

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES****DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-1995

[TEST]

[DATE] 2017-9-15

[MANUFAC] JK Lighting

[LUMCAT] HighBay

[LUMINAIRE] GC201-60W-P540-D1-PCC-HK-B90(5050)

[LAMPCAT] LED

[LAMP] Philips

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	4014.858
Maximum Candela Angle	-3H -3V
Horizontal Beam Angle (50%)	83.1
Vertical Beam Angle (50%)	84.5
Horizontal Field Angle (10%)	141.6
Vertical Field Angle (10%)	140.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	4989
Beam Efficiency	N.A.
Field Lumens	7642
Field Efficiency	N.A.
Spill Lumens	310
Luminaire Lumens	7952
Total Efficiency	N.A.
Total Luminaire Watts	64.1
Ballast Factor	1.00

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES****AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.989	90	.291
85	25.586	85	8.699
75	266.519	75	204.532
65	577.98	65	483.12
55	994.451	55	914.127
47.5	1498.533	47.5	1403.516
42.5	1915.827	42.5	1819.437
37.5	2370.735	37.5	2280.615
33	2761.736	33	2682.901
29	3063.598	29	3005.529
25.5	3275.889	25.5	3239.488
22.5	3425.135	22.5	3397.511
19.5	3559.844	19.5	3540.527
17	3638.797	17	3632.606
15	3701.959	15	3706.269
13	3751.485	13	3756.423
11	3801.012	11	3806.576
9	3840.037	9	3847.483
7	3868.562	7	3879.142
5	3897.087	5	3910.801
3	3928.277	3	3936.505
1	3959.466	1	3962.209
0	3975.061	0	3975.061
-1	3959.936	-1	3969.34
-3	3929.687	-3	3957.899
-5	3899.438	-5	3946.457
-7	3872.951	-7	3929.53
-9	3846.464	-9	3912.603
-11	3808.143	-11	3886.194
-13	3757.99	-13	3850.303
-15	3707.836	-15	3814.412
-17	3638.718	-17	3757.989
-19.5	3552.321	-19.5	3687.461
-22.5	3416.906	-22.5	3575.595
-25.5	3267.503	-25.5	3450.211
-29	3048.63	-29	3256.845
-33	2743.242	-33	2978.258
-37.5	2361.919	-37.5	2613.078
-42.5	1909.362	-42.5	2154.448
-47.5	1485.212	-47.5	1697.58
-55	990.533	-55	1122.578
-65	573.631	-65	619.044
-75	271.534	-75	296.611
-85	26.448	-85	47.607
-90	.483	-90	3.341

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES****CANDELA TABULATION**

Maximum Candela = 4014.858

Beam Edge = 2007.429 Cd (50% of Max.)

