



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-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] LRX2-6-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	4752
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	41.4
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)	6.00 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	2105.382	2105.382	2105.382	2105.382	2105.382
0.5	2142.500	2107.109	2095.024	2100.203	2089.844
1.0	2142.500	2106.245	2095.024	2100.203	2088.981
1.5	2141.637	2106.245	2094.160	2099.340	2088.118
2.0	2140.774	2104.519	2092.434	2098.476	2085.528
2.5	2139.911	2102.793	2091.571	2095.887	2083.802
3.0	2138.184	2101.066	2088.981	2094.160	2080.349
3.5	2136.458	2099.340	2086.391	2090.708	2076.896
4.0	2134.732	2097.613	2083.802	2088.118	2074.306
4.5	2133.005	2095.024	2081.212	2084.665	2069.990
5.0	2131.279	2092.434	2076.896	2080.349	2065.674
5.5	2127.826	2088.981	2073.443	2075.170	2059.632
6.0	2125.236	2085.528	2069.127	2070.854	2054.452
6.5	2122.646	2082.939	2064.811	2064.811	2048.410
7.0	2119.194	2078.623	2060.495	2058.769	2042.367
7.5	2115.741	2075.170	2055.316	2052.726	2035.462
8.0	2112.288	2069.990	2050.136	2045.820	2029.419
8.5	2107.972	2065.674	2044.094	2038.915	2021.650
9.0	2103.656	2061.358	2038.051	2031.146	2013.881
9.5	2099.340	2056.179	2031.146	2022.514	2005.249
10.0	2095.024	2051.000	2024.240	2014.745	1997.480
10.5	2089.844	2045.820	2017.334	2006.112	1987.122
11.0	2084.665	2039.778	2009.565	1997.480	1977.626
11.5	2078.623	2033.735	2001.796	1987.985	1968.131
12.0	2072.580	2026.830	1993.164	1978.490	1957.772
12.5	2067.401	2019.924	1984.532	1968.131	1946.551
13.0	2060.495	2013.018	1975.900	1957.772	1936.192
13.5	2053.589	2005.249	1966.405	1946.551	1924.970
14.0	2047.547	1997.480	1957.772	1936.192	1913.748
14.5	2039.778	1989.711	1947.414	1924.970	1901.663
15.0	2032.872	1981.942	1937.918	1912.885	1890.442
15.5	2025.103	1973.310	1926.697	1900.800	1877.493
16.0	2019.061	1965.541	1916.338	1888.715	1864.545
16.5	2013.018	1956.909	1905.116	1875.767	1851.597
17.0	2005.249	1948.277	1893.894	1862.819	1838.649
17.5	1994.027	1939.645	1882.673	1849.870	1824.837
18.0	1983.669	1931.876	1871.451	1836.059	1810.163
18.5	1973.310	1921.517	1859.366	1822.248	1795.488
19.0	1964.678	1910.296	1847.281	1807.573	1780.813
19.5	1955.183	1899.074	1835.196	1792.898	1765.275
20.0	1945.687	1887.852	1822.248	1779.087	1748.874
20.5	1935.329	1876.630	1810.163	1764.412	1733.336
21.0	1924.970	1866.272	1797.214	1748.874	1716.935
21.5	1914.612	1855.050	1784.266	1734.200	1701.397
22.0	1903.390	1842.965	1770.455	1718.662	1684.996
22.5	1893.031	1831.743	1757.506	1702.261	1669.458
23.0	1880.946	1819.658	1745.421	1686.723	1653.921
23.5	1869.724	1806.710	1731.610	1671.185	1637.519
24.0	1857.639	1794.625	1716.072	1655.647	1621.982
24.5	1845.554	1781.676	1701.397	1640.109	1605.581
25.0	1833.469	1769.591	1685.860	1623.708	1589.179
25.5	1821.384	1755.780	1671.185	1608.170	1572.778
26.0	1808.436	1742.832	1655.647	1591.769	1557.240
26.5	1796.351	1729.020	1640.972	1576.231	1541.703

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CANDELA TABULATION - (Cont.)

