



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-927-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-L8-927-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	5120
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
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	14949	12895	11762
55	13326	11332	10374
65	11748	9989	9195
75	9690	8504	7925
85	7310	6820	6571

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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	2268.425	2268.425	2268.425	2268.425	2268.425
0.5	2308.418	2270.285	2257.264	2262.845	2251.684
1.0	2308.418	2269.355	2257.264	2262.845	2250.754
1.5	2307.488	2269.355	2256.334	2261.915	2249.824
2.0	2306.558	2267.495	2254.474	2260.985	2247.034
2.5	2305.628	2265.635	2253.544	2258.194	2245.174
3.0	2303.768	2263.775	2250.754	2256.334	2241.453
3.5	2301.907	2261.915	2247.964	2252.614	2237.733
4.0	2300.047	2260.055	2245.174	2249.824	2234.943
4.5	2298.187	2257.264	2242.383	2246.104	2230.293
5.0	2296.327	2254.474	2237.733	2241.453	2225.642
5.5	2292.607	2250.754	2234.013	2235.873	2219.132
6.0	2289.817	2247.034	2229.362	2231.223	2213.551
6.5	2287.026	2244.243	2224.712	2224.712	2207.041
7.0	2283.306	2239.593	2220.062	2218.202	2200.530
7.5	2279.586	2235.873	2214.481	2211.691	2193.090
8.0	2275.866	2230.293	2208.901	2204.251	2186.580
8.5	2271.215	2225.642	2202.391	2196.810	2178.209
9.0	2266.565	2220.992	2195.880	2188.440	2169.838
9.5	2261.915	2215.412	2188.440	2179.139	2160.538
10.0	2257.264	2209.831	2180.999	2170.768	2152.167
10.5	2251.684	2204.251	2173.559	2161.468	2141.006
11.0	2246.104	2197.740	2165.188	2152.167	2130.776
11.5	2239.593	2191.230	2156.818	2141.936	2120.545
12.0	2233.083	2183.789	2147.517	2131.706	2109.384
12.5	2227.502	2176.349	2138.216	2120.545	2097.293
13.0	2220.062	2168.908	2128.916	2109.384	2086.133
13.5	2212.621	2160.538	2118.685	2097.293	2074.042
14.0	2206.111	2152.167	2109.384	2086.133	2061.951
14.5	2197.740	2143.797	2098.223	2074.042	2048.930
15.0	2190.300	2135.426	2087.993	2061.021	2036.839
15.5	2181.929	2126.125	2075.902	2048.000	2022.888
16.0	2175.419	2117.755	2064.741	2034.979	2008.937
16.5	2168.908	2108.454	2052.650	2021.028	1994.986
17.0	2160.538	2099.154	2040.560	2007.077	1981.035
17.5	2148.447	2089.853	2028.469	1993.126	1966.154
18.0	2137.286	2081.482	2016.378	1978.245	1950.343
18.5	2126.125	2070.322	2003.357	1963.364	1934.532
19.0	2116.825	2058.231	1990.336	1947.553	1918.721
19.5	2106.594	2046.140	1977.315	1931.742	1901.980
20.0	2096.363	2034.049	1963.364	1916.861	1884.309
20.5	2085.203	2021.958	1950.343	1901.050	1867.568
21.0	2074.042	2010.798	1936.392	1884.309	1849.897
21.5	2062.881	1998.707	1922.441	1868.498	1833.155
22.0	2050.790	1985.686	1907.560	1851.757	1815.484
22.5	2039.629	1973.595	1893.610	1834.085	1798.743
23.0	2026.609	1960.574	1880.589	1817.344	1782.002
23.5	2014.518	1946.623	1865.708	1800.603	1764.331
24.0	2001.497	1933.602	1848.966	1783.862	1747.590
24.5	1988.476	1919.651	1833.155	1767.121	1729.918
25.0	1975.455	1906.630	1816.414	1749.450	1712.247
25.5	1962.434	1891.749	1800.603	1732.708	1694.576
26.0	1948.483	1877.798	1783.862	1715.037	1677.835
26.5	1935.462	1862.917	1768.051	1698.296	1661.094

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CANDELA TABULATION - (Cont.)