Field Edge = 401.4858 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Horizontal Angles
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	0.431	0.418	0.390	0.360	0.328	0.303	0.295	0.295	0.295	0.295
85.0	0.435	2.566	6.102	8.598	10.030	10.422	10.610	10.875	10.985	10.985
75.0	0.444	6.816	17.474	44.280	83.393	109.856	136.923	158.718	175.202	187.324
65.0	0.453	10.902	47.461	124.101	237.905	325.156	383.786	424.541 *	453.199 *	473.745 *
55.0	0.461	14.717	91.329	239.704	413.861 *	545.103 *	629.989 *	710.809 *	761.666 *	800.509 *
47.5	0.466	17.336	122.112	321.745	534.902 *	704.459 *	820.411 *	944.532 *	1030.416 *	1108.859 *
42.5	0.469	18.943	150.429	372.344	608.014 *	808.249 *	955.627 *	1105.095 *	1245.421 *	1346.762 *
37.5	0.472	20.424	176.202	417.886 *	684.544 *	919.613 *	1092.681 *	1286.711 *	1470.422 *	1620.973 *
33.0	0.475	21.640	197.051	454.635 *	746.257 *	1011.996 *	1228.538 *	1462.203 *	1677.887 *	1895.143 *
29.0	0.477	22.620	213.599	483.613 *	795.748 *	1102.207 *	1341.714 *	1618.669 *	1892.456 *	2144.648 *
25.5	0.478	23.395	226.477	505.838 *	841.690 *	1178.582 *	1451.954 *	1758.981 *	2072.266 *	2331.670 *
22.5	0.479	23.997	236.286	522.485 *	876.631 *	1237.532 *	1538.248 *	1884.676 *	2213.441 *	2487.294 *
19.5	0.480	24.537	244.931	536.864 *	907.265 *	1290.003 *	1616.182 *	1998.838 *	2340.486 *	2627.855 *
17.0	0.481	24.940	251.229	547.087 *	929.367 *	1332.038 *	1674.182 *	2084.264 *	2435.636 *	2730.040 *
15.0	0.481	25.230	255.666	554.103 *	944.735 *	1366.395 *	1722.898 *	2145.632 *	2504.084 *	2803.477 *
13.0	0.482	25.491	259.563	560.079 *	957.996 *	1396.694 *	1768.710 *	2198.297 *	2565.211 *	2868.911 *
11.0	0.482	26.197	262.916	565.013 *	969.109 *	1422.781 *	1808.455 *	2244.079 *	2616.343 *	2925.794 *
9.0	0.482	26.242	265.722	568.905 *	978.038 *	1444.514 *	1841.900 *	2282.690 *	2658.496 *	2973.618 *
7.0	0.483	26.287	267.979	571.757 *	984.754 *	1461.759 *	1868.831 *	2313.875 *	2692.387 *	3007.610 *
5.0	0.483	26.333	271.406	573.573 *	989.231 *	1474.398 *	1889.061 *	2337.424 *	2717.782 *	3029.303 *
3.0	0.483	26.379	271.457	575.493 *	994.005 *	1482.328 *	1902.431 *	2353.168 *	2734.519 *	3043.031 *
1.0	0.483	26.425	271.508	574.252 *	991.691 *	1485.463 *	1908.817 *	2360.994 *	2742.520 *	3048.754 *
0.0	0.483	26.448	271.534	573.631 *	990.533 *	1485.212 *	1909.362 *	2361.919 *	2743.242 *	3048.630 *
-1.0	0.483	26.448	272.226	575.626 *	994.203 *	1490.240 *	1915.201 *	2368.635 *	2750.939 *	3057.042 *
-3.0	0.483	26.641	273.608	579.613 *	1001.534 *	1496.595 *	1921.562 *	2376.042 *	2759.830 *	3067.957 *
-5.0	0.483	26.769	274.988	580.417 *	1001.708 *	1497.969 *	1920.871 *	2375.390 *	2760.136 *	3071.055 *
-7.0	0.483	26.897	272.974	581.303 *	1002.111 *	1494.326 *	1913.208 *	2366.702 *	2752.032 *	3066.492 *
-9.0	0.482	27.025	272.123	581.119 *	1000.168 *	1485.654 *	1898.690 *	2350.063 *	2735.765 *	3050.100 *
-11.0	0.482	27.152	270.705	579.851 *	995.874 *	1471.962 *	1877.468 *	2325.609 *	2711.643 *	3020.507 *
-13.0	0.482	26.590	268.720	577.488 *	989.231 *	1453.282 *	1849.719 *	2293.529 *	2678.096 *	2982.506 *
-15.0	0.481	26.484	266.168	574.020 *	980.251 *	1429.669 *	1815.646 *	2254.054 *	2632.181 *	2936.655 *
-17.0	0.481	26.344	263.049	569.442 *	968.950 *	1401.195 *	1777.558 *	2205.773 *	2578.157 *	2883.532 *
-19.5	0.480	26.119	258.356	562.156 *	951.599 *	1365.861 *	1728.771 *	2136.107 *	2499.882 *	2807.777 *
-22.5	0.479	25.777	251.566	551.120 *	926.133 *	1320.258 *	1659.107 *	2039.907 *	2391.362 *	2691.251 *
-25.5	0.478	25.355	243.527	537.598 *	895.728 *	1266.427 *	1577.923 *	1931.114 *	2267.733 *	2553.280 *
-29.0	0.477	24.764	232.594	518.720 *	854.232 *	1193.732 *	1469.591 *	1799.510 *	2107.610 *	2384.131 *
-33.0	0.475	23.957	218.095	493.140 *	810.303 *	1105.905 *	1357.566 *	1639.171 *	1910.006 *	2155.697 *
-37.5	0.472	22.886	199.315	460.038 *	754.115 *	1016.968 *	1218.341 *	1454.055 *	1686.334 *	1876.495 *
-42.5	0.469	21.500	175.522	418.951 *	682.624 *	906.845 *	1078.983 *	1259.794 *	1435.805 *	1560.830 *
-47.5	0.466	19.916	148.838	372.429	611.893 *	807.143 *	940.924 *	1090.982 *	1193.477 *	1289.864 *
-55.0	0.461	17.196	115.856	294.501	493.269 *	649.127 *	753.162 *	847.171 *	904.161 *	950.410 *
-65.0	0.453	13.012	65.945	179.183	322.828	431.233 *	502.888 *	544.107 *	575.112 *	598.341 *
-75.0	0.444	8.334	28.862	77.115	150.899	209.137	246.086	267.078	282.557	293.559
-85.0	0.436	3.343	10.800	20.195	31.132	40.048	44.380	46.418	47.857	48.824
-90.0	0.431	0.797	1.534	2.274	3.017	3.576	3.741	3.697	3.657	3.620

