



Photometric Toolbox™

IES FLOOD REPORT

PHOTOMETRIC FILENAME : MIMDWPKSR-LED70DMVBZ50.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Dongguan New Testing Centre Co., Ltd

[TESTDATE] 03 May 2017

[ISSUEDATE] 2017-05-12 16:56:59

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] MOBERN LIGHTING CO.

[LUMCAT] MIMDWPKSR-LED70DMVBZ50

[BALLAST] 120-277V,60Hz

[OTHER]

[OTHER] Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
[OTHER] 0- 10	157.85	157.85	2.03	2.03
[OTHER] 10- 20	426.08	583.93	7.51	7.51
[OTHER] 20- 30	631.85	1215.77	15.64	15.64
[OTHER] 30- 40	798.17	2013.95	25.91	25.91
[OTHER] 40- 50	958.89	2972.84	38.25	38.25
[OTHER] 50- 60	1033.55	4006.39	51.55	51.55
[OTHER] 60- 70	1067.85	5074.24	65.29	65.29
[OTHER] 70- 80	921.59	5995.83	77.15	77.15
[OTHER] 80- 90	689.11	6684.94	86.02	86.02
[OTHER] 90-100	407.81	7092.75	91.26	91.26
[OTHER] 100-110	159.95	7252.70	93.32	93.32
[OTHER] 110-120	152.04	7404.73	95.28	95.28
[OTHER] 120-130	152.47	7557.21	97.24	97.24
[OTHER] 130-140	115.78	7672.99	98.73	98.73
[OTHER] 140-150	69.01	7742.00	99.62	99.62
[OTHER] 150-160	25.75	7767.75	99.95	99.95
[OTHER] 160-170	3.51	7771.27	100.00	100.00
[OTHER] 170-180	0.33	7771.60	100.00	100.00
[OTHER]				

Note: Candela values converted from Type-C to Type-B

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CHARACTERISTICS

NEMA Type	7 H x 5 V
Maximum Candela	2862.37
Maximum Candela Angle	0H 65V
Horizontal Beam Angle (50%)	110.7
Vertical Beam Angle (50%)	8.5
Horizontal Field Angle (10%)	165.2
Vertical Field Angle (10%)	80.7
Lumens Per Lamp	7771.6 (1 lamp)
Total Lamp Lumens	7771.6
Beam Lumens	4796
Beam Efficiency	62 %
Field Lumens	6402
Field Efficiency	82 %
Spill Lumens	244
Luminaire Lumens	6647
Total Efficiency	86 %
Total Luminaire Watts	69.2
Ballast Factor	0.98

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	115.918	90	1691.477
85	130.11	85	2167.59
75	240.14	75	2486.69
65	503.41	65	2862.37
55	775.25	55	2805.68
47.5	961.19	47.5	2829.465
42.5	1066.585	42.5	2691.525
37.5	1169.55	37.5	2460.905
33	1245.69	33	2444.19
29	1297.83	29	2337.58
25.5	1354.62	25.5	2292.565
22.5	1394.705	22.5	2311.62
19.5	1425.89	19.5	2295.965
17	1469.09	17	2225.88
15	1495.85	15	2215.95
13	1537.1	13	2235.4
11	1581.37	11	2138.04
9	1593	9	2050.34
7	1635.27	7	2047.12
5	1667.39	5	1978.25
3	1693.64	3	1863.8
1	1701.18	1	1761.18
0	1695.659	0	1695.659
-1	1690.04	-1	1627.96
-3	1689.88	-3	1508.81
-5	1676.18	-5	1384.66
-7	1655.73	-7	1258.27
-9	1609.72	-9	1123.31
-11	1578.64	-11	1013.91
-13	1559.73	-13	910.76
-15	1532.08	-15	825.86
-17	1482.56	-17	741.2
-19.5	1449.97	-19.5	664.705
-22.5	1416.94	-22.5	589.395
-25.5	1379.505	-25.5	519.03
-29	1342	-29	441.05
-33	1296.94	-33	368.69
-37.5	1230.75	-37.5	313.4
-42.5	1137.475	-42.5	265.63
-47.5	1034.015	-47.5	229.635
-55	864.32	-55	194.48
-65	596.34	-65	144.79
-75	309.62	-75	56.33
-85	155.94	-85	4.96
-90	117.98	-90	5.569