27.0	1920.581	1848.966	1751.310	1681.555	1643.422
27.5	1906.630	1833.155	1735.499	1664.814	1624.821
28.0	1892.679	1818.274	1718.758	1648.073	1608.080
28.5	1878.728	1803.393	1702.016	1630.402	1591.339
29.0	1863.847	1787.582	1686.205	1612.730	1574.598
29.5	1848.036	1771.771	1669.464	1595.059	1557.857
30.0	1833.155	1755.960	1652.723	1578.318	1540.185
30.5	1817.344	1741.079	1636.912	1561.577	1522.514
31.0	1801.533	1725.268	1620.171	1543.906	1504.843
31.5	1784.792	1708.527	1602.500	1526.234	1488.102
32.0	1768.981	1692.716	1585.758	1508.563	1470.431
32.5	1752.240	1675.975	1569.017	1490.892	1452.759
33.0	1736.429	1659.233	1551.346	1473.221	1435.088
33.5	1719.688	1642.492	1534.605	1456.480	1417.417
34.0	1702.946	1625.751	1517.864	1438.808	1399.746
34.5	1687.135	1608.080	1499.263	1421.137	1382.075
35.0	1670.394	1591.339	1482.521	1402.536	1364.403
35.5	1653.653	1573.668	1464.850	1384.865	1347.662
36.0	1635.982	1556.926	1448.109	1368.124	1329.991
36.5	1619.241	1539.255	1430.438	1350.452	1313.250
37.0	1602.500	1521.584	1412.767	1331.851	1295.579
37.5	1584.828	1503.913	1395.095	1315.110	1279.768
38.0	1568.087	1486.242	1377.424	1297.439	1262.096
38.5	1550.416	1468.570	1360.683	1280.698	1245.355
39.0	1532.745	1450.899	1342.082	1263.026	1228.614
39.5	1515.074	1433.228	1324.411	1246.285	1211.873
40.0	1496.472	1415.557	1306.739	1228.614	1195.132
40.5	1477.871	1397.886	1289.068	1212.803	1179.321
41.0	1460.200	1380.214	1271.397	1196.062	1161.649
41.5	1441.599	1361.613	1253.726	1179.321	1144.908
42.0	1422.997	1343.942	1236.985	1161.649	1129.097
42.5	1405.326	1325.341	1219.313	1144.908	1112.356
43.0	1386.725	1307.669	1202.572	1129.097	1096.545
43.5	1368.124	1289.068	1183.971	1113.286	1080.734
44.0	1349.522	1271.397	1167.230	1096.545	1064.923
44.5	1330.921	1253.726	1149.559	1079.804	1049.112
45.0	1313.250	1235.124	1132.817	1063.993	1033.301
45.5	1294.649	1217.453	1116.076	1048.182	1017.490
46.0	1276.047	1199.782	1099.335	1032.371	1002.609
46.5	1258.376	1181.181	1081.664	1016.560	986.797
47.0	1239.775	1163.510	1064.923	1000.748	971.916
47.5	1222.104	1145.838	1049.112	984.007	957.035
48.0	1203.502	1128.167	1032.371	969.126	941.224
48.5	1184.901	1110.496	1016.560	953.315	926.901
49.0	1167.230	1091.895	998.888	938.434	911.927
49.5	1148.629	1074.223	983.077	922.530	896.953
50.0	1130.957	1057.482	966.336	906.998	881.979
50.5	1112.356	1039.811	950.525	892.303	867.749
51.0	1094.685	1022.140	933.784	877.887	853.612
51.5	1076.084	1004.469	918.066	863.192	838.173
52.0	1058.412	987.728	901.697	848.032	823.664
52.5	1039.811	970.056	885.514	832.872	809.713
53.0	1022.140	953.315	869.516	817.898	794.832
53.5	1003.539	936.574	854.263	803.854	781.346
54.0	985.867	918.996	838.824	789.996	767.116
54.5	968.196	901.790	823.106	775.766	753.166

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CANDELA TABULATION - (Cont.)