Vert. Horizontal Angles
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	0.295	0.295	0.295	0.294	0.294	0.294	0.293	0.293	0.293	0.292

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CANDELA TABULATION - (Cont.)

85.0	10.912	10.798	10.639	10.475	10.323	10.154	10.151	9.887	9.623	9.359
75.0	195.961	201.898	206.487	209.287	210.863	211.853	212.264	212.102	211.377	211.742
65.0	487.859 *	497.067 *	503.604 *	507.020 *	508.433 *	508.683 *	507.783 *	505.750 *	502.601 *	498.358 *
55.0	836.169 *	862.563 *	884.839 *	900.080 *	910.001 *	917.832 *	923.514 *	926.989 *	928.209 *	927.129 *
47.5	1174.704	*1224.752	*1268.412	*1302.817	*1330.674	*1354.552	*1374.301	*1389.779	*1400.859	*1407.428 *
42.5	1445.119	*1521.285	*1589.128	*1638.743	*1680.938	*1720.280	*1753.549	*1780.525	*1801.010	*1814.835 *
37.5	1749.934	*1866.004	*1970.255	*2047.205	*2101.749	*2149.771	*2190.927	*2224.867	*2251.268	*2269.847 *
33.0	2065.524	*2198.354	*2318.845	*2408.996	*2473.687	*2531.212	*2578.803	*2617.328	*2647.440	*2668.839 *
29.0	2331.183	*2480.222	*2615.289	*2713.597	*2784.088	*2846.673	*2900.753	*2945.755	*2976.840	*2995.439 *
25.5	2544.707	*2709.704	*2855.707	*2965.922	*3033.660	*3088.709	*3136.227	*3175.609	*3206.297	*3227.816 *
22.5	2710.238	*2889.056	*3043.298	*3138.419	*3207.296	*3268.910	*3321.011	*3352.071	*3376.034	*3392.375 *
19.5	2860.894	*3043.295	*3189.472	*3298.554	*3364.901	*3414.027	*3456.927	*3492.777	*3520.752	*3540.087 *
17.0	2974.515	*3141.370	*3297.243	*3401.304	*3464.795	*3519.335	*3567.474	*3597.402	*3618.761	*3632.853 *
15.0	3044.641	*3212.212	*3365.460	*3463.217	*3538.344	*3597.303	*3634.317	*3665.437	*3689.622	*3705.830 *
13.0	3101.859	*3275.460	*3416.389	*3519.342	*3595.954	*3654.033	*3697.197	*3732.160	*3757.004	*3766.862 *
11.0	3151.406	*3328.973	*3460.860	*3568.722	*3634.069	*3695.973	*3755.964	*3788.807	*3808.398	*3819.873 *
9.0	3192.746	*3361.928	*3498.088	*3599.674	*3665.914	*3731.377	*3787.668	*3835.729	*3859.938	*3873.822 *
7.0	3225.416	*3387.762	*3527.313	*3621.860	*3690.484	*3756.371	*3807.769	*3859.286	*3909.479	*3914.377 *
5.0	3249.053	*3406.031	*3547.871	*3636.664	*3706.835	*3766.815	*3819.814	*3873.721	*3913.415	*3954.064 *
3.0	3263.428	*3416.416	*3555.700	*3643.577	*3714.227	*3769.400	*3822.555	*3871.005	*3906.299	*3947.008 *
1.0	3268.465	*3418.755	*3555.184	*3642.360	*3713.417	*3763.798	*3815.375	*3856.525	*3886.789	*3921.343 *
0.0	3267.503	*3416.906	*3552.321	*3638.718	*3707.836	*3757.990	*3808.143	*3846.464	*3872.951	*3899.438 *
-1.0	3276.588	*3427.143	*3563.894	*3650.884	*3721.691	*3771.934	*3823.268	*3864.383	*3895.054	*3930.184 *
-3.0	3287.890	*3441.595	*3581.969	*3669.341	*3739.380	*3794.095	*3846.653	*3894.756	*3931.323	*3974.157 *
-5.0	3290.123	*3448.045	*3591.990	*3680.220	*3749.579	*3808.860	*3861.237	*3914.291	*3955.746	*3999.906 *
-7.0	3283.521	*3446.681	*3589.180	*3684.042	*3751.903	*3816.894	*3868.032	*3919.292	*3969.731	*3969.951 *
-9.0	3268.449	*3437.841	*3577.794	*3681.501	*3747.289	*3812.152	*3868.370	*3917.166	*3933.403	*3941.085 *
-11.0	3245.370	*3421.985	*3558.511	*3670.928	*3736.740	*3798.757	*3859.029	*3883.371	*3895.491	*3901.614 *
-13.0	3214.819	*3387.709	*3532.092	*3640.376	*3721.217	*3780.317	*3814.838	*3840.489	*3857.926	*3863.045 *
-15.0	3177.371	*3344.847	*3499.326	*3603.166	*3683.887	*3738.771	*3766.107	*3788.856	*3806.217	*3817.395 *
-17.0	3127.981	*3295.355	*3451.617	*3560.250	*3622.473	*3671.451	*3713.642	*3736.316	*3751.576	*3761.217 *
-19.5	3042.000	*3225.267	*3373.273	*3476.282	*3535.944	*3580.580	*3618.869	*3650.164	*3673.889	*3689.602 *
-22.5	2926.332	*3107.414	*3256.251	*3341.159	*3402.609	*3457.594	*3504.224	*3532.516	*3554.202	*3569.020 *
-25.5	2793.068	*2961.935	*3094.626	*3195.215	*3256.570	*3306.195	*3349.220	*3385.168	*3413.617	*3434.223 *
-29.0	2595.497	*2751.180	*2885.931	*2976.026	*3040.981	*3099.034	*3149.663	*3192.371	*3222.314	*3240.926 *
-33.0	2334.633	*2474.654	*2601.242	*2695.486	*2762.887	*2822.706	*2869.235	*2906.175	*2935.765	*2957.746 *
-37.5	2023.800	*2146.191	*2258.325	*2342.933	*2404.120	*2456.090	*2501.022	*2538.662	*2568.791	*2591.239 *
-42.5	1683.421	*1778.905	*1864.615	*1927.938	*1976.494	*2020.900	*2059.455	*2091.858	*2117.823	*2137.086 *
-47.5	1372.968	*1437.427	*1495.014	*1540.940	*1577.945	*1610.315	*1637.883	*1660.494	*1678.009	*1690.304 *
-55.0	994.611 *	1028.156	*1057.367	*1078.185	*1092.412	*1104.391	*1114.045	*1121.299	*1126.087	*1128.346 *
-65.0	614.628 *	625.551 *	633.658 *	638.262 *	640.541 *	641.581 *	641.389 *	639.980 *	637.368 *	633.572 *
-75.0	301.042	305.862	309.219	310.904	311.532	311.525	310.892	309.639	307.777	307.088
-85.0	49.432	49.778	49.966	50.004	49.958	49.847	50.539	50.006	49.473	48.940
-90.0	3.588	3.560	3.532	3.508	3.489	3.470	3.450	3.430	3.411	3.391