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CANDELA TABULATION

Maximum Candela = 2862.37
 Beam Edge = 1431.185 Cd (50% of Max.)
 Field Edge = 286.237 Cd (10% of Max.)
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	118.090	197.956	358.055 *	641.700 *	856.472 *	965.871 *	1045.628	*1132.211	*1210.132	*1279.669 *
85.0	118.094	203.859	402.466 *	728.879 *	978.133 *	1117.325	*1224.066	*1345.491	*1451.922	*1549.569 *
75.0	118.098	214.391	500.551 *	883.940 *	1224.613	*1403.848	*1511.494	*1629.372	*1750.197	*1855.322 *
65.0	118.096	223.071	583.860 *	1041.075	*1458.736	*1711.047	*1850.054	*1951.382	*2107.083	*2224.484 *
55.0	118.090	228.140	647.010 *	1148.625	*1549.661	*1860.657	*1955.076	*2076.563	*2145.711	*2179.169 *
47.5	118.082	227.711	671.292 *	1188.215	*1627.345	*1802.601	*1873.084	*1990.689	*2039.168	*2112.828 *
42.5	118.075	225.462	666.260 *	1187.794	*1611.181	*1723.313	*1857.809	*1919.158	*2021.925	*2124.425 *
37.5	118.067	222.244	648.509 *	1183.958	*1518.274	*1704.375	*1852.413	*1919.921	*2032.468	*2117.963 *
33.0	118.059	217.356	625.875 *	1157.691	*1486.515	*1714.251	*1792.543	*1896.549	*1998.056	*2005.915 *
29.0	118.052	212.540	600.471 *	1103.273	*1471.992	*1657.423	*1750.443	*1877.477	*1937.263	*1918.628 *
25.5	118.044	207.598	573.851 *	1052.063	*1439.122	*1590.905	*1723.964	*1853.591	*1888.400	*1879.746 *
22.5	118.038	202.856	548.737 *	1007.122	*1418.079	*1559.605	*1702.250	*1809.428	*1846.371	*1831.061 *
19.5	118.031	197.677	522.183 *	959.953 *	1328.117	*1531.018	*1676.532	*1744.442	*1763.652	*1814.689 *
17.0	118.025	193.052	499.071 *	919.108 *	1265.576	*1511.235	*1636.898	*1684.881	*1707.580	*1783.099 *
15.0	118.020	189.164	479.564 *	884.413 *	1220.991	*1469.313	*1603.234	*1634.264	*1674.070	*1752.561 *
13.0	118.015	185.122	459.203 *	847.832 *	1176.157	*1422.187	*1547.596	*1589.412	*1646.446	*1725.064 *
11.0	118.010	182.024	438.036 *	810.834 *	1130.071	*1370.299	*1483.363	*1541.607	*1615.395	*1694.783 *
9.0	118.005	177.326	416.116 *	773.341 *	1083.722	*1315.111	*1420.553	*1484.910	*1569.280	*1656.504 *
7.0	117.999	172.601	393.495 *	735.276 *	1036.643	*1256.431	*1358.802	*1429.827	*1509.963	*1595.212 *
5.0	117.994	167.855	371.672 *	696.556 *	988.713 *	1195.024	*1296.899	*1373.514	*1450.773	*1525.872 *
3.0	117.989	163.095	346.886 *	658.076 *	941.122 *	1131.820	*1233.943	*1317.290	*1390.524	*1453.976 *
1.0	117.983	158.326	322.048 *	616.931 *	889.941 *	1066.987	*1169.907	*1259.995	*1328.945	*1380.029 *
0.0	117.980	155.940	309.620 *	596.340 *	864.320 *	1034.015	*1137.475	*1230.750	*1296.940	*1342.000 *
-1.0	117.980	155.940	307.692 *	587.201 *	845.755 *	1008.632	*1106.792	*1194.738	*1257.023	*1300.579 *
-3.0	117.980	155.643	303.839 *	568.940 *	808.670 *	956.937 *	1044.617	*1121.580	*1174.792	*1215.831 *
-5.0	117.980	155.446	299.994 *	548.025 *	767.886 *	904.161 *	981.414 *	1047.538	*1091.508	*1129.827 *
-7.0	117.980	155.249	293.711 *	527.503 *	727.657 *	850.489 *	917.246 *	974.275 *	1007.589	*1042.517 *
-9.0	117.980	155.053	288.416 *	506.496 *	686.744 *	796.081 *	852.478 *	897.905 *	925.171 *	956.585 *
-11.0	117.979	154.859	282.861	485.134 *	645.322 *	741.163 *	788.399 *	823.271 *	851.577 *	882.203 *
-13.0	117.979	153.487	277.087	463.544 *	604.059 *	685.956 *	726.692 *	765.025 *	792.889 *	810.002 *
-15.0	117.979	152.914	271.131	441.849 *	561.888 *	630.791 *	670.450 *	718.442 *	735.981 *	742.527 *
-17.0	117.978	152.294	265.033	420.161 *	520.101 *	575.821 *	631.221 *	670.072 *	681.441 *	678.900 *
-19.5	117.977	151.454	257.265	393.297 *	468.295 *	536.617 *	581.490 *	609.302 *	616.600 *	611.619 *
-22.5	117.976	150.354	248.205	362.050 *	407.900 *	489.348 *	525.690 *	540.604 *	544.331 *	556.384 *
-25.5	117.975	149.159	239.406	331.440 *	379.837 *	443.870 *	469.708 *	478.901 *	492.545 *	498.871 *
-29.0	117.974	147.652	229.206	297.672 *	350.081 *	395.613 *	410.026 *	424.345 *	434.498 *	436.115 *
-33.0	117.972	145.792	217.945	262.024	318.425 *	346.571 *	351.372 *	373.910 *	380.164 *	370.776 *
-37.5	117.970	143.840	205.803	236.300	286.152	300.732 *	312.368 *	325.746 *	328.586 *	327.076 *
-42.5	117.967	141.154	193.434	218.492	254.094	264.945	274.512	281.117	283.991	283.716
-47.5	117.964	138.587	181.739	201.118	225.197	233.592	237.720	241.184	243.707	243.389
-55.0	117.959	134.514	166.621	176.328	187.550	186.831	185.825	185.596	188.441	188.683
-65.0	117.951	128.792	148.555	143.065	137.543	128.595	121.263	121.142	121.569	121.443
-75.0	117.943	123.509	133.170	112.047	90.565	73.284	62.809	57.199	52.088	47.408
-85.0	117.934	118.994	120.266	90.961	62.885	43.179	32.031	23.160	14.944	8.965
-90.0	117.930	116.927	114.921	84.202	56.131	37.064	26.911	19.316	12.480	7.708

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CANDELA TABULATION - (Cont.)

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	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	1341.238	*1394.013	*1446.788	*1490.768	*1525.951	*1548.024	*1570.095	*1592.166	*1614.237	*1636.306 *
85.0	1644.807	*1726.355	*1807.689	*1875.212	*1930.386	*1962.139	*2001.880	*2032.005	*2062.132	*2092.261 *
75.0	1953.844	*2034.954	*2113.585	*2177.564	*2227.542	*2266.877	*2302.526	*2337.607	*2372.053	*2408.527 *
65.0	2307.568	*2379.383	*2448.102	*2498.759	*2545.746	*2601.723	*2646.658	*2689.402	*2730.238	*2769.455 *
55.0	2213.850	*2287.578	*2380.584	*2452.190	*2506.707	*2556.673	*2599.676	*2638.042	*2675.508	*2712.494 *
47.5	2213.878	*2271.648	*2350.317	*2425.374	*2482.704	*2537.379	*2589.358	*2629.766	*2674.232	*2720.043 *
42.5	2205.077	*2289.322	*2348.671	*2411.741	*2456.403	*2496.241	*2532.251	*2555.104	*2576.630	*2603.681 *
37.5	2161.322	*2170.676	*2165.296	*2191.456	*2226.500	*2253.990	*2276.228	*2305.063	*2333.799	*2371.099 *
33.0	1985.866	*2031.284	*2091.660	*2171.396	*2209.858	*2247.112	*2288.905	*2338.032	*2360.639	*2380.560 *
29.0	1949.030	*2010.593	*2089.147	*2131.288	*2149.392	*2177.301	*2210.620	*2240.208	*2269.023	*2287.154 *
25.5	1919.716	*1978.968	*2053.144	*2074.675	*2090.167	*2114.125	*2149.522	*2184.816	*2220.391	*2244.750 *
22.5	1900.949	*1989.451	*2029.747	*2034.012	*2064.730	*2131.693	*2180.643	*2209.063	*2248.261	*2281.905 *
19.5	1889.788	*1956.984	*1967.141	*1976.362	*2031.442	*2091.623	*2152.004	*2181.979	*2217.101	*2272.110 *
17.0	1874.327	*1928.852	*1927.189	*1935.149	*2011.143	*2076.363	*2097.743	*2105.501	*2161.168	*2195.760 *
15.0	1848.792	*1921.924	*1896.998	*1932.618	*2015.429	*2068.373	*2073.456	*2104.526	*2154.472	*2187.425 *
13.0	1814.802	*1883.819	*1860.490	*1896.534	*1972.638	*2039.207	*2034.350	*2091.878	*2153.047	*2191.122 *
11.0	1774.882	*1813.237	*1801.917	*1832.725	*1897.394	*1940.511	*1964.550	*2009.236	*2058.608	*2084.683 *
9.0	1726.476	*1752.992	*1748.707	*1769.593	*1832.796	*1900.977	*1925.118	*1934.754	*1990.765	*2027.079 *
7.0	1664.865	*1705.423	*1700.395	*1723.302	*1778.743	*1868.307	*1915.603	*1923.605	*1989.733	*2013.942 *
5.0	1585.971	*1632.743	*1644.889	*1660.678	*1706.884	*1771.216	*1828.263	*1851.273	*1890.450	*1967.264 *
3.0	1504.391	*1544.179	*1566.426	*1588.874	*1632.735	*1682.406	*1711.425	*1748.034	*1789.776	*1847.712 *
1.0	1421.476	*1459.302	*1488.781	*1518.743	*1567.562	*1603.168	*1623.283	*1653.699	*1705.762	*1734.971 *
0.0	1379.505	*1416.940	*1449.970	*1482.560	*1532.080	*1559.730	*1578.640	*1609.720	*1655.730	*1676.180 *
-1.0	1334.494	*1370.164	*1402.862	*1435.476	*1479.990	*1506.392	*1525.590	*1560.602	*1604.765	*1625.459 *
-3.0	1242.970	*1274.548	*1306.516	*1336.201	*1370.002	*1393.335	*1415.920	*1446.680	*1484.580	*1505.934 *
-5.0	1148.716	*1176.886	*1205.439	*1232.804	*1258.324	*1275.270	*1304.448	*1328.448	*1357.804	*1375.194 *
-7.0	1053.856	*1081.031	*1107.649	*1127.387	*1145.348	*1154.479	*1174.767	*1201.710	*1215.107	*1239.831 *
-9.0	972.864 *	994.041 *	1010.527 *	*1018.852	*1033.117	*1051.779	*1065.730	*1082.897	*1100.271	*1113.572 *
-11.0	894.995 *	907.036 *	912.630 *	927.539 *	940.610 *	956.108 *	966.614 *	980.856 *	1000.645 *	*1011.494 *
-13.0	816.596 *	817.851 *	830.977 *	843.868 *	854.327 *	860.294 *	873.078 *	885.635 *	891.524 *	907.824 *
-15.0	736.895 *	744.260 *	759.917 *	761.851 *	768.940 *	779.494 *	787.919 *	790.962 *	805.456 *	815.925 *
-17.0	674.342 *	688.659 *	692.360 *	686.722 *	694.131 *	707.354 *	711.031 *	713.504 *	728.726 *	735.566 *
-19.5	621.241 *	624.685 *	619.022 *	620.668 *	628.427 *	632.353 *	632.700 *	645.180 *	654.292 *	659.136 *
-22.5	559.676 *	557.778 *	556.253 *	559.410 *	561.085 *	562.751 *	569.326 *	576.713 *	582.391 *	587.445 *
-25.5	499.013 *	497.958 *	499.877 *	499.737 *	498.426 *	501.610 *	509.106 *	513.933 *	516.893 *	520.368 *
-29.0	431.849 *	437.612 *	434.587 *	430.475 *	429.651 *	435.785 *	440.499 *	443.267 *	444.982 *	447.299 *
-33.0	374.540 *	376.785 *	372.933 *	366.745 *	369.898 *	372.476 *	374.105 *	375.018 *	375.035 *	375.373 *
-37.5	326.399 *	324.369 *	320.258 *	320.899 *	321.465 *	321.050 *	319.635 *	317.936 *	319.048 *	318.373 *
-42.5	280.555	276.923	274.842	274.220	272.971	271.745	268.762	268.656	269.349	269.262
-47.5	240.350	236.384	235.147	233.505	231.822	229.558	227.131	228.732	229.820	230.385
-55.0	186.335	187.141	188.216	188.071	187.001	185.467	186.010	187.822	189.537	191.135
-65.0	123.288	126.015	129.373	132.326	134.310	135.617	137.196	138.830	140.441	141.953
-75.0	48.287	49.115	49.897	50.344	50.554	51.521	52.664	53.684	54.564	55.899
-85.0	7.852	6.871	5.868	5.019	4.332	4.399	4.482	4.569	4.656	4.743
-90.0	6.953	6.306	5.659	5.120	4.689	4.806	4.924	5.041	5.158	5.276

