



IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB] Dongguan New Testing Centre Co., Ltd
 [TESTDATE] 03 May 2017
 [ISSUE DATE] 2017-05-12 17:02:41
 [NEARFIELD]
 [LAMPPOSITION] 0,0
 [OTHER] EVERFINE GO-R5000_V2 SYSTEM
 [MANUFAC] MOBERN LIGHTING CO.
 [LUMCAT] MILGWPKSR-LED90DMVBZ50
 [BALLAST] 120-277V,60Hz
 [OTHER]

[OTHER] Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
[OTHER] 0- 10	282.50	282.50	2.70	2.70
[OTHER] 10- 20	738.65	1021.15	9.77	9.77
[OTHER] 20- 30	986.41	2007.56	19.21	19.21
[OTHER] 30- 40	1144.93	3152.49	30.16	30.16
[OTHER] 40- 50	1266.65	4419.14	42.28	42.28
[OTHER] 50- 60	1383.71	5802.85	55.52	55.52
[OTHER] 60- 70	1374.63	7177.48	68.67	68.67
[OTHER] 70- 80	1189.21	8366.69	80.05	80.05
[OTHER] 80- 90	913.61	9280.30	88.79	88.79
[OTHER] 90-100	556.59	9836.89	94.12	94.12
[OTHER] 100-110	225.11	10062.00	96.27	96.27
[OTHER] 110-120	152.83	10214.83	97.73	97.73
[OTHER] 120-130	123.95	10338.78	98.92	98.92
[OTHER] 130-140	70.05	10408.83	99.59	99.59
[OTHER] 140-150	32.24	10441.06	99.90	99.90
[OTHER] 150-160	8.56	10449.62	99.98	99.98
[OTHER] 160-170	1.49	10451.11	99.99	99.99
[OTHER] 170-180	0.55	10451.66	100.00	100.00
[OTHER]				

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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

CHARACTERISTICS

NEMA Type	7 H x 5 V
Maximum Candela	4182.56
Maximum Candela Angle	0H 55V
Horizontal Beam Angle (50%)	89.8
Vertical Beam Angle (50%)	19.5
Horizontal Field Angle (10%)	164.3
Vertical Field Angle (10%)	97.6
Lumens Per Lamp	10452 (1 lamp)
Total Lamp Lumens	10452
Beam Lumens	5922
Beam Efficiency	57 %
Field Lumens	8895
Field Efficiency	85 %
Spill Lumens	349
Luminaire Lumens	9244
Total Efficiency	88 %
Total Luminaire Watts	89.9
Ballast Factor	0.99

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	163.48	90	2333.002
85	198.13	85	2578.5
75	524.09	75	3300.36
65	955.51	65	3734.02
55	1281.43	55	4182.56
47.5	1539.815	47.5	3334.815
42.5	1724.1	42.5	3415.11
37.5	1939.56	37.5	2837.59
33	2072.35	33	3243.07
29	2315.23	29	2725.51
25.5	2582.58	25.5	3396.06
22.5	2729.605	22.5	2892.36
19.5	2770.61	19.5	2883.175
17	2804.18	17	3344.6
15	2813.58	15	3288.9
13	2837.87	13	3049.61
11	2937.2	11	3123.98
9	2921.81	9	3391.13
7	2967.76	7	3192.52
5	2991.37	5	2998.9
3	2999.45	3	3084.62
1	3020.47	1	3296.69
0	3009.861	0	3009.861
-1	3016.09	-1	2668.3
-3	3019.03	-3	3122.61
-5	3001.65	-5	2483.96
-7	3002.92	-7	2308.24
-9	2997.13	-9	2159.06
-11	3013.27	-11	1975.28
-13	2993.42	-13	1789.18
-15	2925.15	-15	1654.55
-17	2967.36	-17	1512.21
-19.5	2945.335	-19.5	1275.5
-22.5	2844.345	-22.5	1032.68
-25.5	2686.59	-25.5	867.045
-29	2428.06	-29	773.12
-33	2264.53	-33	711.42
-37.5	2091.7	-37.5	661.005
-42.5	1837.42	-42.5	557.24
-47.5	1665.1	-47.5	429.35
-55	1384.36	-55	364.31
-65	1046.1	-65	198.44
-75	586.19	-75	127.75
-85	219.97	-85	6.87
-90	168.566	-90	7.977