**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	0.292	0.291	0.291	0.293	0.296	0.299	0.303	0.306	0.309	0.313
85.0	9.095	8.831	8.699	8.676	8.631	8.585	8.540	8.494	8.449	8.195
75.0	208.859	205.974	204.532	205.433	207.236	209.038	207.603	207.260	206.361	204.898
65.0	494.185 *	486.809 *	483.120 *	486.175 *	492.284 *	495.185 *	498.157 *	500.031 *	500.786 *	500.402 *
55.0	926.399 *	918.219 *	914.127 *	917.209 *	923.371 *	922.099 *	921.193 *	918.012 *	912.608 *	905.036 *
47.5	1409.387	*1406.658	*1403.516	*1405.530	*1406.005	*1401.798	*1392.990	*1379.684	*1361.995	*1340.054 *
42.5	1821.862	*1821.986	*1819.437	*1820.646	*1817.857	*1808.208	*1791.832	*1768.893	*1739.586	*1704.129 *
37.5	2280.362	*2282.623	*2280.615	*2280.822	*2274.986	*2260.979	*2239.043	*2209.467	*2172.582	*2128.748 *
33.0	2681.294	*2684.655	*2682.901	*2682.237	*2674.085	*2656.974	*2631.140	*2596.890	*2554.594	*2503.614 *

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CANDELA TABULATION - (Cont.)