27.0	1782.540	1716.072	1625.434	1560.693	1525.301
27.5	1769.591	1701.397	1610.760	1545.155	1508.037
28.0	1756.643	1687.586	1595.222	1529.618	1492.499
28.5	1743.695	1673.775	1579.684	1513.216	1476.961
29.0	1729.884	1659.100	1565.009	1496.815	1461.424
29.5	1715.209	1644.425	1549.472	1480.414	1445.886
30.0	1701.397	1629.751	1533.934	1464.876	1429.485
30.5	1686.723	1615.939	1519.259	1449.339	1413.083
31.0	1672.048	1601.264	1503.721	1432.937	1396.682
31.5	1656.510	1585.727	1487.320	1416.536	1381.145
32.0	1641.836	1571.052	1471.782	1400.135	1364.743
32.5	1626.298	1555.514	1456.244	1383.734	1348.342
33.0	1611.623	1539.976	1439.843	1367.333	1331.941
33.5	1596.085	1524.438	1424.305	1351.795	1315.540
34.0	1580.547	1508.900	1408.767	1335.394	1299.139
34.5	1565.873	1492.499	1391.503	1318.993	1282.738
35.0	1550.335	1476.961	1375.965	1301.729	1266.337
35.5	1534.797	1460.560	1359.564	1285.328	1250.799
36.0	1518.396	1445.022	1344.026	1269.790	1234.398
36.5	1502.858	1428.621	1327.625	1253.389	1218.860
37.0	1487.320	1412.220	1311.224	1236.124	1202.459
37.5	1470.919	1395.819	1294.823	1220.586	1187.784
38.0	1455.381	1379.418	1278.422	1204.185	1171.383
38.5	1438.980	1363.017	1262.884	1188.648	1155.845
39.0	1422.579	1346.616	1245.620	1172.246	1140.307
39.5	1406.178	1330.215	1229.219	1156.709	1124.770
40.0	1388.913	1313.814	1212.818	1140.307	1109.232
40.5	1371.649	1297.413	1196.416	1125.633	1094.557
41.0	1355.248	1281.012	1180.015	1110.095	1078.156
41.5	1337.984	1263.747	1163.614	1094.557	1062.618
42.0	1320.719	1247.346	1148.076	1078.156	1047.943
42.5	1304.318	1230.082	1131.675	1062.618	1032.406
43.0	1287.054	1213.681	1116.137	1047.943	1017.731
43.5	1269.790	1196.416	1098.873	1033.269	1003.056
44.0	1252.525	1180.015	1083.335	1017.731	988.382
44.5	1235.261	1163.614	1066.934	1002.193	973.707
45.0	1218.860	1146.350	1051.396	987.518	959.032
45.5	1201.596	1129.949	1035.858	972.844	944.358
46.0	1184.331	1113.548	1020.321	958.169	930.546
46.5	1167.930	1096.283	1003.919	943.494	915.871
47.0	1150.666	1079.882	988.382	928.820	902.060
47.5	1134.265	1063.481	973.707	913.282	888.249
48.0	1117.001	1047.080	958.169	899.470	873.574
48.5	1099.736	1030.679	943.494	884.796	860.280
49.0	1083.335	1013.415	927.093	870.984	846.383
49.5	1066.071	997.014	912.419	856.223	832.485
50.0	1049.670	981.476	896.881	841.808	818.587
50.5	1032.406	965.075	882.206	828.169	805.380
51.0	1016.004	948.674	866.668	814.789	792.259
51.5	998.740	932.273	852.080	801.150	777.930
52.0	982.339	916.735	836.887	787.080	764.463
52.5	965.075	900.334	821.867	773.009	751.515
53.0	948.674	884.796	807.020	759.112	737.704
53.5	931.409	869.258	792.863	746.077	725.187
54.0	915.008	852.943	778.534	733.215	711.980
54.5	898.607	836.974	763.946	720.008	699.032

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CANDELA TABULATION - (Cont.)