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

CANDELA TABULATION

Maximum Candela = 4182.56
 Beam Edge = 2091.28 Cd (50% of Max.)
 Field Edge = 418.256 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	168.721	264.080	455.236 *	754.376 *	1019.887	*1193.808	*1329.408	*1484.662	*1624.395	*1752.014 *
85.0	168.724	270.105	503.658 *	830.421 *	1130.474	*1351.616	*1520.217	*1715.515	*1885.589	*2035.917 *
75.0	168.724	280.275	593.426 *	981.999 *	1327.029	*1599.714	*1799.774	*2043.913	*2257.327	*2463.240 *
65.0	168.719	287.676	678.354 *	1100.534	*1529.166	*1851.019	*2062.751	*2327.546	*2566.067	*2786.415 *
55.0	168.707	290.867	727.669 *	1226.192	*1644.661	*1973.754	*2137.986	*2362.127	*2583.237	*2843.320 *
47.5	168.695	289.953	756.995 *	1262.755	*1638.596	*1908.807	*2120.972	*2326.357	*2366.697	*2639.155 *
42.5	168.686	287.564	763.519 *	1256.558	*1666.576	*1855.398	*2060.958	*2104.387	*2445.496	*2702.686 *
37.5	168.675	284.257	767.010 *	1268.349	*1638.187	*1856.268	*2013.860	*2297.943	*2355.341	*2283.200 *
33.0	168.664	280.087	763.269 *	1257.367	*1602.234	*1833.901	*1997.601	*2177.223	*2164.893	*2347.568 *
29.0	168.654	276.028	755.438 *	1249.299	*1595.785	*1848.843	*2029.946	*2095.013	*2259.858	*2484.173 *
25.5	168.645	271.639	746.154 *	1236.814	*1571.895	*1810.481	*1962.074	*2116.372	*2305.336	*2430.169 *
22.5	168.637	267.281	735.608 *	1221.553	*1535.811	*1798.647	*1928.837	*2136.380	*2268.044	*2436.534 *
19.5	168.628	262.398	722.191 *	1204.888	*1532.609	*1772.099	*1924.283	*2138.667	*2308.978	*2539.199 *
17.0	168.620	257.947	709.065 *	1189.891	*1525.271	*1732.195	*1931.246	*2141.667	*2355.703	*2623.222 *
15.0	168.614	254.150	697.725 *	1177.461	*1516.526	*1723.931	*1926.867	*2149.423	*2384.741	*2638.570 *
13.0	168.608	250.151	685.611 *	1164.616	*1506.275	*1719.501	*1926.896	*2164.660	*2416.714	*2606.649 *
11.0	168.602	247.913	672.696 *	1150.212	*1490.411	*1717.498	*1921.059	*2177.970	*2422.818	*2560.882 *
9.0	168.596	242.880	658.955 *	1134.309	*1473.973	*1712.518	*1914.276	*2182.042	*2402.406	*2527.697 *
7.0	168.589	237.818	644.360 *	1116.974	*1456.345	*1705.033	*1903.702	*2179.914	*2373.891	*2501.038 *
5.0	168.583	232.735	631.777 *	1098.280	*1437.462	*1696.091	*1889.183	*2157.065	*2346.863	*2479.539 *
3.0	168.576	227.635	613.568 *	1079.541	*1418.846	*1685.363	*1870.735	*2133.723	*2317.264	*2460.744 *
1.0	168.569	222.526	595.320 *	1057.254	*1395.865	*1672.473	*1849.141	*2106.796	*2284.280	*2441.277 *
0.0	168.566	219.970	586.190 *	1046.100	*1384.360	*1665.100	*1837.420	*2091.700	*2264.530	*2428.060 *
-1.0	168.566	219.970	581.342 *	1029.464	*1355.344	*1622.583	*1788.333	*2031.728	*2201.494	*2359.829 *
-3.0	168.566	219.871	571.652 *	996.222 *	1297.382	*1535.780	*1688.489	*1908.399	*2068.670	*2214.801 *
-5.0	168.566	219.805	561.983 *	959.759 *	1235.456	*1447.076	*1586.032	*1781.130	*1932.058	*2065.250 *
-7.0	168.566	219.740	546.999 *	923.630 *	1174.362	*1357.019	*1480.524	*1653.495	*1792.176	*1912.053 *
-9.0	168.566	219.674	534.187 *	886.719 *	1112.827	*1267.584	*1372.623	*1516.946	*1654.245	*1762.705 *
-11.0	168.565	219.609	520.828 *	849.114 *	1051.135	*1179.194	*1262.759	*1381.169	*1525.764	*1629.139 *
-13.0	168.565	217.149	507.013 *	810.902 *	990.068 *	1090.993	*1154.230	*1270.798	*1409.636	*1501.556 *
-15.0	168.565	216.319	492.833 *	772.168 *	926.244 *	1001.381	*1062.865	*1182.798	*1290.155	*1369.311 *
-17.0	168.565	215.393	478.374 *	733.148 *	862.926 *	910.613 *	1006.984	*1102.788	*1174.897	*1233.233 *
-19.5	168.564	214.105	460.038 *	684.187 *	784.848 *	858.720 *	937.992 *	1006.056	*1041.868	*1088.870 *
-22.5	168.563	212.377	438.275 *	625.802 *	693.630 *	797.075 *	857.764 *	903.320 *	917.726 *	965.799 *
-25.5	168.563	210.460	416.919	565.940 *	649.385 *	736.549 *	780.725 *	817.976 *	837.162 *	865.384 *
-29.0	168.562	208.001	392.416	499.227 *	595.829 *	665.735 *	701.726 *	737.420 *	761.240 *	779.646 *
-33.0	168.560	204.916	366.853	428.566 *	538.445 *	589.430 *	614.312 *	654.106 *	677.066 *	682.242 *
-37.5	168.559	201.727	340.238	378.785	479.772 *	504.495 *	540.156 *	572.535 *	588.887 *	601.303 *
-42.5	168.557	198.280	313.523	349.028	422.896 *	437.182 *	465.301 *	483.061 *	498.854 *	516.882 *
-47.5	168.554	194.977	290.073	322.422	375.118	387.364	400.425	409.603	418.241	429.394 *
-55.0	168.551	189.969	260.057	287.211	320.292	323.669	322.927	324.974	328.262	326.343
-65.0	168.545	184.118	228.744	242.166	251.543	244.757	238.259	231.979	226.927	222.768
-75.0	168.539	178.546	205.548	193.565	180.104	159.666	147.326	136.889	125.904	115.429
-85.0	168.533	174.107	187.707	150.682	112.732	83.650	65.279	49.130	34.197	22.709
-90.0	168.530	172.171	179.456	138.849	99.391	70.661	54.057	40.002	27.352	18.126

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<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	1872.630	*1976.012	*2079.392	*2165.540	*2234.457	*2247.597	*2260.737	*2273.878	*2287.017	*2300.157 *
85.0	2159.033	*2265.134	*2371.521	*2460.228	*2532.960	*2543.628	*2555.167	*2559.409	*2563.651	*2567.893 *
75.0	2634.809	*2779.874	*2919.443	*3030.781	*3119.173	*3158.665	*3181.978	*3204.754	*3226.982	*3250.455 *
65.0	2966.517	*3113.941	*3268.189	*3395.167	*3493.474	*3572.412	*3607.339	*3638.287	*3665.460	*3689.074 *
55.0	3076.275	*3190.919	*3302.207	*3419.741	*3527.618	*3653.496	*3747.371	*3825.555	*3911.657	*3999.324 *
47.5	2999.059	*3123.816	*3040.701	*3045.460	*3120.266	*3234.898	*3369.484	*3392.678	*3390.825	*3378.636 *
42.5	2620.302	*2676.480	*2830.853	*2992.226	*3089.891	*3151.401	*3194.651	*3228.472	*3263.798	*3290.136 *
37.5	2469.590	*2616.524	*2713.048	*2740.568	*2753.404	*2776.470	*2815.357	*2884.858	*2892.434	*2886.872 *
33.0	2595.573	*2641.742	*2694.592	*2788.163	*2889.114	*2952.000	*3020.297	*3072.410	*3115.962	*3133.105 *
29.0	2543.935	*2551.315	*2516.749	*2470.020	*2563.944	*2664.821	*2688.723	*2652.088	*2623.648	*2675.103 *
25.5	2456.529	*2469.633	*2539.034	*2707.314	*2882.340	*2992.326	*3009.214	*3091.183	*3280.647	*3380.955 *
22.5	2535.516	*2541.062	*2726.864	*2887.810	*2846.564	*2709.647	*2734.826	*2875.219	*2844.989	*2722.568 *
19.5	2649.987	*2673.360	*2739.046	*2702.176	*2692.181	*2790.659	*2912.073	*2887.834	*2875.762	*2952.996 *
17.0	2670.479	*2654.864	*2672.122	*2819.397	*2977.232	*3014.085	*3004.954	*3090.980	*3242.557	*3277.696 *
15.0	2621.810	*2611.970	*2709.428	*2936.433	*2999.631	*2964.150	*3088.687	*3254.518	*3217.026	*3229.422 *
13.0	2587.575	*2606.301	*2772.120	*2941.496	*2975.211	*2995.215	*3020.596	*3017.660	*3037.336	*3078.901 *
11.0	2581.679	*2640.025	*2805.330	*2984.513	*3132.472	*3095.073	*2961.961	*3127.948	*3135.929	*3144.644 *
9.0	2590.588	*2661.515	*2802.882	*3053.918	*3356.239	*3247.772	*3179.938	*3352.829	*3323.254	*3382.801 *
7.0	2612.771	*2672.335	*2767.510	*3019.658	*3230.018	*3240.638	*3131.126	*3196.177	*3356.246	*3186.081 *
5.0	2634.681	*2713.043	*2747.961	*2887.730	*3082.657	*3160.569	*3127.274	*3017.470	*3006.616	*3020.320 *
3.0	2654.725	*2765.438	*2840.361	*2905.717	*3025.144	*3166.605	*3308.319	*3302.847	*3230.112	*3267.315 *
1.0	2677.302	*2818.988	*2912.492	*2949.826	*2964.913	*3059.704	*3119.780	*3176.520	*3246.011	*3265.123 *
0.0	2686.590	*2844.345	*2945.335	*2967.360	*2925.150	*2993.420	*3013.270	*2997.130	*3002.920	*3001.650 *
-1.0	2606.861	*2745.352	*2842.568	*2890.482	*2873.338	*2963.196	*3023.890	*3123.885	*3251.798	*3182.980 *
-3.0	2442.595	*2542.705	*2630.716	*2724.219	*2753.645	*2875.400	*3014.422	*3106.833	*3082.022	*3102.596 *
-5.0	2278.496	*2336.497	*2398.688	*2537.673	*2562.665	*2601.869	*2643.078	*2656.599	*2603.151	*2589.156 *
-7.0	2091.904	*2143.138	*2215.904	*2308.166	*2371.541	*2333.932	*2309.451	*2363.906	*2289.747	*2315.210 *
-9.0	1898.926	*1985.747	*2045.609	*2098.666	*2145.314	*2164.832	*2133.769	*2196.795	*2176.170	*2181.204 *
-11.0	1732.215	*1831.313	*1867.527	*1927.391	*1944.269	*1978.016	*1961.300	*1974.250	*1989.732	*1993.487 *
-13.0	1578.799	*1645.353	*1698.651	*1741.667	*1773.992	*1777.685	*1792.517	*1810.860	*1800.322	*1827.216 *
-15.0	1427.353	*1468.216	*1547.325	*1565.087	*1585.798	*1614.344	*1636.177	*1629.549	*1651.477	*1648.390 *
-17.0	1285.778	*1337.858	*1380.427	*1408.974	*1416.610	*1442.985	*1455.826	*1478.606	*1480.230	*1482.390 *
-19.5	1144.349	*1172.893	*1188.555	*1211.661	*1236.201	*1242.091	*1248.949	*1267.405	*1276.193	*1274.320 *
-22.5	995.606 *	995.899 *	1008.531 *	*1027.095	*1030.071	*1023.560	*1029.392	*1036.667	*1035.514	*1035.643 *
-25.5	878.860 *	873.945 *	886.427 *	891.184 *	887.789 *	884.124 *	887.093 *	883.873 *	876.326 *	877.127 *
-29.0	778.256 *	792.394 *	792.384 *	786.740 *	782.014 *	786.620 *	789.428 *	787.348 *	781.691 *	781.797 *
-33.0	701.488 *	705.956 *	707.480 *	706.366 *	710.965 *	714.402 *	716.177 *	717.562 *	715.438 *	715.435 *
-37.5	615.344 *	623.894 *	624.132 *	632.862 *	639.294 *	644.711 *	648.839 *	650.912 *	656.489 *	659.270 *
-42.5	525.279 *	529.923 *	536.633 *	543.493 *	548.079 *	553.199 *	553.558 *	556.602 *	559.442 *	560.506 *
-47.5	439.078 *	442.603 *	443.737 *	444.310 *	444.269 *	444.461 *	445.215 *	446.227 *	445.174 *	442.595 *
-55.0	320.143	325.489	333.293	338.321	340.862	342.199	343.806	347.298	351.167	355.183
-65.0	218.050	213.688	209.800	206.978	204.891	204.188	205.282	205.646	205.287	204.210
-75.0	115.346	115.017	114.332	113.242	112.060	113.642	116.108	118.489	120.769	123.413
-85.0	19.838	17.319	14.753	12.583	10.827	10.311	9.873	9.327	8.781	8.235
-90.0	15.354	12.979	10.603	8.623	7.039	7.164	7.289	7.414	7.539	7.664