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	1658.375	*1680.443	*1691.477	*1678.990	*1654.016	*1629.040	*1604.064	*1579.087	*1554.109	*1529.131 *
85.0	2122.392	*2152.524	*2167.590	*2150.726	*2116.998	*2083.271	*2049.546	*2015.822	*1982.101	*1938.101 *
75.0	2439.787	*2471.055	*2486.690	*2468.737	*2432.834	*2396.941	*2356.533	*2318.242	*2279.755	*2241.234 *
65.0	2808.167	*2844.299	*2862.370	*2840.515	*2796.818	*2752.036	*2707.862	*2664.067	*2620.916	*2578.666 *

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CANDELA TABULATION - (Cont.)

55.0	2748.532	*2786.623	*2805.680	*2787.977	*2752.593	*2719.160	*2684.699	*2649.617	*2613.460	*2570.984	*
47.5	2764.537	*2808.013	*2829.465	*2814.417	*2783.665	*2751.644	*2717.894	*2683.138	*2648.345	*2583.102	*
42.5	2635.434	*2671.731	*2691.525	*2679.836	*2659.489	*2642.905	*2629.740	*2618.853	*2596.260	*2548.601	*
37.5	2406.890	*2442.630	*2460.905	*2450.268	*2430.349	*2412.002	*2394.024	*2385.105	*2357.272	*2329.465	*
33.0	2404.424	*2430.656	*2444.190	*2435.077	*2417.364	*2401.177	*2387.543	*2366.562	*2319.802	*2275.821	*
29.0	2305.952	*2326.036	*2337.580	*2328.096	*2312.712	*2300.104	*2290.605	*2264.118	*2231.703	*2199.529	*
25.5	2266.619	*2284.251	*2292.565	*2284.524	*2268.343	*2250.586	*2234.833	*2210.383	*2178.596	*2142.613	*
22.5	2292.525	*2305.124	*2311.620	*2304.694	*2291.111	*2279.166	*2250.741	*2216.408	*2192.012	*2154.961	*
19.5	2280.911	*2290.704	*2295.965	*2290.052	*2280.185	*2274.478	*2234.708	*2209.758	*2191.019	*2135.706	*
17.0	2205.796	*2215.621	*2225.880	*2217.108	*2207.914	*2197.841	*2183.085	*2155.006	*2132.905	*2113.627	*
15.0	2211.383	*2216.801	*2215.950	*2220.150	*2220.705	*2200.194	*2176.644	*2142.208	*2105.817	*2085.967	*
13.0	2224.285	*2228.002	*2235.400	*2227.091	*2223.037	*2196.454	*2162.397	*2120.938	*2072.835	*2051.275	*
11.0	2118.313	*2123.429	*2138.040	*2127.210	*2128.174	*2098.641	*2076.529	*2045.965	*2012.439	*1985.641	*
9.0	2044.731	*2046.622	*2050.340	*2051.792	*2057.189	*2037.578	*2024.588	*1989.722	*1967.244	*1934.617	*
7.0	2034.223	*2042.865	*2047.120	*2054.103	*2049.565	*2025.184	*2014.937	*1961.701	*1947.669	*1886.949	*
5.0	1971.797	*1968.911	*1978.250	*1973.992	*1977.912	*1957.963	*1915.252	*1879.991	*1858.719	*1812.700	*
3.0	1863.249	*1857.834	*1863.800	*1871.711	*1880.973	*1857.147	*1815.166	*1784.481	*1754.774	*1713.164	*
1.0	1752.548	*1761.607	*1761.180	*1772.456	*1765.182	*1732.265	*1703.736	*1661.796	*1641.562	*1597.859	*
0.0	1689.880	*1690.040	*1695.659	*1701.180	*1693.640	*1667.390	*1635.270	*1593.000	*1581.370	*1537.100	*
-1.0	1650.624	*1635.152	*1627.960	*1637.869	*1645.436	*1633.343	*1596.051	*1555.347	*1537.959	*1496.135	*
-3.0	1512.711	*1509.259	*1508.810	*1517.599	*1518.819	*1520.501	*1493.192	*1463.531	*1440.687	*1405.967	*
-5.0	1381.719	*1388.118	*1384.660	*1398.847	*1391.749	*1394.072	*1370.640	*1344.903	*1333.175	*1293.748	*
-7.0	1250.164	*1264.606	*1258.270	*1272.887	*1263.379	*1252.908	*1233.183	*1224.954	*1198.317	*1172.176	*
-9.0	1123.352	*1130.110	*1123.310	*1132.945	*1129.207	*1123.183	*1114.827	*1100.389	*1086.421	*1072.182	*
-11.0	1013.151	*1018.809	*1013.910	*1021.301	*1019.371	*1018.792	*1010.373	*998.382	*984.857	*967.744	*
-13.0	911.420	*916.836	*910.760	*918.983	*917.412	*915.134	*902.793	*901.880	*886.823	*874.259	*
-15.0	823.614	*829.492	*825.860	*831.061	*828.327	*824.377	*817.952	*805.670	*803.284	*792.181	*
-17.0	741.755	*744.229	*741.200	*745.685	*746.080	*742.892	*739.532	*727.303	*722.418	*716.308	*
-19.5	665.087	*666.208	*664.705	*667.103	*667.482	*662.477	*660.281	*652.281	*639.555	*639.037	*
-22.5	590.704	*590.770	*589.395	*591.456	*592.626	*590.226	*585.478	*578.787	*570.060	*561.259	*
-25.5	522.044	*520.838	*519.030	*521.266	*523.347	*522.606	*519.467	*514.668	*507.121	*497.773	*
-29.0	446.820	*443.944	*441.050	*443.806	*446.444	*446.782	*444.481	*441.942	*438.505	*434.185	*
-33.0	373.945	*371.030	*368.690	*370.681	*372.936	*373.800	*373.057	*373.135	*372.468	*371.266	*
-37.5	317.191	*314.924	*313.400	*314.719	*316.604	*317.484	*317.953	*316.392	*317.535	*318.462	*
-42.5	268.369	266.720	265.630	266.719	268.389	269.373	269.667	269.270	269.347	271.363	
-47.5	230.435	230.011	229.635	230.308	231.332	231.897	231.971	231.635	230.974	232.531	
-55.0	192.799	193.919	194.480	194.449	194.387	193.697	193.006	192.082	190.915	190.155	
-65.0	143.663	144.414	144.790	144.614	144.263	142.910	141.723	140.380	138.941	137.467	
-75.0	56.071	56.244	56.330	56.053	55.500	54.946	53.211	51.928	50.494	48.921	
-85.0	4.830	4.917	4.960	4.911	4.813	4.716	4.618	4.520	4.423	4.329	
-90.0	5.393	5.511	5.569	5.503	5.369	5.236	5.103	4.969	4.836	4.703	