55.0	949.595	884.956	807.481	761.071	739.215
55.5	931.924	868.307	792.321	746.190	724.985
56.0	914.160	851.752	777.533	731.867	711.499
56.5	896.767	835.383	762.466	718.381	698.106
57.0	879.282	818.828	747.585	705.081	685.271
57.5	862.169	802.645	733.169	691.037	671.971
58.0	845.149	786.741	718.474	676.714	658.299
58.5	828.687	770.837	703.500	662.670	644.999
59.0	811.853	755.398	688.619	649.091	632.536
59.5	795.297	739.959	674.110	635.791	619.701
60.0	778.649	724.706	660.159	622.864	606.494
60.5	762.466	709.453	646.394	609.843	593.567
61.0	746.376	694.106	632.443	596.543	581.104
61.5	730.193	678.760	617.934	583.150	568.269
62.0	714.010	663.879	603.797	569.943	555.434
62.5	697.920	649.184	590.404	557.201	542.971
63.0	681.737	634.210	577.569	544.738	530.787
63.5	665.461	619.329	564.735	533.019	518.603
64.0	649.277	604.355	551.528	521.301	506.420
64.5	633.094	589.474	537.856	508.652	494.515
65.0	616.818	574.779	524.463	495.445	482.796
65.5	600.635	559.991	511.814	483.540	471.263
66.0	584.545	545.203	499.444	472.844	460.195
66.5	568.362	530.508	486.888	461.870	448.942
67.0	552.272	515.999	473.774	449.965	437.409
67.5	536.275	501.583	460.567	437.130	425.690
68.0	520.278	486.981	447.361	423.923	413.692
68.5	504.466	472.472	434.247	411.646	401.787
69.0	488.841	457.963	421.784	400.206	390.255
69.5	473.216	443.826	409.507	388.860	378.629
70.0	457.684	429.689	396.486	376.397	366.352
70.5	442.431	415.459	383.186	363.004	354.168
71.0	427.085	401.229	370.072	350.169	342.170
71.5	412.018	387.185	357.237	338.636	330.545
72.0	397.044	373.607	344.961	327.940	319.291
72.5	382.256	360.214	333.149	316.873	308.502
73.0	367.747	346.914	321.151	305.061	297.527
73.5	353.331	333.521	308.781	293.249	286.181
74.0	339.194	320.314	296.411	281.902	275.392
74.5	325.243	307.386	284.692	271.207	265.254
75.0	311.571	294.830	273.439	260.697	254.837
75.5	298.085	282.367	262.371	250.094	244.142
76.0	284.785	269.997	251.024	239.584	234.004
76.5	271.672	257.535	239.770	228.796	224.052
77.0	258.651	245.351	228.424	218.193	213.729
77.5	245.909	233.353	217.635	207.776	203.219
78.0	233.167	221.448	207.125	197.639	193.267
78.5	220.611	209.729	196.615	187.594	183.781
79.0	208.427	198.290	186.106	177.735	174.387
79.5	196.336	187.036	175.782	168.062	165.086
80.0	184.525	175.968	165.737	158.390	155.693
80.5	172.806	165.086	155.786	148.810	146.113
81.0	161.459	154.391	145.741	139.417	136.719
81.5	150.391	143.974	136.068	130.302	127.791
82.0	139.510	133.929	126.861	121.559	119.234
82.5	128.907	124.070	117.746	113.096	110.957

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CANDELA TABULATION - (Cont.)