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	2313.296	*2326.434	*2333.002	*2326.116	*2312.343	*2298.569	*2284.794	*2271.018	*2257.241	*2243.463 *
85.0	2572.136	*2576.379	*2578.500	*2576.201	*2571.604	*2567.006	*2562.409	*2557.813	*2553.216	*2540.626 *
75.0	3270.414	*3290.377	*3300.360	*3290.699	*3271.380	*3252.066	*3230.174	*3209.641	*3189.145	*3168.821 *
65.0	3712.577	*3726.871	*3734.020	*3725.476	*3708.394	*3682.285	*3656.204	*3626.808	*3593.952	*3557.497 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

CANDELA TABULATION - (Cont.)

55.0	4102.459	*4155.849	*4182.560	*4153.912	*4096.649	*3989.898	*3898.811	*3809.636	*3728.820	*3638.881	*
47.5	3363.055	*3344.761	*3334.815	*3340.859	*3350.885	*3356.814	*3357.064	*3346.741	*3312.910	*3192.683	*
42.5	3326.692	*3380.054	*3415.110	*3383.565	*3337.485	*3308.983	*3291.973	*3255.986	*3211.078	*3151.911	*
37.5	2875.921	*2853.213	*2837.590	*2850.044	*2866.485	*2871.384	*2871.163	*2851.972	*2786.942	*2765.378	*
33.0	3163.522	*3208.492	*3243.070	*3210.131	*3167.771	*3138.220	*3119.062	*3075.022	*3027.964	*2962.593	*
29.0	2703.424	*2718.748	*2725.510	*2717.489	*2701.742	*2678.419	*2640.845	*2666.521	*2686.395	*2646.962	*
25.5	3388.767	*3397.086	*3396.060	*3395.935	*3380.854	*3353.173	*3237.156	*3070.661	*3020.212	*3005.732	*
22.5	2788.744	*2848.197	*2892.360	*2850.010	*2797.117	*2745.464	*2873.374	*2891.907	*2772.495	*2758.793	*
19.5	2959.017	*2921.334	*2883.175	*2916.611	*2939.261	*2908.292	*2863.196	*2898.137	*2917.066	*2788.629	*
17.0	3280.289	*3320.465	*3344.600	*3320.795	*3280.568	*3274.527	*3228.544	*3075.081	*3037.833	*3053.075	*
15.0	3252.674	*3272.721	*3288.900	*3273.107	*3254.350	*3235.292	*3221.362	*3248.813	*3090.124	*2982.468	*
13.0	3084.902	*3061.105	*3049.610	*3060.182	*3078.594	*3071.645	*3053.609	*3053.054	*3054.598	*3032.046	*
11.0	3147.129	*3129.165	*3123.980	*3131.137	*3148.592	*3170.094	*3143.465	*3158.811	*3042.807	*3139.215	*
9.0	3380.120	*3412.145	*3391.130	*3403.864	*3377.793	*3428.182	*3372.841	*3392.140	*3250.511	*3348.012	*
7.0	3286.084	*3264.857	*3192.520	*3245.631	*3289.647	*3229.404	*3253.983	*3284.854	*3202.678	*3364.128	*
5.0	2996.215	*2992.279	*2998.900	*3022.720	*3036.048	*3093.214	*3116.151	*3118.468	*3263.879	*3292.648	*
3.0	3181.548	*3127.249	*3084.620	*3172.017	*3320.327	*3447.474	*3383.787	*3431.089	*3465.298	*3269.692	*
1.0	3242.019	*3246.378	*3296.690	*3266.780	*3353.473	*3333.895	*3307.395	*3183.850	*3125.844	*2991.078	*
0.0	3019.030	*3016.090	*3009.861	*3020.470	*2999.450	*2991.370	*2967.760	*2921.810	*2937.200	*2837.870	*
-1.0	2983.766	*2716.056	*2668.300	*2672.173	*2700.495	*2806.378	*2987.952	*3009.964	*2957.869	*2828.596	*
-3.0	3120.035	*3088.613	*3122.610	*3067.703	*3093.712	*3089.206	*2917.298	*2991.473	*2952.165	*2786.589	*
-5.0	2554.790	*2483.786	*2483.960	*2508.792	*2527.491	*2486.651	*2565.247	*2530.506	*2571.240	*2531.283	*
-7.0	2312.410	*2327.047	*2308.240	*2345.506	*2328.349	*2305.584	*2281.659	*2285.632	*2263.366	*2237.724	*
-9.0	2175.895	*2170.482	*2159.060	*2160.007	*2160.035	*2138.131	*2126.961	*2127.456	*2086.312	*2044.002	*
-11.0	1980.602	*1986.640	*1975.280	*1987.385	*1978.723	*1991.602	*1969.637	*1956.202	*1910.280	*1902.112	*
-13.0	1822.088	*1808.679	*1789.180	*1801.429	*1805.149	*1818.016	*1780.602	*1769.918	*1766.232	*1744.661	*
-15.0	1660.782	*1666.979	*1654.550	*1668.651	*1666.808	*1646.599	*1633.438	*1617.626	*1604.663	*1580.153	*
-17.0	1503.982	*1518.492	*1512.210	*1514.959	*1498.347	*1484.922	*1475.759	*1451.273	*1440.857	*1424.648	*
-19.5	1284.381	*1282.203	*1275.500	*1284.105	*1289.350	*1280.349	*1275.223	*1261.226	*1238.327	*1231.304	*
-22.5	1043.318	*1039.428	*1032.680	*1040.438	*1046.891	*1043.249	*1042.155	*1044.461	*1039.059	*1027.264	*
-25.5	877.576	* 872.047	* 867.045	* 872.843	* 879.629	* 879.451	* 878.435	* 883.449	* 881.406	* 871.747	*
-29.0	780.065	* 776.429	* 773.120	* 776.036	* 778.890	* 779.855	* 779.002	* 783.091	* 783.772	* 780.125	*
-33.0	714.650	* 712.990	* 711.420	* 712.709	* 713.693	* 713.511	* 712.065	* 712.181	* 708.972	* 704.193	*
-37.5	661.041	* 661.319	* 661.005	* 660.648	* 659.030	* 655.920	* 651.806	* 644.018	* 640.189	* 634.528	*
-42.5	560.318	* 558.672	* 557.240	* 558.557	* 559.917	* 559.658	* 557.881	* 554.703	* 551.102	* 549.774	*
-47.5	438.529	* 432.842	* 429.350	* 432.822	* 438.545	* 442.879	* 446.107	* 448.208	* 448.668	* 447.531	*
-55.0	359.751	362.790	364.310	362.412	358.619	353.253	348.408	343.654	339.206	337.120	
-65.0	203.197	200.026	198.440	200.010	203.151	204.219	205.413	206.005	206.018	205.478	
-75.0	125.147	126.882	127.750	126.648	124.446	122.243	119.131	116.384	113.537	110.604	
-85.0	7.689	7.143	6.870	7.067	7.460	7.854	8.247	8.641	9.034	9.345	
-90.0	7.789	7.915	7.977	7.897	7.738	7.578	7.418	7.259	7.099	6.939	