Vert. Angles Horizontal Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	
90.0	1504.151	*1466.317	*1419.023	*1362.267	*1305.509	*1239.286	*1178.549	*1115.828	*1046.147	*961.655	*
85.0	1901.117	*1846.726	*1778.489	*1696.363	*1614.121	*1518.235	*1428.855	*1336.959	*1230.933	*1119.974	*
75.0	2201.155	*2155.416	*2096.933	*2022.331	*1943.216	*1847.286	*1759.497	*1661.166	*1542.460	*1409.672	*
65.0	2534.677	*2494.359	*2445.563	*2381.302	*2289.656	*2180.603	*2075.765	*1979.870	*1834.514	*1668.261	*
55.0	2519.301	*2465.980	*2400.524	*2324.592	*2269.491	*2236.984	*2176.206	*2066.669	*1977.903	*1850.888	*
47.5	2518.772	*2456.352	*2379.863	*2299.604	*2228.246	*2139.366	*2074.649	*2041.198	*1893.952	*1806.919	*
42.5	2501.275	*2444.776	*2361.629	*2276.747	*2222.098	*2141.249	*2024.094	*1948.277	*1907.845	*1759.947	*
37.5	2297.059	*2263.988	*2224.480	*2213.758	*2179.881	*2147.444	*2074.686	*1925.470	*1854.533	*1738.904	*
33.0	2229.491	*2197.537	*2144.730	*2079.330	*2038.522	*2041.451	*2021.063	*1926.312	*1817.425	*1722.986	*
29.0	2168.881	*2152.744	*2122.805	*2051.868	*1984.225	*1941.150	*1956.973	*1897.745	*1768.030	*1663.450	*
25.5	2116.260	*2104.929	*2086.216	*2036.735	*1971.815	*1914.735	*1891.058	*1866.730	*1732.234	*1622.341	*

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CANDELA TABULATION - (Cont.)

22.5	2100.901	*2062.226	*2061.175	*2025.609	*1958.695	*1891.239	*1854.166	*1812.218	*1705.839	*1583.107	*
19.5	2082.639	*2037.468	*1997.479	*1983.826	*1930.626	*1866.139	*1800.229	*1745.454	*1664.864	*1551.387	*
17.0	2068.055	*2007.918	*1970.234	*1936.260	*1899.409	*1834.813	*1751.528	*1691.870	*1627.621	*1524.267	*
15.0	2048.393	*1985.119	*1931.993	*1919.727	*1866.320	*1790.672	*1716.750	*1652.873	*1589.744	*1460.785	*
13.0	2000.924	*1940.076	*1890.101	*1881.028	*1821.353	*1747.574	*1681.030	*1615.305	*1528.694	*1397.929	*
11.0	1943.674	*1888.112	*1838.131	*1813.113	*1772.224	*1704.991	*1645.239	*1565.394	*1459.442	*1334.642	*
9.0	1889.905	*1833.474	*1783.331	*1756.353	*1720.767	*1659.084	*1591.511	*1497.673	*1389.848	*1269.701	*
7.0	1828.397	*1778.304	*1730.954	*1704.939	*1663.431	*1589.739	*1515.391	*1429.640	*1319.453	*1203.541	*
5.0	1753.852	*1716.406	*1664.860	*1627.666	*1579.249	*1510.880	*1439.548	*1356.517	*1248.484	*1136.247	*
3.0	1660.494	*1623.367	*1569.453	*1534.228	*1490.496	*1427.964	*1363.053	*1282.470	*1176.594	*1067.389	*
1.0	1552.387	*1521.911	*1474.474	*1441.250	*1400.426	*1342.054	*1285.527	*1207.402	*1103.580	*996.976	*
0.0	1495.850	*1469.090	*1425.890	*1394.705	*1354.620	*1297.830	*1245.690	*1169.550	*1066.585	*961.190	*
-1.0	1454.661	*1427.277	*1385.399	*1351.769	*1313.143	*1259.657	*1210.087	*1138.053	*1040.038	*938.968	*
-3.0	1366.387	*1339.850	*1300.459	*1265.108	*1227.896	*1181.610	*1136.471	*1074.349	*985.927	*893.477	*
-5.0	1267.446	*1248.061	*1210.825	*1177.346	*1139.132	*1103.013	*1061.342	*1009.417	*930.555	*846.774	*
-7.0	1157.698	*1140.792	*1114.715	*1089.010	*1047.826	*1024.302	*984.729	*943.819	*874.048	*799.073	*
-9.0	1040.526	*1031.567	*1018.480	*1001.749	*964.998	*945.397	*908.632	*873.040	*816.751	*750.873	*
-11.0	951.938	*941.538	*921.250	*909.954	*886.751	*871.705	*841.282	*802.790	*758.364	*702.161	*
-13.0	867.230	*856.405	*837.541	*819.528	*809.148	*800.378	*784.909	*746.287	*700.599	*652.753	*
-15.0	778.083	*771.354	*764.297	*744.709	*731.795	*733.491	*729.659	*699.988	*648.428	*602.647	*
-17.0	703.374	*694.475	*696.509	*686.064	*668.924	*671.743	*674.972	*653.279	*610.628	*552.706	*
-19.5	632.966	*624.938	*619.974	*619.038	*612.705	*604.655	*607.211	*596.470	*563.632	*514.391	*
-22.5	559.927	*556.722	*549.872	*549.525	*550.638	*548.024	*534.407	*528.702	*509.063	*469.678	*
-25.5	493.999	*493.991	*494.130	*487.805	*488.860	*489.613	*483.510	*464.063	*453.008	*427.275	*
-29.0	428.646	*428.231	*430.035	*430.028	*422.497	*429.276	*425.963	*412.098	*394.176	*382.099	*
-33.0	368.569	*365.080	*369.117	*371.256	*369.871	*365.331	*370.375	*361.866	*340.713	*335.347	*
-37.5	318.611	*317.180	*315.202	*320.003	*320.136	*319.909	*320.071	*316.284	*304.386	*291.664	*
-42.5	271.480	271.533	270.783	272.170	275.361	277.255	276.330	273.895	267.043	257.062	
-47.5	233.657	234.218	234.191	233.070	236.132	238.414	238.180	234.658	231.573	224.057	
-55.0	189.828	189.158	187.671	185.021	181.718	184.115	184.571	180.970	179.055	177.808	
-65.0	135.676	132.990	129.230	125.159	121.265	117.937	116.949	115.660	114.474	119.562	
-75.0	47.501	46.838	45.890	44.495	42.963	41.230	44.925	49.446	55.089	64.453	
-85.0	4.233	4.862	5.621	6.520	7.404	8.413	13.850	21.297	29.266	39.813	
-90.0	4.569	4.975	5.482	6.090	6.698	7.407	11.802	18.089	25.075	34.801	