83.0	118.490	114.305	108.817	104.539	102.865
83.5	108.259	104.632	99.796	96.076	94.773
84.0	98.308	95.332	90.774	87.705	86.496
84.5	88.635	86.217	82.032	79.520	78.497
85.0	79.148	77.288	73.847	71.615	71.150
85.5	69.848	68.453	65.849	64.174	64.267
86.0	60.826	59.710	58.036	57.292	57.292
86.5	52.084	51.340	50.223	50.037	50.223
87.0	43.527	43.248	42.597	42.597	42.876
87.5	35.342	35.063	35.156	35.621	35.807
88.0	27.437	27.623	28.460	29.111	29.390
88.5	20.089	20.740	22.322	22.508	22.694
89.0	13.579	14.602	15.532	14.044	13.951
89.5	9.394	9.673	7.254	6.882	7.627
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-L8-927-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-L8-927-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-L8-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	803.19	N.A.	15.70
0-30	1644.37	N.A.	32.10
0-40	2580.87	N.A.	50.40
0-60	4208.05	N.A.	82.20
0-80	5035.4	N.A.	98.30
0-90	5120.14	N.A.	100.00
10-90	4907.33	N.A.	95.80
20-40	1777.68	N.A.	34.70
20-50	2666.35	N.A.	52.10
40-70	2158.84	N.A.	42.20
60-80	827.34	N.A.	16.20
70-80	295.68	N.A.	5.80
80-90	84.75	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	5120.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	212.81
10-20	590.38
20-30	841.17
30-40	936.50
40-50	888.68
50-60	738.50
60-70	531.67
70-80	295.68
80-90	84.75
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-L8-927-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-L8-927-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	20.8	22.4	21.2	22.7	23.0	19.7	21.2	20.0	21.5	21.8
	3H	22.5	23.9	22.9	24.3	24.6	21.3	22.7	21.7	23.1	23.4
	4H	23.1	24.5	23.5	24.8	25.2	21.9	23.3	22.3	23.6	24.0
	6H	23.6	24.8	24.0	25.2	25.6	22.4	23.6	22.8	24.0	24.4
	8H	23.7	24.9	24.2	25.3	25.7	22.5	23.7	23.0	24.1	24.5
	12H	23.8	25.0	24.3	25.3	25.8	22.6	23.8	23.1	24.2	24.6