Vert. 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	2229.684	*2163.479	*2080.722	*1981.413	*1882.103	*1766.240	*1644.043	*1510.402	*1361.912	*1226.029	*
85.0	2527.576	*2462.127	*2379.532	*2279.265	*2177.734	*2057.686	*1903.655	*1729.998	*1545.404	*1383.676	*
75.0	3132.832	*3046.795	*2937.036	*2795.686	*2644.912	*2462.331	*2273.810	*2074.688	*1830.677	*1640.887	*
65.0	3480.994	*3386.236	*3264.895	*3118.189	*2977.240	*2817.260	*2614.446	*2342.728	*2063.082	*1873.064	*
55.0	3534.772	*3445.106	*3328.623	*3185.690	*3097.764	*2855.344	*2612.759	*2428.488	*2218.739	*2029.155	*
47.5	3104.697	*3062.629	*3088.622	*3171.730	*3000.157	*2668.286	*2477.874	*2406.067	*2149.791	*2003.528	*
42.5	3096.046	*3004.665	*2840.502	*2701.390	*2695.166	*2719.782	*2402.770	*2150.665	*2158.165	*1886.001	*
37.5	2757.277	*2756.201	*2731.828	*2640.460	*2480.994	*2339.201	*2517.021	*2269.882	*2019.460	*1904.844	*
33.0	2877.153	*2787.558	*2712.858	*2690.996	*2628.978	*2343.101	*2201.013	*2322.964	*2019.301	*1882.842	*
29.0	2551.674	*2496.889	*2576.130	*2626.311	*2641.604	*2559.997	*2270.810	*2149.116	*2075.512	*1866.056	*
25.5	2875.026	*2700.837	*2533.219	*2498.015	*2546.726	*2529.133	*2357.852	*2154.032	*2075.626	*1862.798	*

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

CANDELA TABULATION - (Cont.)