Vert. Angles **Horizontal Angles**

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	812.693	*572.443	*290.583	*174.119	115.910
85.0	943.407	*651.069	*326.705	*178.207	115.911
75.0	1192.582	*830.461	*419.497	*184.711	115.912
65.0	1431.454	*967.512	*507.959	*188.909	115.914
55.0	1522.507	*1095.285	*560.433	*192.678	115.915
47.5	1578.821	*1130.326	*579.457	*192.364	115.916
42.5	1597.719	*1136.028	*589.515	*190.507	115.916
37.5	1520.682	*1136.720	*573.757	*187.703	115.917
33.0	1477.375	*1099.613	*554.482	*183.694	115.917
29.0	1447.618	*1046.806	*531.739	*179.638	115.917
25.5	1420.572	*998.932	*507.572	*175.394	115.918
22.5	1389.040	*954.582	*483.901	*171.277	115.918
19.5	1315.054	*901.847	*457.452	*166.751	115.918
17.0	1249.636	*856.423	*433.456	*162.692	115.918
15.0	1195.019	*818.667	*413.253	*159.274	115.918
13.0	1140.477	*779.601	*392.222	*155.716	115.918
11.0	1088.222	*739.651	*370.430	*152.829	115.918
9.0	1034.813	*698.802	*347.946	*148.736	115.918

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	979.775 *	657.034 *	324.838 *	144.621	115.918
5.0	923.171 *	614.336 *	302.172 *	140.488	115.918
3.0	866.508 *	571.743 *	277.394	136.342	115.918
1.0	805.694 *	526.201 *	252.564	130.110	115.918
0.0	775.250 *	503.410 *	240.140	130.110	115.918
-1.0	759.821 *	496.692 *	239.387	130.126	115.918
-3.0	729.000 *	483.268 *	237.881	130.157	115.918
-5.0	694.425 *	467.100 *	236.378	130.189	115.918
-7.0	660.387 *	451.329 *	233.274	130.220	115.918
-9.0	625.626 *	435.048 *	230.788	130.251	115.918
-11.0	590.312 *	418.389 *	228.102	130.282	115.918
-13.0	555.106 *	401.481 *	225.235	129.567	115.918
-15.0	519.452 *	384.450 *	222.204	129.353	115.917
-17.0	484.139 *	367.528 *	219.027	129.105	115.917
-19.5	440.052 *	346.759 *	214.876	128.747	115.917
-22.5	388.537 *	322.913 *	209.668	128.250	115.917
-25.5	362.335 *	298.925 *	204.294	127.681	115.916
-29.0	334.397 *	273.536	197.905	126.926	115.916
-33.0	304.068 *	248.525	191.106	125.950	115.916
-37.5	272.325	228.243	183.490	124.914	115.915
-42.5	241.506	210.587	175.291	123.612	115.914
-47.5	212.451	194.422	166.841	122.333	115.914
-55.0	174.218	168.569	155.128	120.346	115.913
-65.0	125.632	134.613	140.005	117.943	115.911
-75.0	80.472	104.746	126.630	116.552	115.910
-85.0	58.926	86.481	115.814	115.246	115.908
-90.0	53.502	81.292	111.937	114.585	115.907

