



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 10T596LED80DMVXXSW40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]10T596LED80DMVxxSW40
 [TESTLAB]Radiant Vision Systems ProSource
 [ISSUE DATE]2/24/2017 9:47:58 AM
 [TEST DATE]24-Feb-2017 06:38:39
 [MANUFACT]Mobern Lighting Co.
 [LAMP]
 [NUMBER OF FRAYS]10000000
 [OTHER]Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6842
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	77.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.34 m
Luminous Width (90-270)	0.08 m
Luminous Height	0.08 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9199	6147	5805
55	8880	5432	5202
65	7799	4757	4859
75	6793	4268	4379
85	4049	3883	4193

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CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109
3	1871.052	1870.294	1869.397	1870.512	1869.920	1870.400	1871.221	1871.829	1872.259	1872.546
6	1855.076	1853.720	1854.271	1854.628	1855.360	1856.750	1859.506	1861.394	1862.334	1863.179
9	1840.272	1837.215	1834.711	1832.100	1836.207	1843.379	1850.237	1851.789	1849.211	1845.858
12	1818.595	1814.339	1808.774	1806.619	1816.053	1829.848	1842.643	1842.931	1833.481	1824.158
15	1781.460	1780.988	1781.477	1777.242	1782.745	1803.275	1819.297	1822.624	1810.617	1802.263
18	1736.094	1747.130	1750.933	1746.197	1744.228	1762.065	1780.126	1789.589	1785.151	1779.299
21	1691.557	1705.332	1717.188	1712.257	1711.303	1724.924	1744.439	1762.081	1762.474	1753.484
24	1647.893	1658.342	1673.630	1672.052	1678.284	1693.206	1712.010	1735.888	1737.983	1724.314
27	1602.505	1606.992	1615.177	1631.020	1643.678	1657.222	1677.037	1694.855	1698.943	1692.154
30	1551.967	1546.560	1551.393	1579.023	1596.385	1611.665	1637.146	1648.398	1655.927	1659.490
33	1494.281	1480.563	1492.852	1522.314	1543.784	1567.254	1597.674	1604.780	1622.664	1627.767
36	1434.020	1409.902	1441.650	1461.800	1484.947	1517.421	1554.614	1567.524	1590.885	1592.597
39	1372.920	1331.696	1386.577	1386.690	1426.632	1461.467	1496.268	1524.375	1549.929	1550.163
42	1295.787	1258.211	1315.556	1323.843	1380.092	1402.948	1435.877	1464.788	1499.012	1504.257
45	1193.402	1205.964	1238.932	1252.732	1325.957	1346.669	1384.126	1409.688	1448.010	1458.846
48	1096.948	1149.646	1162.911	1176.587	1265.501	1292.421	1343.682	1371.692	1401.856	1410.803
51	1033.630	1068.913	1080.052	1112.568	1202.122	1236.097	1297.634	1335.248	1360.701	1357.220
54	975.380	955.969	1003.516	1037.262	1128.325	1176.751	1236.390	1290.122	1314.111	1303.361
57	890.442	890.351	909.924	969.162	1060.120	1114.715	1176.442	1238.514	1265.338	1255.226
60	787.977	798.555	831.710	896.408	984.943	1062.455	1118.119	1184.241	1213.952	1213.734
63	686.133	705.798	772.495	832.871	902.982	1011.591	1065.409	1128.941	1161.415	1176.357
66	596.690	620.642	692.469	759.852	839.827	952.577	1012.215	1073.397	1107.752	1132.773
69	530.682	525.590	589.554	667.731	790.749	887.927	957.095	1021.090	1061.823	1074.938
72	447.146	445.009	510.938	603.827	741.919	828.237	906.006	972.080	1019.760	1011.389
75	350.313	366.749	439.112	548.302	685.453	776.840	854.410	920.349	963.228	952.979
78	249.238	289.110	372.258	491.661	628.860	725.532	803.976	859.940	899.414	902.396
81	175.668	223.378	327.148	446.917	582.162	683.799	766.474	816.839	856.050	864.743
84	106.408	167.816	273.334	401.310	519.177	638.009	728.792	767.565	817.727	825.481