22.5	2902.540	*2930.605	*2747.808	*2568.836	*2566.328	*2507.564	*2367.511	*2173.425	*2007.336	*1848.372	*
19.5	2704.532	*2745.011	*2791.659	*2753.934	*2720.846	*2575.951	*2397.949	*2186.384	*1973.936	*1835.380	*
17.0	2995.966	*2831.141	*2734.034	*2765.205	*2803.956	*2667.968	*2436.732	*2205.153	*1965.098	*1819.951	*
15.0	3052.293	*2974.019	*2769.327	*2723.655	*2785.396	*2731.237	*2459.732	*2211.841	*1971.257	*1795.056	*
13.0	3011.717	*3008.195	*2842.956	*2712.133	*2752.185	*2749.621	*2478.558	*2225.004	*1971.860	*1764.196	*
11.0	3180.501	*3052.199	*2881.882	*2744.442	*2744.552	*2732.249	*2491.564	*2221.595	*1944.422	*1726.911	*
9.0	3389.987	*3135.307	*2907.775	*2786.481	*2760.379	*2719.477	*2458.213	*2191.058	*1913.731	*1691.910	*
7.0	3322.344	*3099.505	*2885.394	*2800.904	*2762.569	*2642.028	*2385.251	*2154.713	*1877.161	*1659.932	*
5.0	3198.321	*3007.361	*2839.890	*2782.449	*2708.853	*2545.251	*2306.746	*2098.844	*1839.525	*1628.285	*
3.0	3077.411	*2939.876	*2819.737	*2764.946	*2658.525	*2454.330	*2218.945	*2038.851	*1796.942	*1594.446	*
1.0	2909.493	*2854.074	*2789.030	*2743.675	*2608.731	*2364.179	*2123.780	*1973.646	*1749.550	*1558.521	*
0.0	2813.580	*2804.180	*2770.610	*2729.605	*2582.580	*2315.230	*2072.350	*1939.560	*1724.100	*1539.815	*
-1.0	2777.775	*2744.470	*2690.919	*2630.749	*2496.482	*2252.371	*2019.568	*1887.205	*1680.059	*1503.700	*
-3.0	2697.867	*2608.843	*2524.883	*2424.311	*2319.655	*2116.687	*1907.886	*1780.038	*1589.111	*1430.187	*
-5.0	2529.721	*2433.726	*2344.745	*2209.424	*2137.122	*1976.418	*1793.192	*1669.185	*1495.252	*1355.209	*
-7.0	2258.368	*2230.294	*2158.894	*2025.837	*1946.883	*1833.189	*1676.325	*1556.633	*1399.575	*1279.058	*
-9.0	2043.409	*2012.907	*1972.949	*1886.135	*1798.715	*1695.677	*1562.046	*1440.753	*1304.070	*1201.217	*
-11.0	1887.794	*1827.318	*1795.464	*1734.460	*1670.217	*1572.409	*1434.347	*1329.741	*1205.224	*1121.703	*
-13.0	1711.522	*1685.313	*1650.288	*1574.292	*1523.842	*1439.478	*1329.371	*1233.197	*1106.249	*1041.352	*
-15.0	1556.647	*1529.471	*1497.448	*1438.134	*1374.811	*1310.394	*1238.354	*1149.716	*1021.204	*959.725	*
-17.0	1395.638	*1376.427	*1348.454	*1302.989	*1252.826	*1195.805	*1140.082	*1070.665	*967.641	* 878.628	*
-19.5	1223.269	*1201.331	*1170.422	*1144.941	*1112.171	*1064.605	*1016.184	*972.174	* 905.929	* 823.845	*
-22.5	1023.080	*1013.709	*994.871	* 983.456	* 975.728	* 947.666	* 878.301	* 867.509	* 836.782	* 761.387	*
-25.5	873.378	* 881.892	* 877.300	* 860.384	* 865.091	* 850.629	* 815.957	* 783.646	* 762.195	* 705.819	*
-29.0	773.215	* 774.654	* 779.616	* 778.659	* 765.604	* 758.481	* 736.348	* 711.448	* 674.902	* 641.665	*
-33.0	697.960	* 691.104	* 696.849	* 693.274	* 685.438	* 669.952	* 659.577	* 640.160	* 590.754	* 561.760	*
-37.5	626.450	* 619.501	* 610.011	* 611.452	* 605.605	* 591.591	* 578.555	* 553.740	* 520.329	* 483.713	*
-42.5	544.333	* 539.253	* 529.171	* 521.988	* 518.099	* 507.154	* 485.697	* 470.549	* 448.214	* 416.252	*
-47.5	445.998	* 444.287	* 441.926	* 439.817	* 435.923	* 425.291	* 411.602	398.561	384.669	368.964	*
-55.0	336.921	335.605	331.902	324.719	316.878	319.596	320.937	316.162	312.255	308.450	*
-65.0	206.208	207.716	209.638	212.459	215.729	219.222	221.992	225.963	230.465	234.096	*
-75.0	108.785	110.443	112.146	113.535	114.303	114.483	123.772	133.296	142.922	153.091	*
-85.0	9.677	12.177	15.207	18.826	22.426	26.598	37.793	51.804	67.051	83.735	*
-90.0	6.779	8.898	11.546	14.724	17.902	21.609	30.772	42.927	56.431	71.431	*

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	1041.113	*777.300	* 496.245	* 274.375	163.470
85.0	1164.401	*859.763	* 541.956	* 279.523	163.471
75.0	1367.573	*997.219	* 624.519	* 287.108	163.473
65.0	1533.153	*1122.017	*700.978	* 290.716	163.474
55.0	1713.102	*1240.313	*742.014	* 290.373	163.476
47.5	1679.265	*1301.077	*757.194	* 286.641	163.477
42.5	1696.958	*1309.332	*763.292	* 282.230	163.477
37.5	1705.570	*1312.450	*760.300	* 276.696	163.478
33.0	1669.193	*1293.484	*751.151	* 270.648	163.478
29.0	1660.147	*1270.277	*738.838	* 264.840	163.478
25.5	1666.881	*1246.866	*726.173	* 258.964	163.479
22.5	1650.970	*1224.321	*712.152	* 253.368	163.479
19.5	1602.807	*1192.963	*694.389	* 247.285	163.479
17.0	1566.993	*1166.390	*676.966	* 241.864	163.479
15.0	1540.023	*1144.885	*662.082	* 237.311	163.479
13.0	1512.137	*1123.070	*646.359	* 232.576	163.479
11.0	1475.362	*1100.238	*629.804	* 229.255	163.480
9.0	1439.721	*1076.366	*612.419	* 223.649	163.480

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

CANDELA TABULATION - (Cont.)

7.0	1404.747	*1051.431	*594.209	* 218.011	163.480
5.0	1370.022	*1025.415	*577.593	* 212.348	163.480
3.0	1336.278	*999.546	* 556.222	* 206.667	163.480
1.0	1299.727	*970.197	* 534.806	* 198.130	163.480
0.0	1281.430	*955.510	* 524.090	* 198.130	163.480
-1.0	1255.577	*940.813	* 519.743	* 198.104	163.480
-3.0	1203.933	*911.446	* 511.057	* 198.051	163.480
-5.0	1148.681	*878.735	* 502.388	* 197.999	163.480
-7.0	1094.116	*846.414	* 489.380	* 197.947	163.480
-9.0	1039.060	*813.343	* 478.146	* 197.895	163.480
-11.0	983.742	* 779.636	* 466.467	* 197.843	163.480
-13.0	928.860	* 745.404	* 454.418	* 195.863	163.479
-15.0	873.387	* 710.755	* 442.071	* 195.192	163.479
-17.0	819.384	* 675.675	* 429.500	* 194.442	163.479
-19.5	751.302	* 631.441	* 413.573	193.398	163.479
-22.5	667.804	* 578.709	* 394.278	191.992	163.479
-25.5	620.115	* 523.329	* 374.998	190.430	163.479
-29.0	567.414	* 462.014	* 352.827	188.418	163.478
-33.0	511.313	* 397.003	328.508	185.888	163.478
-37.5	456.050	* 349.933	303.057	183.258	163.478
-42.5	399.085	320.920	278.533	181.012	163.477
-47.5	353.520	294.153	257.073	178.824	163.476
-55.0	301.892	260.747	229.957	175.260	163.475
-65.0	235.925	219.614	204.704	170.218	163.474
-75.0	168.610	176.899	185.087	166.811	163.472
-85.0	109.126	140.315	169.770	164.399	163.471
-90.0	96.177	129.530	163.243	163.392	163.470