55.0	881.343	821.349	749.444	706.369	686.084
55.5	864.942	805.898	735.373	692.558	672.876
56.0	848.454	790.533	721.648	679.264	660.360
56.5	832.312	775.340	707.664	666.748	647.929
57.0	816.084	759.975	693.852	654.404	636.017
57.5	800.201	744.955	680.473	641.369	623.673
58.0	784.404	730.194	666.834	628.075	610.984
58.5	769.125	715.433	652.936	615.041	598.640
59.0	753.501	701.103	639.125	602.438	587.073
59.5	738.135	686.774	625.658	590.094	575.160
60.0	722.684	672.617	612.710	578.095	562.903
60.5	707.664	658.461	599.935	566.010	550.904
61.0	692.730	644.218	586.986	553.666	539.337
61.5	677.710	629.975	573.520	541.236	527.425
62.0	662.690	616.163	560.399	528.978	515.512
62.5	647.757	602.524	547.969	517.152	503.945
63.0	632.737	588.627	536.057	505.585	492.637
63.5	617.631	574.815	524.144	494.709	481.329
64.0	602.611	560.917	511.887	483.832	470.021
64.5	587.591	547.106	499.197	472.092	458.972
65.0	572.484	533.467	486.767	459.835	448.095
65.5	557.464	519.742	475.027	448.786	437.391
66.0	542.531	506.017	463.547	438.859	427.119
66.5	527.511	492.378	451.893	428.673	416.674
67.0	512.577	478.912	439.722	417.624	405.970
67.5	497.730	465.532	427.464	405.711	395.094
68.0	482.883	451.980	415.207	393.454	383.958
68.5	468.208	438.513	403.035	382.059	372.909
69.0	453.706	425.047	391.468	371.442	362.205
69.5	439.204	411.926	380.074	360.910	351.415
70.0	424.788	398.805	367.989	349.343	340.021
70.5	410.632	385.598	355.645	336.913	328.712
71.0	396.388	372.391	343.473	325.001	317.577
71.5	382.404	359.357	331.561	314.297	306.787
72.0	368.507	346.754	320.167	304.370	296.342
72.5	354.781	334.323	309.204	294.097	286.329
73.0	341.315	321.979	298.068	283.135	276.143
73.5	327.936	309.549	286.587	272.172	265.611
74.0	314.815	297.291	275.107	261.641	255.598
74.5	301.866	285.293	264.230	251.714	246.189
75.0	289.177	273.639	253.785	241.959	236.521
75.5	276.661	262.072	243.513	232.119	226.594
76.0	264.317	250.591	232.982	222.364	217.185
76.5	252.145	239.024	222.537	212.351	207.949
77.0	240.060	227.716	212.006	202.510	198.367
77.5	228.234	216.581	201.992	192.842	188.613
78.0	216.408	205.532	192.238	183.433	179.376
78.5	204.755	194.655	182.484	174.111	170.571
79.0	193.447	184.038	172.729	164.960	161.853
79.5	182.225	173.593	163.148	155.983	153.221
80.0	171.262	163.320	153.825	147.006	144.502
80.5	160.385	153.221	144.589	138.114	135.611
81.0	149.854	143.294	135.266	129.396	126.893
81.5	139.582	133.626	126.288	120.936	118.606
82.0	129.482	124.303	117.743	112.822	110.664
82.5	119.642	115.153	109.283	104.967	102.982

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CANDELA TABULATION - (Cont.)

83.0	109.974	106.089	100.996	97.025	95.472
83.5	100.478	97.112	92.623	89.170	87.962
84.0	91.242	88.480	84.250	81.401	80.279
84.5	82.264	80.020	76.136	73.805	72.855
85.0	73.460	71.733	68.539	66.468	66.036
85.5	64.827	63.533	61.116	59.562	59.648
86.0	56.454	55.418	53.865	53.174	53.174
86.5	48.340	47.649	46.614	46.441	46.614
87.0	40.398	40.140	39.535	39.535	39.794
87.5	32.802	32.543	32.630	33.061	33.234
88.0	25.465	25.637	26.414	27.019	27.278
88.5	18.645	19.250	20.717	20.890	21.062
89.0	12.603	13.552	14.416	13.035	12.948
89.5	8.718	8.977	6.733	6.388	7.078
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 : LRX2-6-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 : LRX2-6-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 : LRX2-6-L8-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	745.46	N.A.	15.70
0-30	1526.18	N.A.	32.10
0-40	2395.37	N.A.	50.40
0-60	3905.6	N.A.	82.20
0-80	4673.48	N.A.	98.30
0-90	4752.13	N.A.	100.00
10-90	4554.61	N.A.	95.80
20-40	1649.91	N.A.	34.70
20-50	2474.71	N.A.	52.10
40-70	2003.68	N.A.	42.20
60-80	767.88	N.A.	16.20
70-80	274.43	N.A.	5.80
80-90	78.65	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	4752.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	197.52
10-20	547.95
20-30	780.72
30-40	869.19
40-50	824.80
50-60	685.42
60-70	493.45
70-80	274.43
80-90	78.65
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 : LRX2-6-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 : LRX2-6-L8-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