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 3323.28
 Total Field Lumens (one side of beam only) = 3201.21
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	2.93 *	5.79 *	5.69 *	5.59 *	5.49 *	5.37 *	5.25 *	5.11 *	4.96 *	5.94 *
75	7.06 *	13.97 *	13.74 *	13.50 *	13.23 *	12.95 *	12.64 *	12.32 *	11.94 *	14.33 *
65	8.12 *	16.06 *	15.80 *	15.52 *	15.21 *	14.89 *	14.55 *	14.18 *	13.79 *	16.66 *
55	8.60 *	17.02 *	16.76 *	16.47 *	16.17 *	15.84 *	15.48 *	15.08 *	14.65 *	17.71 *
47.5	6.42 *	12.70 *	12.51 *	12.30 *	12.08 *	11.84 *	11.56 *	11.24 *	10.89 *	13.09 *
42.5	4.19 *	8.30 *	8.19 *	8.07 *	7.95 *	7.82 *	7.65 *	7.43 *	7.21 *	8.67 *
37.5	3.91 *	7.75 *	7.66 *	7.56 *	7.46 *	7.36 *	7.22 *	7.06 *	6.88 *	8.32 *
33	3.35 *	6.65 *	6.57 *	6.49 *	6.40 *	6.29 *	6.15 *	6.01 *	5.86 *	7.10 *
29	2.91 *	5.77 *	5.72 *	5.66 *	5.59 *	5.48 *	5.35 *	5.22 *	5.10 *	6.18 *
25.5	2.46 *	4.89 *	4.85 *	4.80 *	4.73 *	4.64 *	4.54 *	4.44 *	4.35 *	5.32 *
22.5	2.10 *	4.18 *	4.14 *	4.09 *	4.02 *	3.94 *	3.85 *	3.75 *	3.66 *	4.48 *
19.5	2.10 *	4.19 *	4.16 *	4.10 *	4.02 *	3.94 *	3.85 *	3.72 *	3.60 *	4.38 *
17	1.72 *	3.42 *	3.40 *	3.36 *	3.29 *	3.23 *	3.16 *	3.07 *	2.96 *	3.57 *
15	1.35 *	2.70 *	2.68 *	2.64 *	2.59 *	2.54 *	2.50 *	2.44 *	2.34 *	2.82 *
13	1.36 *	2.70 *	2.68 *	2.64 *	2.58 *	2.51 *	2.46 *	2.41 *	2.31 *	2.77 *
11	1.33 *	2.65 *	2.62 *	2.58 *	2.52 *	2.45 *	2.40 *	2.34 *	2.25 *	2.70 *
9	1.27 *	2.54 *	2.52 *	2.48 *	2.43 *	2.38 *	2.33 *	2.26 *	2.18 *	2.62 *
7	1.25 *	2.49 *	2.47 *	2.44 *	2.39 *	2.33 *	2.29 *	2.20 *	2.11 *	2.54 *
5	1.23 *	2.45 *	2.43 *	2.39 *	2.33 *	2.27 *	2.22 *	2.13 *	2.04 *	2.46 *
3	1.17 *	2.34 *	2.33 *	2.28 *	2.21 *	2.16 *	2.11 *	2.03 *	1.95 *	2.36 *
1	1.11 *	2.21 *	2.19 *	2.15 *	2.09 *	2.04 *	1.99 *	1.92 *	1.85 *	2.23 *
0	0.53 *	1.05 *	1.04 *	1.02 *	1.00 *	0.97 *	0.95 *	0.92 *	0.89 *	1.07 *
-1	0.51 *	1.02 *	1.01 *	0.99 *	0.97 *	0.94 *	0.92 *	0.89 *	0.86 *	1.04 *
	0.96 *	1.92 *	1.92 *	1.89 *	1.84 *	1.79 *	1.75 *	1.70 *	1.64 *	1.98 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MIMDWPKSR-LED70DMVBZ50.IES

LUMENS TABULATION - (Cont.)

-3	0.88 *	1.77 *	1.76 *	1.74 *	1.70 *	1.66 *	1.62 *	1.57 *	1.53 *	1.84 *
-5	0.81 *	1.62 *	1.60 *	1.58 *	1.55 *	1.52 *	1.48 *	1.44 *	1.40 *	1.70 *
-7	0.73 *	1.46 *	1.44 *	1.42 *	1.40 *	1.37 *	1.34 *	1.30 *	1.27 *	1.55 *
-9	0.65 *	1.31 *	1.30 *	1.29 *	1.27 *	1.24 *	1.21 *	1.18 *	1.15 *	1.41 *
-11	0.59 *	1.18 *	1.17 *	1.16 *	1.14 *	1.12 *	1.10 *	1.07 *	1.05 *	1.28 *
-13	0.53 *	1.06 *	1.06 *	1.04 *	1.03 *	1.01 *	0.99 *	0.97 *	0.95 *	1.16 *
-15	0.48 *	0.96 *	0.95 *	0.94 *	0.92 *	0.91 *	0.90 *	0.88 *	0.86 *	1.05 *
-17	0.54 *	1.07 *	1.07 *	1.06 *	1.04 *	1.02 *	1.01 *	0.99 *	0.97 *	1.19 *
-19.5	0.57 *	1.15 *	1.14 *	1.13 *	1.12 *	1.09 *	1.07 *	1.06 *	1.04 *	1.28 *
-22.5	0.51 *	1.02 *	1.01 *	1.01 *	0.99 *	0.98 *	0.96 *	0.94 *	0.93 *	1.14 *
-25.5	0.51 *	1.03 *	1.03 *	1.02 *	1.01 *	1.00 *	0.98 *	0.96 *	0.95 *	1.17 *
-29	0.49 *	1.00 *	1.00 *	0.99 *	0.99 *	0.98 *	0.97 *	0.95 *	0.93 *	1.16 *
-33	0.47 *	0.94 *	0.95 *	0.94 *	0.94 *	0.93 *	0.93 *	0.92 *	0.91 *	1.12 *
-37.5	0.44 *	0.89 *	0.89 *	0.89 *	0.89 *	0.88 *	0.88 *	0.87 *	0.87 *	1.07 *
-42.5	0.38	0.76	0.76	0.76	0.75	0.75	0.75	0.74	0.74	0.92
-47.5	0.48	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.93	1.15
-55	0.52	1.03	1.02	1.01	1.00	0.98	0.97	0.96	0.94	1.15
-65	0.31	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.53	0.65
-75	0.09	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.16	0.19
-85	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02
-90										
Total	77.92	154.77	153.02	150.76	148.05	145.13	141.96	138.34	134.39	162.53

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	6.73 *	6.30 *	6.81 *	7.09 *	7.13 *	6.91 *	5.86 *	6.93 *	5.88 *	2.58 *
85	16.29 *	15.27 *	16.50 *	17.18 *	17.30 *	16.74 *	14.21 *	16.77 *	14.13 *	6.17 *
75	19.11 *	18.06 *	19.67 *	20.62 *	20.86 *	20.35 *	17.40 *	20.54 *	17.17 *	7.46 *
65	20.31 *	19.25 *	21.21 *	22.62 *	23.19 *	22.88 *	19.79 *	23.32 *	19.42 *	8.52 *
55	14.95 *	14.17 *	15.63 *	16.74 *	17.43 *	17.36 *	15.16 *	18.22 *	15.46 *	6.85 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MIMDWPKSR-LED70DMVBZ50.IES

LUMENS TABULATION - (Cont.)