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 4622.1
 Total Field Lumens (one side of beam only) = 4447.4
 * 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	3.74 *	7.45 *	7.41 *	7.36 *	7.30 *	7.23 *	7.15 *	7.06 *	6.87 *	8.21 *
75	8.94 *	17.82 *	17.72 *	17.59 *	17.43 *	17.26 *	17.05 *	16.79 *	16.33 *	19.53 *
65	10.70 *	21.31 *	21.15 *	20.94 *	20.71 *	20.44 *	20.13 *	19.72 *	19.09 *	22.82 *
55	12.03 *	23.88 *	23.53 *	23.09 *	22.65 *	22.18 *	21.68 *	21.03 *	20.26 *	24.24 *
47.5	8.58 *	17.07 *	16.89 *	16.63 *	16.36 *	16.05 *	15.57 *	14.97 *	14.42 *	17.45 *
42.5	5.13 *	10.21 *	10.15 *	10.09 *	10.00 *	9.87 *	9.62 *	9.29 *	8.97 *	10.81 *
37.5	4.75 *	9.46 *	9.41 *	9.34 *	9.25 *	9.09 *	8.88 *	8.70 *	8.49 *	10.22 *
33	4.16 *	8.29 *	8.24 *	8.19 *	8.10 *	7.94 *	7.75 *	7.56 *	7.36 *	8.92 *
29	3.62 *	7.18 *	7.10 *	7.01 *	6.93 *	6.87 *	6.75 *	6.53 *	6.27 *	7.61 *
25.5	3.26 *	6.50 *	6.45 *	6.33 *	6.14 *	6.01 *	5.92 *	5.74 *	5.44 *	6.50 *
22.5	2.86 *	5.67 *	5.60 *	5.55 *	5.47 *	5.28 *	5.14 *	5.09 *	4.99 *	5.90 *
19.5	2.64 *	5.26 *	5.20 *	5.18 *	5.21 *	5.15 *	5.00 *	4.92 *	4.92 *	6.04 *
17	2.37 *	4.74 *	4.72 *	4.66 *	4.56 *	4.47 *	4.38 *	4.25 *	4.11 *	4.98 *
15	2.01 *	4.00 *	3.96 *	3.93 *	3.86 *	3.73 *	3.61 *	3.55 *	3.45 *	4.06 *
13	1.93 *	3.86 *	3.84 *	3.81 *	3.79 *	3.72 *	3.61 *	3.55 *	3.50 *	4.15 *
11	1.88 *	3.78 *	3.79 *	3.76 *	3.73 *	3.67 *	3.63 *	3.63 *	3.56 *	4.21 *
9	1.99 *	3.98 *	3.98 *	3.95 *	3.92 *	3.82 *	3.76 *	3.83 *	3.70 *	4.27 *
7	2.02 *	4.06 *	4.04 *	4.02 *	4.00 *	3.90 *	3.87 *	3.92 *	3.75 *	4.28 *
5	1.90 *	3.83 *	3.82 *	3.83 *	3.82 *	3.80 *	3.84 *	3.83 *	3.64 *	4.20 *
3	1.86 *	3.78 *	3.85 *	3.87 *	3.86 *	3.90 *	3.88 *	3.73 *	3.53 *	4.16 *
1	1.95 *	3.94 *	4.01 *	4.01 *	3.96 *	3.92 *	3.80 *	3.62 *	3.46 *	4.16 *
0	0.96 *	1.92 *	1.91 *	1.90 *	1.87 *	1.84 *	1.79 *	1.74 *	1.70 *	2.08 *
-1	0.87 *	1.76 *	1.80 *	1.83 *	1.83 *	1.80 *	1.75 *	1.70 *	1.67 *	2.05 *
	1.76 *	3.57 *	3.66 *	3.70 *	3.69 *	3.63 *	3.49 *	3.33 *	3.23 *	3.92 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

LUMENS TABULATION - (Cont.)

-3	1.70 *	3.42 *	3.43 *	3.40 *	3.39 *	3.37 *	3.27 *	3.15 *	3.05 *	3.65 *
-5	1.47 *	2.95 *	2.95 *	2.94 *	2.95 *	2.94 *	2.90 *	2.87 *	2.82 *	3.37 *
-7	1.37 *	2.74 *	2.72 *	2.70 *	2.69 *	2.66 *	2.62 *	2.60 *	2.56 *	3.08 *
-9	1.26 *	2.53 *	2.52 *	2.51 *	2.49 *	2.45 *	2.41 *	2.38 *	2.33 *	2.81 *
-11	1.15 *	2.31 *	2.31 *	2.30 *	2.27 *	2.24 *	2.21 *	2.18 *	2.12 *	2.57 *
-13	1.05 *	2.12 *	2.11 *	2.09 *	2.07 *	2.04 *	2.01 *	1.97 *	1.93 *	2.34 *
-15	0.97 *	1.93 *	1.91 *	1.89 *	1.87 *	1.85 *	1.82 *	1.78 *	1.73 *	2.11 *
-17	1.06 *	2.13 *	2.11 *	2.09 *	2.07 *	2.03 *	2.00 *	1.96 *	1.92 *	2.32 *
-19.5	1.06 *	2.13 *	2.12 *	2.10 *	2.09 *	2.06 *	2.03 *	2.00 *	1.97 *	2.39 *
-22.5	0.87 *	1.75 *	1.75 *	1.74 *	1.74 *	1.73 *	1.71 *	1.69 *	1.68 *	2.06 *
-25.5	0.88 *	1.76 *	1.76 *	1.76 *	1.76 *	1.75 *	1.74 *	1.72 *	1.70 *	2.11 *
-29	0.91 *	1.82 *	1.82 *	1.81 *	1.81 *	1.80 *	1.78 *	1.76 *	1.73 *	2.15 *
-33	0.94 *	1.88 *	1.88 *	1.87 *	1.85 *	1.84 *	1.81 *	1.79 *	1.75 *	2.15 *
-37.5	0.93 *	1.86 *	1.85 *	1.84 *	1.82 *	1.80 *	1.78 *	1.75 *	1.72 *	2.09 *
-42.5	0.75 *	1.51 *	1.52 *	1.52 *	1.51 *	1.50 *	1.49 *	1.47 *	1.45 *	1.77 *
-47.5	0.91	1.82	1.82	1.81	1.80	1.78	1.76	1.74	1.72	2.11
-55	0.86	1.71	1.70	1.69	1.67	1.65	1.63	1.61	1.59	1.96
-65	0.50	1.00	1.00	0.99	0.98	0.97	0.95	0.94	0.93	1.16
-75	0.20	0.41	0.40	0.39	0.38	0.38	0.37	0.36	0.36	0.46
-85	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04
-90										
Total	110.76	221.09	219.92	218.03	215.66	212.41	208.36	203.79	197.81	237.46

Vert. Horizontal Angles

Angles	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	9.28 *	8.66 *	9.30 *	9.57 *	9.44 *	8.89 *	7.34 *	8.49 *	7.20 *	3.39 *
85	22.10 *	20.59 *	22.08 *	22.63 *	22.22 *	20.79 *	17.05 *	19.59 *	16.46 *	7.72 *
75	25.80 *	24.03 *	25.77 *	26.42 *	25.88 *	24.12 *	19.81 *	22.72 *	18.94 *	8.84 *
65	27.48 *	25.80 *	27.74 *	28.30 *	27.75 *	26.16 *	21.81 *	25.27 *	21.12 *	9.80 *
55	20.34 *	19.44 *	20.59 *	20.60 *	20.53 *	19.85 *	16.70 *	19.55 *	16.69 *	7.82 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

LUMENS TABULATION - (Cont.)