87	45.204	115.290	226.538	357.680	473.727	583.718	689.164	719.050	772.664	770.208
90	15.186	88.443	190.552	316.897	428.182	541.233	618.987	680.650	718.435	726.754
93	0.987	22.969	67.643	116.628	148.285	193.378	228.050	274.622	233.442	256.946
96	0.123	1.492	4.616	5.300	9.858	10.338	18.379	28.777	19.178	15.442
99	0.109	0.345	1.596	1.975	1.951	2.315	2.622	2.570	2.639	0.742
102	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
108	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	100	110	120	130	140	150	160	170	180	190
0	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109
3	1872.374	1871.927	1871.082	1869.719	1868.263	1868.018	1865.570	1865.937	1866.558	1867.512
6	1863.656	1863.972	1863.356	1860.945	1858.324	1854.846	1850.444	1846.387	1846.732	1848.801
9	1844.950	1845.398	1845.582	1843.906	1840.558	1835.479	1833.045	1829.388	1830.353	1833.491
12	1820.748	1820.042	1817.579	1812.745	1810.805	1807.722	1809.224	1811.906	1814.665	1816.168
15	1801.915	1801.255	1787.333	1772.426	1765.973	1772.483	1782.119	1789.714	1794.493	1784.130
18	1784.593	1783.709	1761.564	1736.787	1730.388	1739.554	1743.790	1761.306	1770.093	1755.693
21	1754.994	1754.994	1733.528	1707.446	1703.338	1704.085	1691.246	1712.400	1741.129	1723.798
24	1719.105	1716.682	1701.822	1680.142	1672.958	1652.582	1624.922	1635.211	1699.717	1682.431
27	1692.114	1686.557	1674.156	1654.760	1647.605	1614.435	1564.433	1573.102	1640.859	1598.331
30	1664.248	1659.869	1633.491	1612.791	1608.544	1579.402	1522.854	1529.796	1578.609	1531.832
33	1613.331	1613.320	1573.833	1556.978	1540.370	1529.888	1486.047	1446.386	1525.681	1452.961
36	1555.182	1561.758	1523.097	1511.311	1457.789	1458.467	1450.893	1363.115	1470.650	1375.413
39	1526.511	1521.272	1483.288	1474.881	1398.549	1369.461	1396.633	1287.183	1400.654	1296.624
42	1507.154	1472.098	1436.214	1416.847	1359.519	1311.142	1306.336	1219.494	1321.429	1223.976
45	1461.074	1413.916	1386.793	1341.853	1293.469	1263.697	1203.934	1158.841	1241.479	1169.980
48	1397.981	1367.104	1344.273	1276.781	1215.550	1209.344	1114.734	1099.729	1161.473	1119.096
51	1345.447	1323.563	1288.382	1216.510	1161.008	1141.209	1022.262	1038.168	1079.684	1058.425
54	1297.166	1271.683	1221.686	1150.642	1108.688	1056.352	950.060	961.132	993.103	978.794
57	1248.855	1218.400	1168.216	1092.092	1056.500	978.219	872.903	881.462	899.925	887.046
60	1195.668	1168.586	1109.637	1049.445	990.498	898.477	775.518	800.155	804.103	803.469
63	1143.198	1116.881	1050.525	995.041	926.004	819.286	723.303	713.016	709.338	715.131
66	1092.097	1061.065	1000.344	932.164	869.710	748.508	618.010	613.734	612.597	619.700
69	1040.549	1005.919	953.196	876.750	798.028	676.972	563.473	517.809	511.361	529.199
72	991.182	958.536	902.312	825.364	733.200	610.068	491.964	430.274	411.884	445.101
75	948.229	915.487	846.445	776.334	674.813	541.509	418.728	350.221	320.384	360.312
78	907.689	861.253	791.690	721.526	621.700	478.363	353.533	275.674	234.871	278.892
81	852.717	806.514	742.839	661.433	561.921	422.424	295.689	195.012	147.934	206.413
84	784.503	766.381	698.908	616.409	515.211	377.082	236.259	144.216	82.409	161.447
87	733.496	718.659	661.316	581.748	463.029	333.211	203.000	101.335	31.515	114.601
90	709.528	683.337	588.740	536.961	410.988	291.937	176.714	74.507	10.430	81.087
93	258.697	299.762	256.804	246.483	193.707	142.868	87.833	28.842	1.304	31.007
96	31.247	33.817	27.128	26.905	22.589	15.532	12.535	3.700	0.931	5.086