47.5	9.90 *	9.39 *	10.30 *	10.88 *	11.23 *	11.25 *	9.84 *	12.06 *	10.51 *	4.65 *
42.5	9.62 *	9.24 *	10.25 *	10.89 *	11.10 *	11.07 *	9.69 *	11.77 *	10.36 *	4.63 *
37.5	8.22 *	7.92 *	8.89 *	9.66 *	9.94 *	9.83 *	8.60 *	10.36 *	9.05 *	4.09 *
33	7.09 *	6.73 *	7.52 *	8.26 *	8.68 *	8.59 *	7.48 *	9.03 *	7.83 *	3.50 *
29	6.13 *	5.81 *	6.42 *	7.00 *	7.43 *	7.38 *	6.36 *	7.70 *	6.64 *	2.92 *
25.5	5.20 *	4.94 *	5.43 *	5.87 *	6.22 *	6.21 *	5.34 *	6.44 *	5.52 *	2.39 *
22.5	5.12 *	4.89 *	5.36 *	5.74 *	6.03 *	6.06 *	5.24 *	6.26 *	5.29 *	2.28 *
19.5	4.18 *	4.02 *	4.41 *	4.67 *	4.86 *	4.91 *	4.28 *	5.04 *	4.18 *	1.80 *
17	3.29 *	3.17 *	3.47 *	3.66 *	3.78 *	3.83 *	3.34 *	3.89 *	3.20 *	1.38 *
15	3.24 *	3.12 *	3.40 *	3.59 *	3.70 *	3.72 *	3.24 *	3.74 *	3.07 *	1.32 *
13	3.15 *	3.04 *	3.33 *	3.51 *	3.61 *	3.60 *	3.11 *	3.59 *	2.93 *	1.26 *
11	3.05 *	2.95 *	3.25 *	3.43 *	3.50 *	3.45 *	2.97 *	3.44 *	2.80 *	1.20 *
9	2.96 *	2.86 *	3.15 *	3.31 *	3.37 *	3.30 *	2.84 *	3.28 *	2.66 *	1.13 *
7	2.86 *	2.75 *	3.01 *	3.17 *	3.22 *	3.15 *	2.70 *	3.12 *	2.52 *	1.07 *
5	2.73 *	2.61 *	2.86 *	3.02 *	3.07 *	3.00 *	2.55 *	2.95 *	2.38 *	1.00 *
3	2.58 *	2.46 *	2.71 *	2.86 *	2.92 *	2.84 *	2.41 *	2.77 *	2.23 *	0.93 *
1	1.23 *	1.18 *	1.29 *	1.37 *	1.40 *	1.36 *	1.15 *	1.32 *	1.06 *	0.44 *
0	1.19 *	1.14 *	1.25 *	1.33 *	1.36 *	1.32 *	1.12 *	1.28 *	1.03 *	0.43 *
-1	2.27 *	2.17 *	2.39 *	2.54 *	2.60 *	2.54 *	2.15 *	2.48 *	2.01 *	0.84 *
-3	2.11 *	2.01 *	2.22 *	2.37 *	2.44 *	2.39 *	2.03 *	2.36 *	1.93 *	0.82 *
-5	1.95 *	1.86 *	2.06 *	2.20 *	2.27 *	2.24 *	1.91 *	2.23 *	1.84 *	0.80 *
-7	1.80 *	1.71 *	1.90 *	2.03 *	2.10 *	2.08 *	1.79 *	2.11 *	1.76 *	0.77 *
-9	1.64 *	1.57 *	1.75 *	1.88 *	1.94 *	1.93 *	1.67 *	1.98 *	1.67 *	0.75 *
-11	1.48 *	1.43 *	1.60 *	1.73 *	1.79 *	1.78 *	1.55 *	1.85 *	1.58 *	0.72 *
-13	1.35 *	1.30 *	1.46 *	1.60 *	1.67 *	1.66 *	1.43 *	1.72 *	1.50 *	0.70 *
-15	1.23 *	1.18 *	1.34 *	1.47 *	1.56 *	1.55 *	1.32 *	1.59 *	1.41 *	0.67 *
-17	1.40 *	1.36 *	1.52 *	1.68 *	1.79 *	1.79 *	1.54 *	1.83 *	1.64 *	0.81 *
-19.5	1.50 *	1.47 *	1.66 *	1.81 *	1.92 *	1.95 *	1.69 *	1.99 *	1.79 *	0.92

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MIMDWPKSR-LED70DMVBZ50.IES

LUMENS TABULATION - (Cont.)

-22.5	1.34 *	1.31 *	1.49 *	1.62 *	1.71 *	1.74 *	1.53 *	1.81 *	1.63 *	0.87
-25.5	1.39 *	1.35 *	1.53 *	1.69 *	1.77 *	1.79 *	1.59 *	1.92 *	1.75 *	0.94
-29	1.37 *	1.34 *	1.52 *	1.68 *	1.78 *	1.79 *	1.59 *	1.98 *	1.82 *	1.00
-33	1.33 *	1.31 *	1.48 *	1.63 *	1.75 *	1.76 *	1.56 *	1.97 *	1.84	1.04
-37.5	1.27 *	1.25 *	1.43 *	1.58 *	1.68 *	1.72 *	1.53	1.94	1.85	1.07
-42.5	1.08	1.07	1.23	1.36	1.45	1.49	1.34	1.71	1.67	1.00
-47.5	1.35	1.32	1.51	1.67	1.78	1.83	1.67	2.17	2.20	1.38
-55	1.34	1.29	1.45	1.60	1.70	1.76	1.63	2.21	2.37	1.60
-65	0.75	0.71	0.79	0.87	0.95	1.02	1.00	1.46	1.77	1.36
-75	0.23	0.22	0.25	0.30	0.39	0.48	0.54	0.92	1.31	1.16
-85	0.03	0.03	0.04	0.06	0.09	0.14	0.18	0.35	0.55	0.52
-90										
Total	187.35	178.55	196.71	209.87	216.47	214.55	185.92	222.38	191.20	87.71

Vert. Angles	Horizontal Angles			<u>Total</u>
	<u>75</u>	<u>85</u>	<u>90</u>	
90				
85	0.70	0.05		115.09
75	1.60	0.10		277.96
65	1.86 *	0.11		328.03
55	2.07 *	0.11		356.48
47.5	1.63 *	0.08		268.31
42.5	1.10 *	0.05		176.67
37.5	1.09 *	0.05		170.95
33	0.95 *	0.05		148.42
29	0.82 *	0.04		128.52
25.5	0.69 *	0.04		109.54
22.5	0.57 *	0.03		92.38
19.5	0.54 *	0.03		90.92
17	0.43 *	0.02		73.99
	0.33 *	0.02		57.96

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MIMDWPKSR-LED70DMVBZ50.IES

LUMENS TABULATION - (Cont.)