47.5	12.52 *	11.99 *	13.06 *	13.33 *	13.07 *	12.74 *	10.86 *	12.80 *	11.23 *	5.31 *
42.5	11.60 *	10.90 *	12.03 *	12.90 *	12.97 *	12.45 *	10.60 *	12.69 *	11.27 *	5.33 *
37.5	10.29 *	9.75 *	10.39 *	10.90 *	11.52 *	11.23 *	9.40 *	11.33 *	10.05 *	4.78 *
33	8.96 *	8.73 *	9.55 *	9.73 *	9.87 *	9.84 *	8.37 *	9.97 *	8.82 *	4.20 *
29	7.58 *	7.43 *	8.37 *	8.77 *	8.67 *	8.50 *	7.32 *	8.68 *	7.65 *	3.63 *
25.5	6.60 *	6.32 *	7.11 *	7.52 *	7.50 *	7.24 *	6.17 *	7.37 *	6.48 *	3.06 *
22.5	6.89 *	6.58 *	7.30 *	7.60 *	7.54 *	7.20 *	6.09 *	7.28 *	6.37 *	3.01 *
19.5	5.81 *	5.66 *	6.29 *	6.50 *	6.36 *	6.00 *	5.03 *	5.98 *	5.22 *	2.46 *
17	4.62 *	4.52 *	5.10 *	5.30 *	5.13 *	4.81 *	4.00 *	4.72 *	4.12 *	1.93 *
15	4.64 *	4.47 *	5.09 *	5.34 *	5.17 *	4.83 *	3.98 *	4.67 *	4.06 *	1.90 *
13	4.69 *	4.46 *	5.05 *	5.34 *	5.20 *	4.83 *	3.95 *	4.61 *	4.00 *	1.87 *
11	4.74 *	4.49 *	5.03 *	5.30 *	5.19 *	4.80 *	3.91 *	4.55 *	3.93 *	1.83 *
9	4.75 *	4.52 *	5.00 *	5.22 *	5.13 *	4.76 *	3.87 *	4.48 *	3.86 *	1.79 *
7	4.74 *	4.53 *	4.95 *	5.11 *	5.04 *	4.69 *	3.82 *	4.41 *	3.79 *	1.75 *
5	4.75 *	4.52 *	4.88 *	4.99 *	4.93 *	4.61 *	3.77 *	4.35 *	3.71 *	1.71 *
3	4.79 *	4.53 *	4.81 *	4.87 *	4.81 *	4.53 *	3.71 *	4.27 *	3.63 *	1.67 *
1	2.40 *	2.26 *	2.38 *	2.39 *	2.36 *	2.23 *	1.83 *	2.11 *	1.79 *	0.82 *
0	2.37 *	2.22 *	2.34 *	2.34 *	2.31 *	2.18 *	1.80 *	2.07 *	1.76 *	0.80 *
-1	4.49 *	4.22 *	4.46 *	4.47 *	4.42 *	4.19 *	3.46 *	4.00 *	3.42 *	1.58 *
-3	4.14 *	3.90 *	4.16 *	4.20 *	4.15 *	3.94 *	3.26 *	3.81 *	3.28 *	1.53 *
-5	3.80 *	3.58 *	3.85 *	3.91 *	3.88 *	3.68 *	3.07 *	3.60 *	3.14 *	1.49 *
-7	3.50 *	3.29 *	3.54 *	3.63 *	3.60 *	3.42 *	2.87 *	3.40 *	3.00 *	1.44 *
-9	3.22 *	3.03 *	3.26 *	3.35 *	3.31 *	3.15 *	2.67 *	3.20 *	2.86 *	1.39 *
-11	2.94 *	2.77 *	3.00 *	3.09 *	3.05 *	2.90 *	2.47 *	3.00 *	2.71 *	1.34 *
-13	2.67 *	2.51 *	2.73 *	2.84 *	2.83 *	2.68 *	2.27 *	2.79 *	2.57 *	1.28 *
-15	2.41 *	2.27 *	2.48 *	2.60 *	2.62 *	2.50 *	2.10 *	2.58 *	2.42 *	1.23 *
-17	2.68 *	2.54 *	2.78 *	2.92 *	2.98 *	2.91 *	2.45 *	2.99 *	2.83 *	1.47 *
-19.5	2.77 *	2.67 *	2.95 *	3.10 *	3.19 *	3.19 *	2.74 *	3.29 *	3.09 *	1.65 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

LUMENS TABULATION - (Cont.)

-22.5	2.39 *	2.33 *	2.61 *	2.77 *	2.86 *	2.89 *	2.52 *	3.02 *	2.81 *	1.53 *
-25.5	2.48 *	2.41 *	2.71 *	2.93 *	3.04 *	3.05 *	2.67 *	3.24 *	2.98 *	1.63 *
-29	2.54 *	2.46 *	2.76 *	2.99 *	3.12 *	3.11 *	2.71 *	3.34 *	3.04 *	1.68
-33	2.53 *	2.46 *	2.75 *	2.97 *	3.10 *	3.07 *	2.67 *	3.32 *	3.03 *	1.69
-37.5	2.45 *	2.37 *	2.65 *	2.85 *	2.96 *	2.96 *	2.57 *	3.21 *	3.00	1.71
-42.5	2.07 *	2.01 *	2.25 *	2.41 *	2.50 *	2.52 *	2.23	2.82	2.70	1.58
-47.5	2.47	2.38	2.68	2.92	3.07	3.14	2.83	3.67	3.59	2.15
-55	2.30	2.24	2.56	2.85	3.07	3.21	2.98	3.97	4.03	2.51
-65	1.39	1.38	1.58	1.79	2.00	2.17	2.09	2.91	3.17	2.15
-75	0.56	0.56	0.65	0.78	0.97	1.16	1.21	1.88	2.34	1.83
-85	0.06	0.07	0.10	0.14	0.22	0.31	0.37	0.65	0.93	0.82
-90										
Total	271.60	257.87	280.70	290.49	289.54	277.41	233.43	276.65	243.12	119.11

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90				152.45
85	1.02	0.07		360.08
75	2.23 *	0.15		421.97
65	2.47 *	0.15		458.62
55	2.65 *	0.15		338.26
47.5	2.05 *	0.11		212.49
42.5	1.38 *	0.08		201.80
37.5	1.38 *	0.07		177.45
33	1.23 *	0.07		155.05
29	1.08 *	0.06		135.87
25.5	0.93 *	0.05		117.76
22.5	0.79 *	0.04		116.18
19.5	0.77 *	0.04		99.21
17	0.63 *	0.03		80.94

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

LUMENS TABULATION - (Cont.)