29.0	3005.780	*3007.723	*3005.529	*3004.727	*2996.796	*2980.471	*2955.898	*2919.217	*2869.411	*2811.109 *
25.5	3239.806	*3242.048	*3239.488	*3238.901	*3230.371	*3212.108	*3184.339	*3147.432	*3101.866	*3048.201 *
22.5	3400.677	*3400.669	*3397.511	*3397.505	*3391.162	*3376.439	*3353.566	*3322.926	*3285.017	*3226.498 *
19.5	3546.518	*3544.348	*3540.527	*3541.218	*3537.062	*3524.148	*3498.238	*3463.511	*3420.703	*3370.628 *
17.0	3639.028	*3636.864	*3632.606	*3633.900	*3630.047	*3617.602	*3596.856	*3568.369	*3530.897	*3475.419 *
15.0	3713.153	*3712.182	*3706.269	*3709.393	*3704.643	*3691.274	*3668.527	*3637.217	*3598.352	*3552.986 *
13.0	3768.820	*3762.564	*3756.423	*3759.645	*3760.064	*3752.268	*3736.565	*3704.832	*3661.952	*3611.671 *
11.0	3821.990	*3814.147	*3806.576	*3811.053	*3812.722	*3804.458	*3786.873	*3761.199	*3722.161	*3661.811 *
9.0	3871.269	*3857.413	*3847.483	*3854.399	*3861.799	*3857.264	*3836.945	*3806.807	*3759.822	*3703.980 *
7.0	3908.853	*3891.820	*3879.142	*3889.399	*3900.820	*3898.948	*3884.935	*3835.468	*3784.822	*3734.228 *
5.0	3950.120	*3929.931	*3910.801	*3928.650	*3944.326	*3940.733	*3896.832	*3854.742	*3801.552	*3749.252 *
3.0	3985.032	*3954.125	*3936.505	*3952.805	*3980.649	*3940.236	*3895.888	*3857.548	*3808.801	*3756.289 *
1.0	3949.853	*3978.385	*3962.209	*3976.943	*3947.656	*3918.305	*3880.727	*3847.972	*3806.033	*3755.086 *
0.0	3929.687	*3959.936	*3975.061	*3959.466	*3928.277	*3897.087	*3868.562	*3840.037	*3801.012	*3751.485 *
-1.0	3958.981	*3988.356	*3969.340	*3983.151	*3953.336	*3923.806	*3887.267	*3854.990	*3813.098	*3761.985 *
-3.0	4014.858	*3976.574	*3957.899	*3971.800	*3999.326	*3959.265	*3916.493	*3879.169	*3830.136	*3777.090 *
-5.0	3990.360	*3965.489	*3946.457	*3960.854	*3976.411	*3977.000	*3933.784	*3892.035	*3837.529	*3784.243 *
-7.0	3960.589	*3941.836	*3929.530	*3937.677	*3948.102	*3949.098	*3940.695	*3888.616	*3835.947	*3783.823 *
-9.0	3935.738	*3921.624	*3912.603	*3917.760	*3924.109	*3921.205	*3903.449	*3876.406	*3826.638	*3769.606 *
-11.0	3900.860	*3892.841	*3886.194	*3888.904	*3888.775	*3880.644	*3864.635	*3841.566	*3806.005	*3744.874 *
-13.0	3862.394	*3855.781	*3850.303	*3851.592	*3849.639	*3841.202	*3826.246	*3797.557	*3759.246	*3713.221 *
-15.0	3821.706	*3819.619	*3814.412	*3815.252	*3808.361	*3794.526	*3772.991	*3744.284	*3709.146	*3668.397 *
-17.0	3764.751	*3761.868	*3757.989	*3757.192	*3750.574	*3737.114	*3716.898	*3690.268	*3655.837	*3604.477 *
-19.5	3693.721	*3690.947	*3687.461	*3685.979	*3678.707	*3664.369	*3638.894	*3605.694	*3565.243	*3518.129 *
-22.5	3576.843	*3577.710	*3575.595	*3573.059	*3562.919	*3545.915	*3522.058	*3491.514	*3454.575	*3401.552 *
-25.5	3446.753	*3451.100	*3450.211	*3446.879	*3434.190	*3413.610	*3385.420	*3350.000	*3307.808	*3259.347 *
-29.0	3252.566	*3257.173	*3256.845	*3253.814	*3242.557	*3224.468	*3199.733	*3163.545	*3113.944	*3056.157 *
-33.0	2971.915	*2978.143	*2978.258	*2974.865	*2962.058	*2941.244	*2912.511	*2876.022	*2832.004	*2778.659 *
-37.5	2605.882	*2612.651	*2613.078	*2609.634	*2596.859	*2576.294	*2548.060	*2512.330	*2469.321	*2419.289 *
-42.5	2149.410	*2154.591	*2154.448	*2151.754	*2140.888	*2122.836	*2097.775	*2065.916	*2027.500	*1982.787 *
-47.5	1697.276	*1698.843	*1697.580	*1696.436	*1690.090	*1678.448	*1661.663	*1639.909	*1613.371	*1582.253 *
-55.0	1131.025	*1125.395	*1122.578	*1124.034	*1126.945	*1121.572	*1116.644	*1109.225	*1099.388	*1087.212 *
-65.0	629.864 *	622.651 *	619.044 *	621.637 *	626.822 *	628.531 *	630.351 *	631.029 *	630.557 *	628.931 *
-75.0	302.898	298.707	296.611	297.827	300.259	302.690	301.621	301.726	301.223	300.103
-85.0	48.407	47.874	47.607	47.463	47.174	46.886	46.598	46.309	46.021	44.626
-90.0	3.371	3.351	3.341	3.297	3.209	3.122	3.034	2.946	2.858	2.770