UGR Viewed Endwise

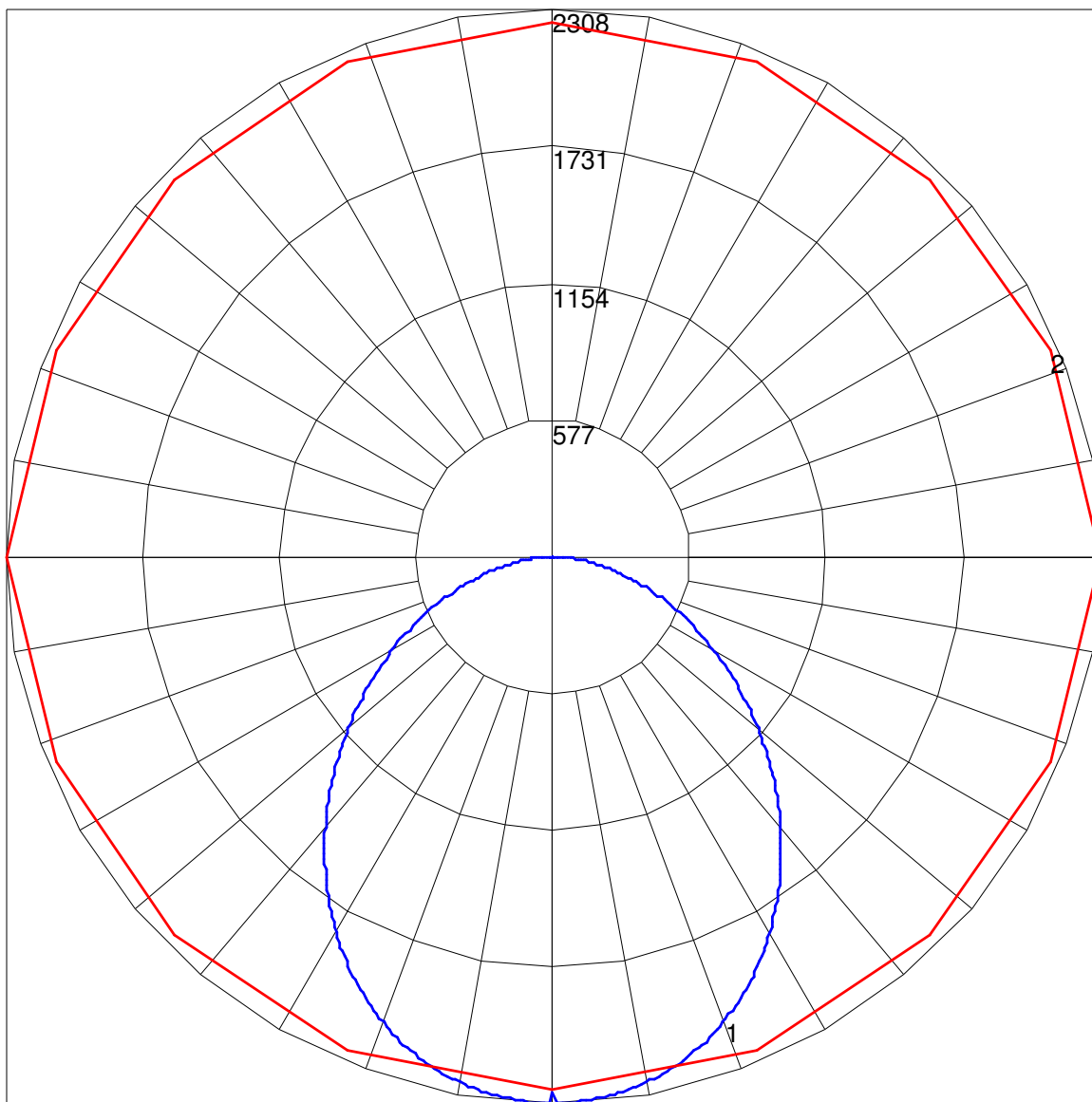
4H	2H	21.3	22.6	21.7	22.9	23.3	20.3	21.6	20.7	22.0	22.4
	3H	23.2	24.3	23.6	24.7	25.1	22.2	23.3	22.6	23.7	24.1
	4H	24.0	25.0	24.4	25.4	25.8	22.9	23.9	23.4	24.4	24.8
	6H	24.5	25.4	25.0	25.9	26.3	23.5	24.4	24.0	24.8	25.3
	8H	24.7	25.5	25.2	26.0	26.5	23.7	24.5	24.2	25.0	25.4
	12H	24.9	25.6	25.4	26.1	26.6	23.9	24.6	24.4	25.1	25.5

8H	4H	24.2	25.0	24.6	25.4	25.9	23.3	24.1	23.7	24.5	25.0
	6H	24.9	25.5	25.4	26.0	26.5	24.0	24.6	24.5	25.1	25.6
	8H	25.1	25.7	25.6	26.2	26.7	24.2	24.8	24.7	25.4	25.8
	12H	25.4	25.9	25.9	26.4	26.9	24.5	25.0	25.0	25.5	26.1

12H	4H	24.2	24.9	24.7	25.4	25.9	23.3	24.0	23.8	24.5	25.0
	6H	24.9	25.5	25.4	26.0	26.5	24.0	24.7	24.6	25.1	25.7
	8H	25.2	25.8	25.7	26.3	26.8	24.4	24.9	24.9	25.4	26.0

Maximum UGR = 26.9

POLAR GRAPH



Maximum Candela = 2308.418 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.)