84.5	199.561	193.239	182.817	178.375	176.837
85.0	177.520	172.395	163.681	160.093	159.239
85.5	155.992	151.892	144.716	142.153	142.153
86.0	135.148	132.072	126.263	124.896	125.580
86.5	114.987	113.107	108.665	108.152	109.519
87.0	95.680	94.826	91.579	91.921	93.971
87.5	76.886	77.227	74.835	76.373	78.936
88.0	58.946	60.142	58.946	61.338	63.559
88.5	42.373	43.910	43.056	43.910	44.081
89.0	28.362	29.387	29.217	30.242	32.463
89.5	19.307	17.940	18.794	22.382	24.945
90.0	11.447	9.226	10.422	13.498	15.206
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

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

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-L20-930-S-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 : LRX5-8-L20-930-S-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 : LRX5-8-L20-930-S-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2074.9	N.A.	15.80
0-30	4299.15	N.A.	32.70
0-40	6792.39	N.A.	51.60
0-60	10994.63	N.A.	83.60
0-80	12968.43	N.A.	98.60
0-90	13158.84	N.A.	100.00
10-90	12615.49	N.A.	95.90
20-40	4717.5	N.A.	35.80
20-50	7049.26	N.A.	53.60
40-70	5488.59	N.A.	41.70
60-80	1973.79	N.A.	15.00
70-80	687.44	N.A.	5.20
80-90	190.41	N.A.	1.40
90-110	0.32	N.A.	0.00
90-120	0.32	N.A.	0.00
90-130	0.32	N.A.	0.00
90-150	0.32	N.A.	0.00
90-180	0.32	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	13159.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	543.35
10-20	1531.54
20-30	2224.26
30-40	2493.24
40-50	2331.76
50-60	1870.48
60-70	1286.35
70-80	687.44
80-90	190.41
90-100	0.32
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-L20-930-S-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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	75	68	90	81	74	68	78	72	67	75	70	65	73	68	64	62
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37
8	63	50	42	36	61	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	45	38	33	44	37	33	43	37	32	42	36	32	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	29	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-8-L20-930-S-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	20.7	22.2	21.1	22.6	22.9	19.4	20.9	19.8	21.3	21.6
	3H	22.3	23.7	22.6	24.0	24.3	20.9	22.3	21.3	22.6	23.0
	4H	22.8	24.1	23.2	24.5	24.8	21.5	22.8	21.9	23.1	23.5
	6H	23.2	24.4	23.6	24.8	25.2	21.9	23.1	22.3	23.5	23.9
	8H	23.3	24.5	23.8	24.9	25.3	22.0	23.2	22.4	23.6	24.0
	12H	23.4	24.5	23.8	24.9	25.3	22.1	23.2	22.5	23.6	24.0