**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	0.316	0.319	0.323	0.328	0.333	0.338	0.345	0.352	0.360	0.397
85.0	8.083	7.962	7.799	7.587	7.358	7.071	6.718	6.293	5.791	6.012
75.0	202.867	200.263	196.197	190.121	182.736	172.467	158.562	140.185	116.444	90.384
65.0	498.864 *	496.157 *	491.113 *	482.606 *	471.410 *	454.947 *	431.675 *	400.294	357.978	302.953
55.0	895.360 *	883.644 *	866.240 *	841.496 *	812.786 *	774.636 *	734.323 *	682.762 *	606.256 *	523.868 *
47.5	1314.005	*1284.001	*1246.986	*1200.307	*1147.342	*1078.227	*996.472 *	909.979 *	792.147 *	683.558 *
42.5	1662.764	*1618.595	*1566.199	*1495.105	*1415.782	*1313.865	*1208.889	*1071.241	*927.568 *	786.403 *
37.5	2078.347	*2021.511	*1942.064	*1835.397	*1717.563	*1585.888	*1435.009	*1256.146	*1066.152	*898.508 *
33.0	2443.043	*2375.749	*2282.997	*2160.367	*2026.012	*1855.378	*1646.429	*1435.492	*1205.782	*991.973 *
29.0	2744.933	*2671.515	*2570.502	*2433.201	*2283.068	*2103.969	*1860.932	*1595.922	*1322.922	*1085.069 *
25.5	2987.041	*2914.177	*2800.947	*2653.025	*2495.792	*2291.943	*2040.296	*1738.415	*1436.649	*1164.825 *
22.5	3158.586	*3083.477	*2980.644	*2829.916	*2662.826	*2450.540	*2182.796	*1864.138	*1526.163	*1226.899 *
19.5	3314.105	*3240.814	*3129.060	*2988.528	*2816.274	*2595.354	*2314.003	*1978.514	*1607.518	*1282.679 *
17.0	3413.299	*3345.498	*3244.552	*3094.090	*2933.542	*2700.852	*2413.846	*2064.293	*1668.510	*1327.447 *
15.0	3488.514	*3415.320	*3319.558	*3170.821	*3008.729	*2777.650	*2486.802	*2126.186	*1718.420	*1363.853 *
13.0	3554.378	*3479.319	*3378.028	*3239.880	*3071.687	*2847.072	*2553.043	*2182.228	*1765.076	*1396.236 *
11.0	3600.500	*3536.535	*3429.985	*3299.277	*3126.957	*2908.549	*2608.481	*2231.677	*1805.826	*1424.436 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

CANDELA TABULATION - (Cont.)