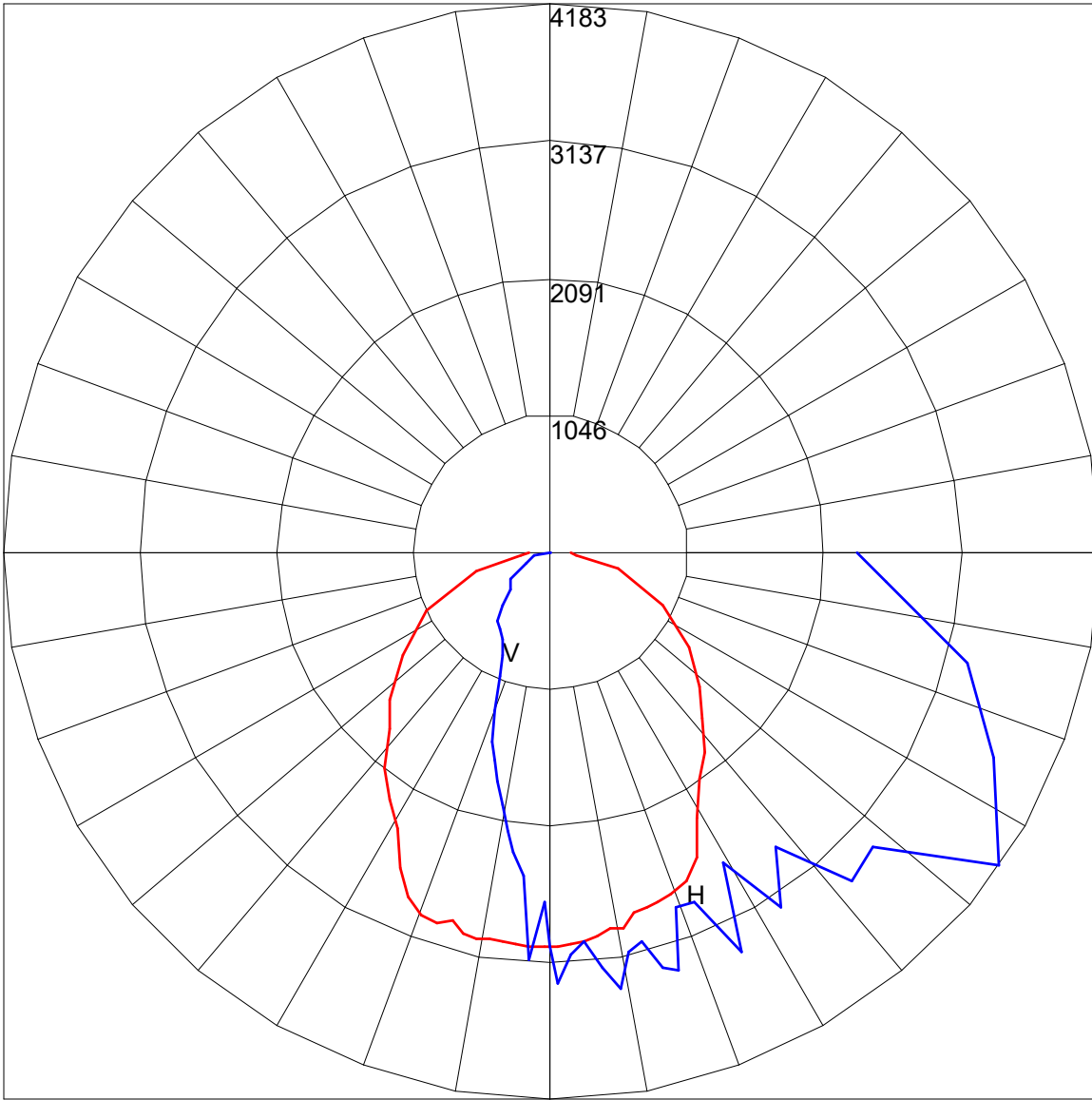
15	0.48 *	0.03	80.42
13	0.47 *	0.03	80.14
11	0.46 *	0.03	81.47
9	0.45	0.03	81.71
7	0.44	0.03	79.80
5	0.43	0.03	79.13
3	0.42	0.03	78.89
1	0.20	0.01	38.48
0	0.20	0.01	37.47
-1	0.40	0.02	73.09
-3	0.39	0.02	68.62
-5	0.39	0.02	62.58
-7	0.38	0.02	57.83
-9	0.37	0.02	53.54
-11	0.37	0.02	49.32
-13	0.36	0.02	45.28
-15	0.35	0.02	41.45
-17	0.43	0.03	46.68
-19.5	0.50	0.04	49.12
-22.5	0.48	0.04	42.96
-25.5	0.54	0.04	44.66
-29	0.59	0.05	45.76
-33	0.63	0.05	46.03
-37.5	0.66	0.06	44.90
-42.5	0.62	0.06	38.27
-47.5	0.88	0.09	47.11
-55	1.08	0.11	47.00
-65	1.01	0.11	31.13

IES FLOOD REPORT
PHOTOMETRIC FILENAME : MILGWPKSR-LED90DMVBZ50.IES

LUMENS TABULATION - (Cont.)

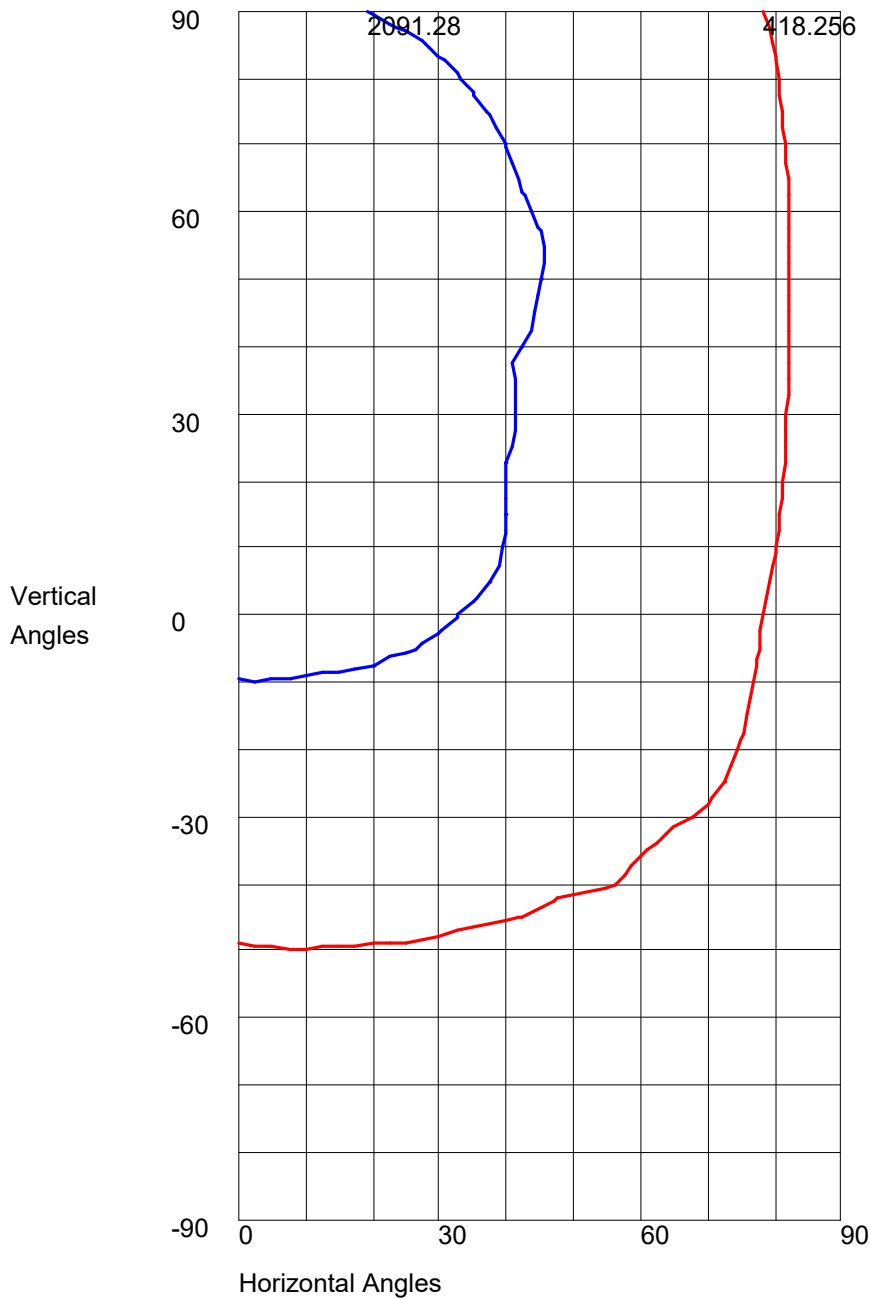
-75	0.95	0.11	16.71
-85	0.45	0.06	4.44
-90			
Total	34.52	2.36	4622.1

AXIAL CANDELA DISPLAY



Maximum Candela = 4182.56 Located At Horizontal Angle = 0, Vertical Angle = 55
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4182.56 Located At Horizontal Angle = 0, Vertical Angle = 55
50% Maximum Candela = 2091.28
10% Maximum Candela = 418.256