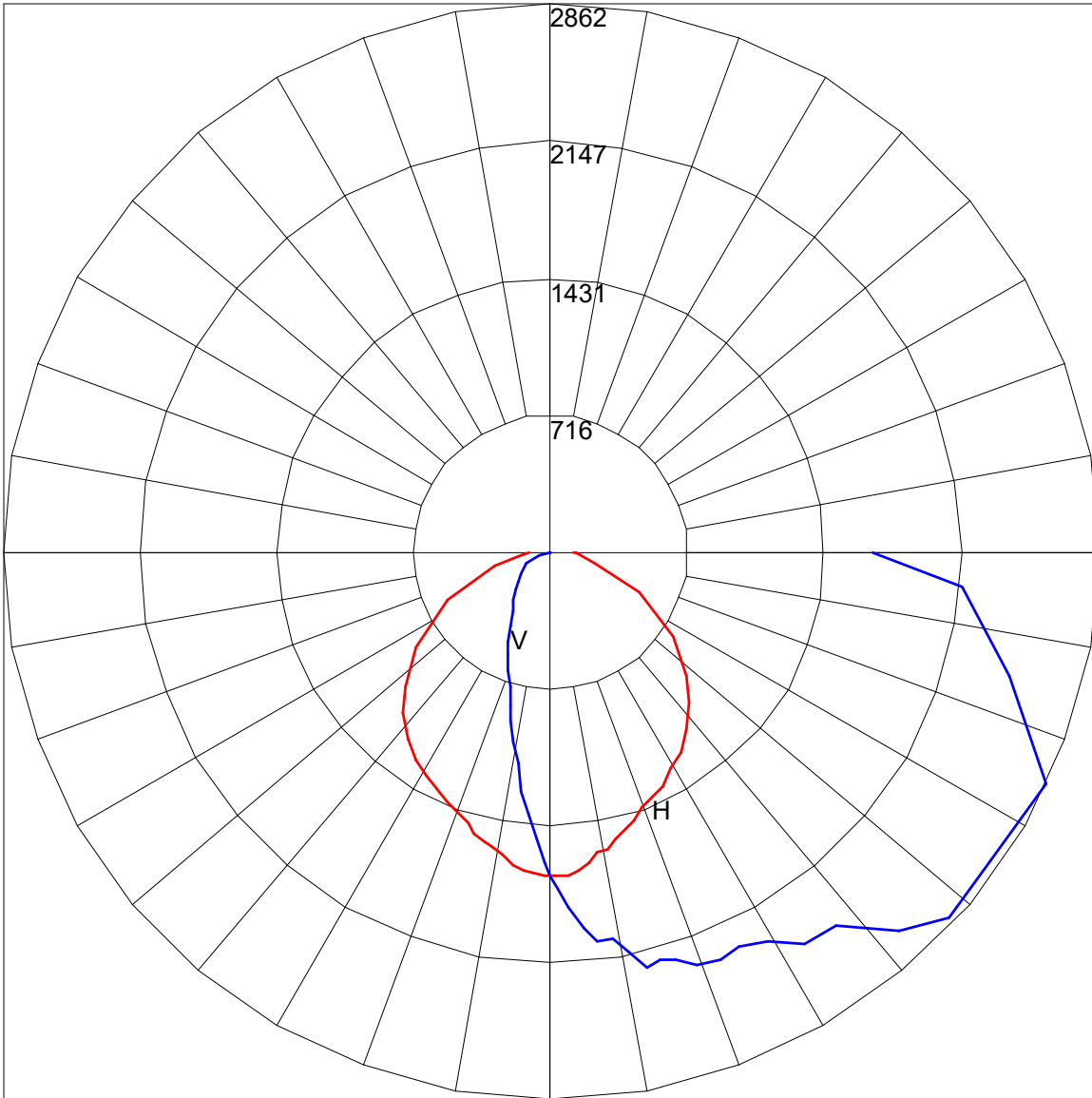
15	0.32	0.02	56.90
13	0.31	0.02	55.31
11	0.29	0.02	53.37
9	0.28	0.02	51.68
7	0.27	0.02	49.79
5	0.25	0.02	47.37
3	0.24	0.02	44.75
1	0.11	0.01	21.36
0	0.11	0.01	20.72
-1	0.22	0.02	39.60
-3	0.22	0.02	37.00
-5	0.22	0.02	34.29
-7	0.21	0.02	31.57
-9	0.21	0.02	29.00
-11	0.21	0.02	26.62
-13	0.21	0.02	24.41
-15	0.20	0.02	22.39
-17	0.25	0.02	25.56
-19.5	0.29	0.03	27.68
-22.5	0.29	0.03	24.83
-25.5	0.33	0.03	25.75
-29	0.37	0.03	25.71
-33	0.40	0.04	25.16
-37.5	0.43	0.04	24.35
-42.5	0.41	0.04	21.16
-47.5	0.59	0.06	26.74
-55	0.73	0.08	27.35
-65	0.68	0.08	16.98

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MIMDWPKSR-LED70DMVBZ50.IES

LUMENS TABULATION - (Cont.)

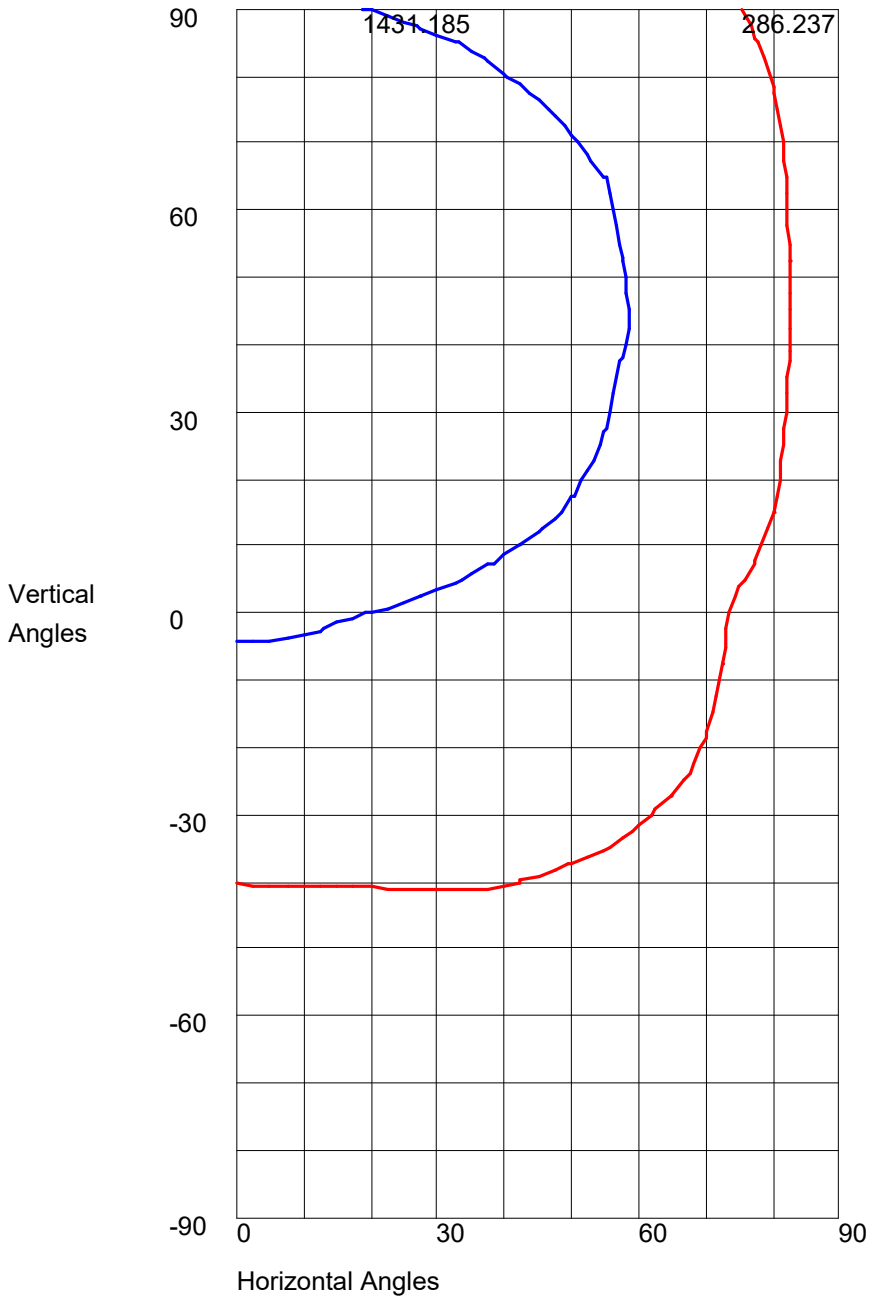
-75	0.64	0.08	8.17
-85	0.31	0.04	2.47
-90			
Total	24.01	1.67	3323.27

AXIAL CANDELA DISPLAY



Maximum Candela = 2862.37 Located At Horizontal Angle = 0, Vertical Angle = 65
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2862.37 Located At Horizontal Angle = 0, Vertical Angle = 65
50% Maximum Candela = 1431.185
10% Maximum Candela = 286.237