9.0	3639.212	*3574.622	*3474.639	*3339.275	*3174.034	*2961.537	*2654.764	*2274.164	*1840.453	*1448.298 *
7.0	3669.538	*3603.075	*3511.229	*3372.084	*3212.489	*3001.219	*2693.149	*2309.343	*1868.758	*1467.681 *
5.0	3690.685	*3623.495	*3539.086	*3397.262	*3242.005	*3028.812	*2723.348	*2336.899	*1890.569	*1482.457 *
3.0	3702.229	*3635.650	*3553.442	*3414.491	*3262.400	*3048.584	*2745.136	*2356.555	*1905.742	*1492.511 *
1.0	3705.334	*3639.677	*3559.353	*3423.613	*3273.652	*3060.531	*2758.360	*2368.079	*1914.168	*1497.747 *
0.0	3701.959	*3638.797	*3559.844	*3425.135	*3275.889	*3063.598	*2761.736	*2370.735	*1915.827	*1498.533 *
-1.0	3712.083	*3646.564	*3566.331	*3430.627	*3280.806	*3068.500	*2766.059	*2374.755	*1919.450	*1501.659 *
-3.0	3722.714	*3656.447	*3574.474	*3435.599	*3284.040	*3072.614	*2768.227	*2376.537	*1921.544	*1504.209 *
-5.0	3725.409	*3658.595	*3574.454	*3432.661	*3278.653	*3069.263	*2761.819	*2370.050	*1916.765	*1501.827 *
-7.0	3719.267	*3653.071	*3561.358	*3422.085	*3264.977	*3058.671	*2746.977	*2355.439	*1905.140	*1494.536 *
-9.0	3704.853	*3640.240	*3540.071	*3404.278	*3243.451	*3036.026	*2723.918	*2332.899	*1886.736	*1482.380 *
-11.0	3683.001	*3618.554	*3511.325	*3379.746	*3214.594	*2999.456	*2692.924	*2302.674	*1861.654	*1465.420 *
-13.0	3654.658	*3578.470	*3475.912	*3339.636	*3178.971	*2954.323	*2652.248	*2265.047	*1830.029	*1443.739 *
-15.0	3607.339	*3532.339	*3434.617	*3292.072	*3137.163	*2901.166	*2599.181	*2220.331	*1792.023	*1417.433 *
-17.0	3546.763	*3481.066	*3381.061	*3238.739	*3082.711	*2840.547	*2538.637	*2168.495	*1750.059	*1386.615 *
-19.5	3464.992	*3399.348	*3299.162	*3164.991	*2986.677	*2755.148	*2453.191	*2094.110	*1697.420	*1348.251 *
-22.5	3341.449	*3275.978	*3187.533	*3036.785	*2858.441	*2629.382	*2337.591	*1991.653	*1624.392	*1299.198 *
-25.5	3205.141	*3138.646	*3027.800	*2882.053	*2713.919	*2485.405	*2207.439	*1875.905	*1541.279	*1242.624 *
-29.0	2990.658	*2917.951	*2817.719	*2674.772	*2514.251	*2311.904	*2037.835	*1740.520	*1432.548	*1167.676 *
-33.0	2713.294	*2640.800	*2540.857	*2408.429	*2260.321	*2069.609	*1829.905	*1582.501	*1319.143	*1078.373 *
-37.5	2362.522	*2295.113	*2202.306	*2079.790	*1946.397	*1793.904	*1614.370	*1401.723	*1180.292	*988.143 *
-42.5	1932.061	*1877.759	*1810.333	*1721.262	*1624.216	*1502.161	*1376.907	*1211.758	*1041.122	*877.175 *
-47.5	1546.764	*1507.122	*1458.073	*1397.158	*1330.254	*1245.480	*1147.820	*1044.816	*903.097	*775.987 *
-55.0	1072.780	*1056.178	*1032.513	*1000.081	*963.554	*916.194	*866.487	*806.055	*715.031	*619.823 *
-65.0	626.149	*622.212	*615.671	*605.461	*592.705	*574.658	*549.960	*516.624	*470.037	*399.427
-75.0	298.358	295.980	292.112	286.142	278.715	268.201	253.751	234.411	209.157	173.473
-85.0	43.981	43.288	42.358	41.152	39.851	38.221	36.218	33.801	30.936	27.581
-90.0	2.682	2.594	2.483	2.350	2.217	2.062	1.884	1.684	1.461	1.326