UGR Viewed Endwise

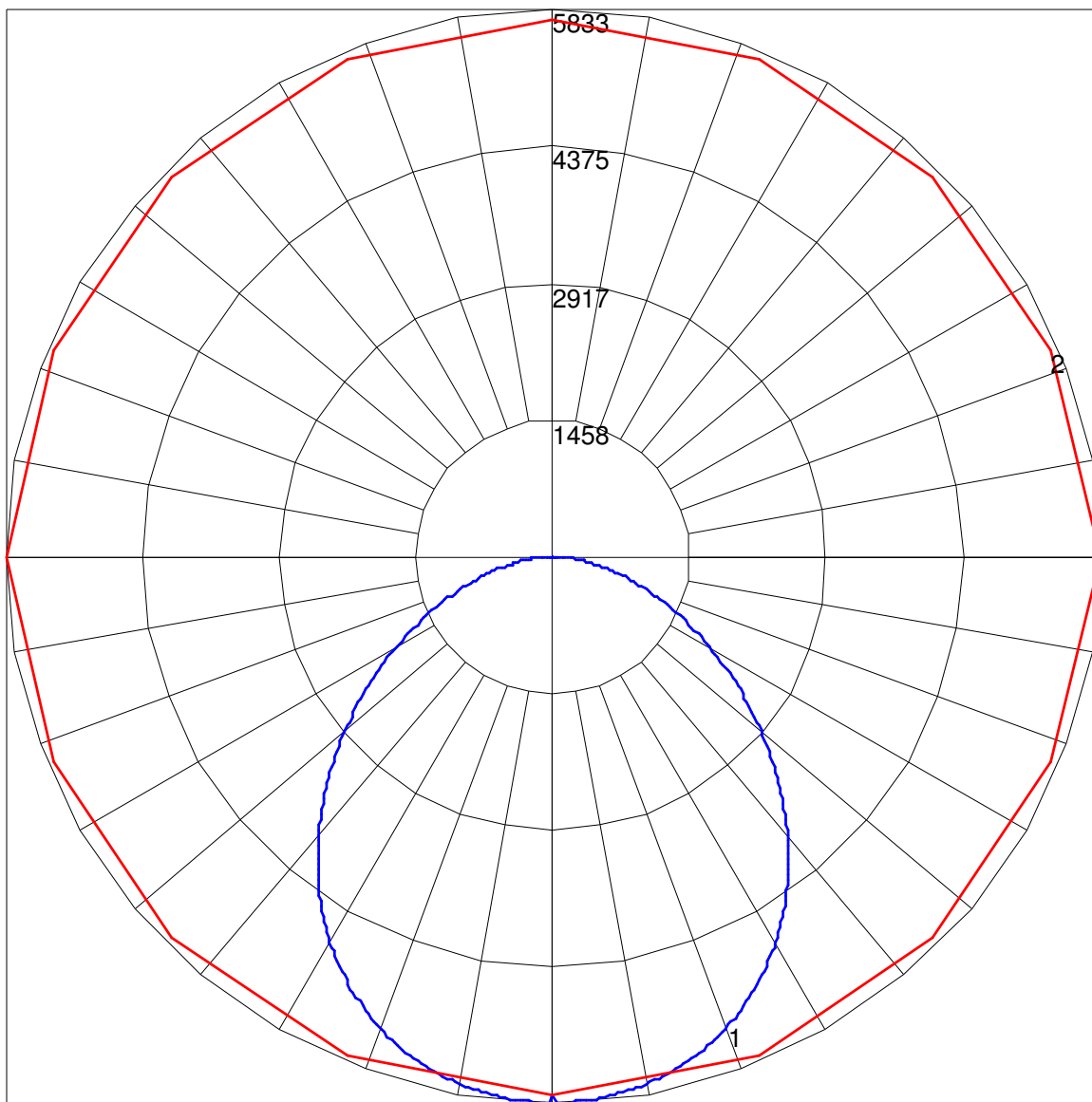
4H	2H	21.1	22.4	21.5	22.7	23.1	20.0	21.3	20.4	21.7	22.1
	3H	22.9	24.0	23.3	24.4	24.8	21.8	22.9	22.2	23.3	23.7
	4H	23.5	24.5	24.0	25.0	25.4	22.4	23.4	22.8	23.8	24.3
	6H	24.1	24.9	24.5	25.4	25.8	22.9	23.8	23.4	24.3	24.7
	8H	24.2	25.0	24.7	25.5	26.0	23.1	23.9	23.6	24.4	24.8
	12H	24.4	25.1	24.8	25.6	26.0	23.3	24.0	23.7	24.5	24.9

8H	4H	23.7	24.5	24.2	25.0	25.5	22.7	23.5	23.2	24.0	24.4
	6H	24.4	25.0	24.9	25.5	26.0	23.4	24.0	23.9	24.5	25.0
	8H	24.6	25.2	25.1	25.7	26.2	23.6	24.2	24.1	24.7	25.2
	12H	24.8	25.3	25.3	25.8	26.4	23.8	24.3	24.3	24.8	25.4

12H	4H	23.7	24.5	24.2	24.9	25.4	22.8	23.5	23.2	24.0	24.4
	6H	24.4	25.0	24.9	25.5	26.0	23.4	24.0	24.0	24.5	25.0
	8H	24.7	25.2	25.2	25.7	26.3	23.7	24.3	24.2	24.7	25.3

Maximum UGR = 26.4

POLAR GRAPH



Maximum Candela = 5833.055 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.)