99	5.419	2.401	1.167	0.435	0.581	0.057	0.057	0.675	0.576	1.077
102	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.142	0.142
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.444
108	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.439	0.685
111	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.269	0.000
114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109
3	1868.707	1872.960	1874.556	1877.608	1880.071	1881.689	1882.592	1882.638	1882.074	1880.876
6	1855.467	1862.696	1868.873	1873.828	1877.970	1879.365	1878.550	1876.397	1873.062	1870.064
9	1841.789	1849.065	1858.948	1865.648	1868.290	1865.282	1859.054	1852.525	1848.374	1845.686
12	1820.134	1828.399	1840.698	1848.835	1852.979	1847.709	1837.282	1828.078	1824.434	1825.304
15	1785.059	1791.942	1804.485	1819.745	1829.698	1832.499	1825.649	1819.343	1816.676	1817.586
18	1738.314	1751.255	1766.698	1784.806	1799.994	1809.895	1813.745	1815.481	1813.819	1810.335
21	1699.832	1716.015	1740.094	1756.253	1772.278	1780.624	1789.130	1802.470	1802.127	1795.671
24	1658.023	1675.500	1714.536	1732.964	1749.381	1752.071	1761.401	1780.517	1780.720	1773.012
27	1602.436	1645.019	1692.172	1704.173	1723.521	1730.842	1744.832	1753.346	1753.145	1741.313
30	1554.542	1616.550	1652.022	1656.088	1678.282	1702.844	1728.635	1723.302	1722.635	1704.441
33	1515.552	1573.035	1587.115	1605.976	1625.472	1658.110	1689.959	1691.109	1687.385	1668.845
36	1475.479	1503.142	1509.247	1567.859	1587.937	1620.883	1638.166	1652.640	1648.525	1644.512
39	1422.389	1416.078	1451.180	1531.857	1551.207	1590.731	1603.671	1605.539	1609.303	1610.577
42	1328.470	1364.840	1409.504	1471.844	1497.967	1542.634	1572.543	1559.289	1565.656	1552.404
45	1254.678	1321.015	1337.221	1397.551	1442.100	1485.497	1520.180	1521.843	1519.327	1491.859
48	1154.636	1261.145	1258.766	1334.947	1396.118	1447.234	1459.710	1484.017	1469.964	1442.378
51	1045.502	1185.046	1211.358	1276.794	1342.262	1412.313	1419.655	1435.962	1419.113	1392.687
54	970.300	1098.166	1161.180	1210.016	1284.843	1355.635	1386.373	1382.770	1364.683	1338.699
57	899.557	1026.308	1101.057	1143.813	1232.391	1290.350	1341.138	1331.716	1317.280	1283.201
60	823.711	953.289	1020.496	1087.328	1159.174	1232.424	1280.989	1282.776	1270.185	1235.265
63	758.393	875.811	947.589	1027.354	1092.270	1177.969	1215.389	1233.825	1218.044	1192.115
66	654.809	794.942	898.147	969.059	1042.706	1122.923	1147.129	1181.081	1160.852	1138.646
69	588.203	707.419	839.195	919.362	990.230	1064.175	1088.063	1122.532	1103.488	1075.972
72	514.108	641.928	780.258	869.298	936.941	1001.886	1042.263	1064.524	1047.698	1023.034
75	440.746	578.162	715.845	815.389	883.569	941.463	1000.443	1012.389	991.067	976.058
78	375.783	509.878	654.157	752.148	825.400	890.006	953.672	959.393	939.880	911.690
81	322.346	442.767	581.357	685.305	760.301	842.834	880.162	893.166	885.966	849.500
84	270.075	398.471	528.670	646.637	726.296	805.068	827.546	833.572	840.690	805.850
87	222.286	340.980	496.140	597.075	677.136	739.578	779.216	792.965	796.505	742.290
90	175.829	306.170	419.642	544.470	620.079	678.581	735.862	770.616	738.880	675.622
93	91.701	175.117	226.029	319.785	353.988	412.970	366.637	387.155	347.921	393.830
96	14.063	20.534	32.438	39.898	46.920	58.267	44.943	33.123	34.733	54.781
99	0.111	0.170	0.888	1.393	4.349	9.239	8.179	4.761	7.791	11.223
102	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