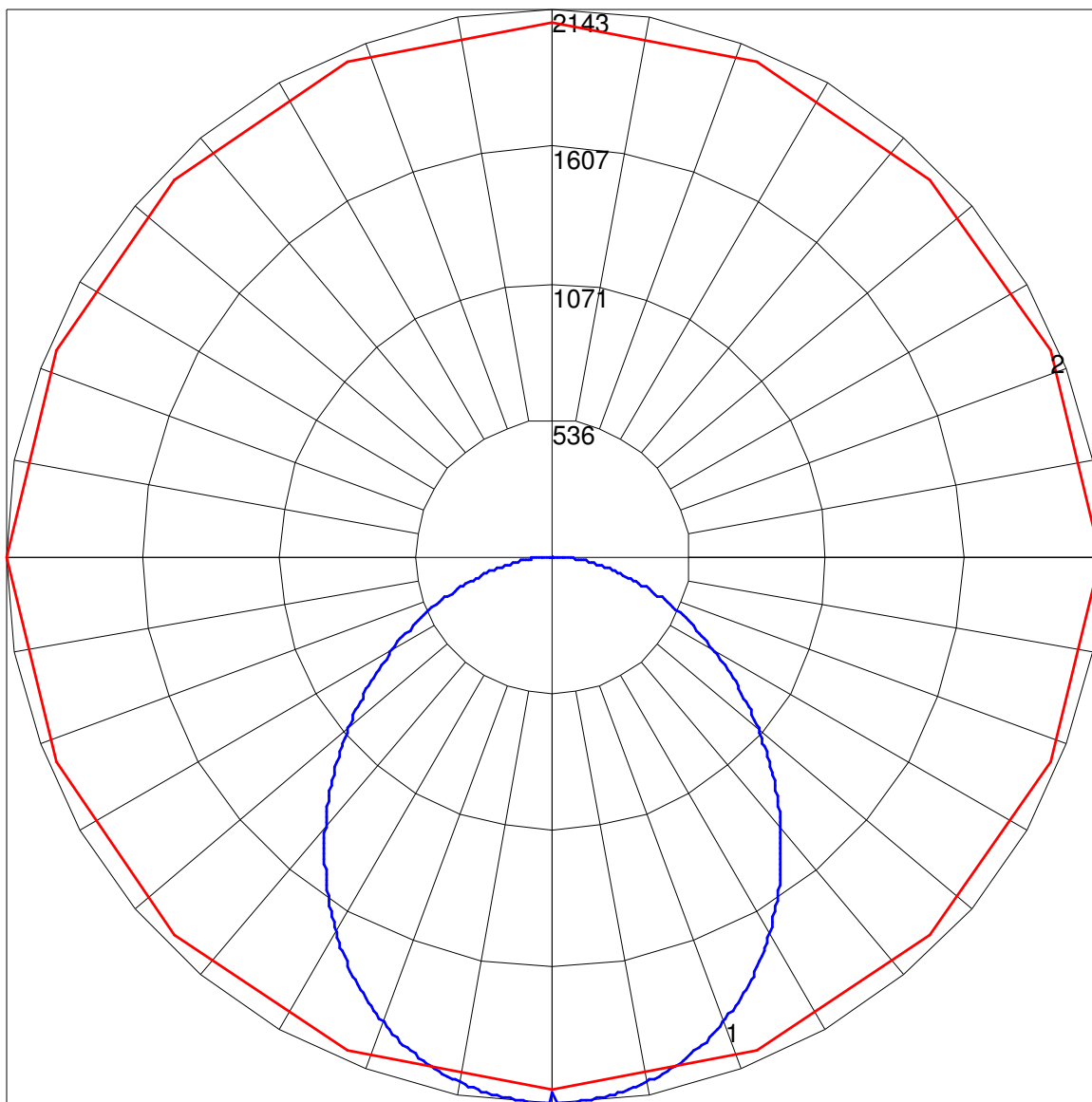
Reflectances

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 = 2142.5 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.)