108	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles
Angles

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109	1878.109
3	1879.291	1877.305	1875.370	1874.857	1872.121	1871.673	1871.052
6	1866.427	1862.392	1860.434	1858.949	1857.306	1855.260	1855.076
9	1843.456	1840.611	1838.054	1836.491	1838.609	1839.353	1840.272
12	1827.767	1827.376	1823.697	1817.377	1815.546	1817.040	1818.595
15	1820.078	1820.090	1811.545	1798.401	1788.172	1780.768	1781.460
18	1808.499	1805.100	1791.773	1775.759	1756.310	1744.257	1736.094
21	1787.876	1774.724	1761.277	1746.565	1727.106	1706.021	1691.557
24	1759.824	1737.006	1720.369	1706.165	1691.043	1665.689	1647.893
27	1726.616	1697.717	1682.699	1664.731	1635.915	1615.867	1602.505
30	1685.086	1652.892	1637.039	1612.309	1575.541	1557.200	1551.967
33	1643.188	1609.274	1583.804	1550.703	1519.977	1502.811	1494.281
36	1603.150	1563.013	1526.118	1483.075	1467.874	1444.859	1434.020
39	1554.302	1513.073	1472.089	1406.654	1412.217	1365.733	1372.920
42	1501.801	1454.907	1426.917	1349.496	1347.360	1282.955	1295.787
45	1447.077	1389.505	1368.484	1280.006	1273.556	1220.887	1193.402
48	1396.109	1325.243	1302.062	1198.574	1193.609	1156.335	1096.948
51	1349.347	1268.432	1240.576	1133.038	1106.706	1073.194	1033.630
54	1298.003	1217.353	1174.496	1065.283	1031.883	980.977	975.380
57	1244.328	1165.631	1103.691	997.965	941.279	895.312	890.442
60	1182.632	1120.981	1014.050	929.038	870.800	808.286	787.977
63	1118.222	1067.647	926.728	864.502	799.965	708.671	686.133
66	1053.535	997.942	873.388	794.609	726.308	607.965	596.690
69	996.756	925.262	830.479	705.476	597.140	531.762	530.682
72	946.324	867.766	779.060	636.813	516.895	468.352	447.146
75	887.707	823.849	705.041	571.610	448.389	383.299	350.313
78	827.423	771.655	641.848	509.028	380.217	296.224	249.238

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

81	780.472	707.580	593.828	460.904	335.596	232.986	175.668
84	742.124	647.138	530.348	411.332	276.963	176.158	106.408
87	689.344	584.958	493.764	348.911	231.561	120.750	45.204
90	628.622	530.486	453.341	312.166	197.402	84.305	15.186
93	306.552	262.922	193.975	139.061	77.308	25.146	0.987
96	36.227	22.991	21.002	9.896	6.171	2.669	0.123
99	9.211	6.712	4.691	4.280	2.308	0.709	0.109
102	0.000	0.000	0.000	0.000	0.000	0.071	0.000
105	0.000	0.000	0.000	0.000	0.000	0.354	0.000
108	0.000	0.000	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	559.77	N.A.	8.20
0-30	1466.3	N.A.	21.40
0-40	2327.88	N.A.	34.00
0-60	4488.24	N.A.	65.60
0-80	6001.47	N.A.	87.70
0-90	6696.73	N.A.	97.90
10-90	6552.83	N.A.	95.80
20-40	1768.12	N.A.	25.80
20-50	2700.81	N.A.	39.50
40-70	2983.44	N.A.	43.60
60-80	1513.23	N.A.	22.10
70-80	690.15	N.A.	10.10
80-90	695.26	N.A.	10.20
90-110	145.37	N.A.	2.10
90-120	145.38	N.A.	2.10
90-130	145.38	N.A.	2.10
90-150	145.38	N.A.	2.10
90-180	145.38	N.A.	2.10
110-180	0.01	N.A.	0.00
0-180	6842.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	143.90
10-20	415.87
20-30	906.53
30-40	861.59
40-50	932.69
50-60	1227.66
60-70	823.08
70-80	690.15
80-90	695.26
90-100	144.88
100-110	0.49
110-120	0.01
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

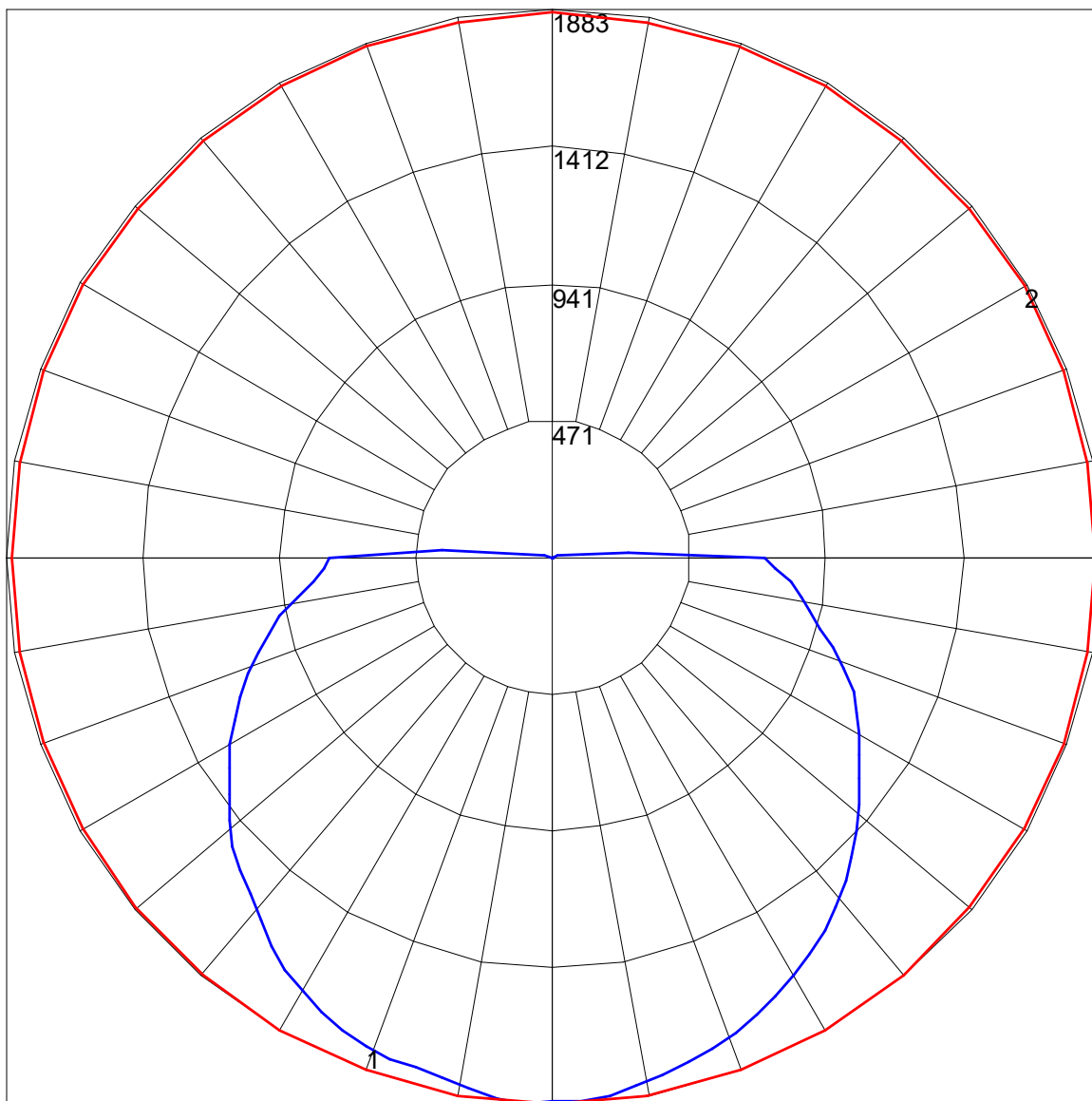
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	110	110	110	105	105	105	100	100	100	98
1	104	98	92	87	101	95	90	85	90	86	82	86	82	79	82	79	76	74
2	94	83	75	68	90	81	74	67	77	71	65	73	68	63	70	66	61	59
3	85	72	63	55	82	70	62	55	67	59	53	64	57	52	61	55	51	48
4	77	63	54	46	74	62	53	45	59	51	45	56	49	44	54	48	43	40
5	70	56	46	39	68	55	46	39	52	44	38	50	43	37	48	42	37	34
6	65	50	41	34	63	49	40	33	47	39	33	45	38	32	43	37	32	30
7	60	45	36	29	58	44	35	29	43	35	29	41	34	28	39	33	28	26
8	56	41	32	26	54	40	32	26	39	31	25	37	30	25	36	30	25	23
9	52	38	29	23	50	37	29	23	36	28	23	34	27	22	33	27	22	20
10	49	35	26	21	47	34	26	21	33	26	20	32	25	20	31	25	20	18

POLAR GRAPH



Maximum Candela = 1882.638 Located At Horizontal Angle = 270, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)