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	0.496	0.627	0.754	0.879	0.940
85.0	6.912	6.971	5.629	2.854	0.944
75.0	69.821	37.719	15.393	6.768	0.953
65.0	219.957	110.862	42.878	10.549	0.961
55.0	396.152	226.314	83.784	14.107	0.968
47.5	519.953	*309.546	112.894	16.572	0.973
42.5	595.356	*361.570	141.459	18.097	0.976
37.5	672.201	*408.772	*167.540	19.514	0.979
33.0	734.831	*447.158	*188.714	20.686	0.981
29.0	785.612	*477.613	*205.587	21.640	0.983
25.5	832.686	*501.140	*218.775	22.403	0.984
22.5	868.732	*518.907	*228.866	22.999	0.986
19.5	900.592	*534.403	*237.806	23.540	0.986
17.0	923.806	*545.551	*244.360	23.948	0.987
15.0	940.120	*553.301	*249.006	24.245	0.988
13.0	954.377	*560.004	*253.117	24.515	0.988
11.0	966.534	*565.656	*256.686	25.205	0.988
9.0	976.553	*570.255	*259.711	25.274	0.989
7.0	984.402	*573.801	*262.188	25.343	0.989
5.0	990.053	*576.297	*265.841	25.412	0.989
3.0	996.004	*578.904	*266.112	25.482	0.989
1.0	994.969	*578.288	*266.383	25.586	0.989
0.0	994.451	*577.980	*266.519	25.586	0.989
-1.0	997.280	*579.501	*267.013	25.616	0.989
-3.0	1002.930	*582.541	*268.000	25.677	0.989

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES****CANDELA TABULATION - (Cont.)**

-5.0	1001.531	*582.352	* 268.985	25.737	0.989
-7.0	1000.371	*582.263	* 266.569	25.797	0.989
-9.0	996.914	* 581.109	* 265.320	25.857	0.989
-11.0	991.161	* 578.883	* 263.506	25.917	0.988
-13.0	983.120	* 575.582	* 261.127	25.333	0.988
-15.0	972.806	* 571.203	* 258.183	25.178	0.988
-17.0	960.238	* 565.747	* 254.675	24.991	0.987
-19.5	941.405	* 557.417	* 249.500	24.715	0.987
-22.5	914.315	* 545.223	* 242.142	24.319	0.986
-25.5	882.463	* 530.663	* 233.545	23.854	0.985
-29.0	839.506	* 510.741	* 221.978	23.226	0.983
-33.0	793.262	* 484.212	* 206.780	22.396	0.981
-37.5	734.777	* 449.651	* 187.248	21.324	0.979
-42.5	661.246	* 405.421	* 162.672	19.969	0.976
-47.5	590.972	* 355.641	135.262	18.450	0.973
-55.0	472.547	* 274.008	103.963	15.890	0.968
-65.0	293.872	157.071	57.405	12.027	0.961
-75.0	125.359	63.525	23.753	7.771	0.953
-85.0	22.095	15.094	8.734	3.271	0.944
-90.0	1.256	1.164	1.073	0.984	0.940

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 3975.79

Total Field Lumens (one side of beam only) = 3820.84

* 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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
75	0.33	0.66	0.66	0.66	0.66	0.66	0.65	0.64	0.63	0.77
65	1.05	2.12	2.14	2.15	2.15	2.14	2.13	2.10	2.07	2.54
55	2.13 *	4.30 *	4.31 *	4.31 *	4.30 *	4.27 *	4.23 *	4.17 *	4.10 *	5.00 *
47.5	2.65 *	5.32 *	5.31 *	5.28 *	5.24 *	5.17 *	5.08 *	4.97 *	4.84 *	5.86 *
42.5	2.46 *	4.91 *	4.89 *	4.85 *	4.79 *	4.71 *	4.60 *	4.47 *	4.33 *	5.20 *
37.5	3.12 *	6.24 *	6.21 *	6.15 *	6.06 *	5.94 *	5.79 *	5.63 *	5.44 *	6.51 *
33	3.40 *	6.79 *	6.76 *	6.69 *	6.59 *	6.46 *	6.30 *	6.12 *	5.91 *	7.06 *
29	3.47 *	6.92 *	6.89 *	6.82 *	6.72 *	6.59 *	6.43 *	6.25 *	6.04 *	7.22 *
25.5	3.33 *	6.65 *	6.62 *	6.56 *	6.47 *	6.35 *	6.21 *	6.04 *	5.85 *	6.99 *
22.5	3.03 *	6.06 *	6.03 *	5.98 *	5.91 *	5.81 *	5.69 *	5.55 *	5.38 *	6.45 *
19.5	3.17 *	6.34 *	6.31 *	6.27 *	6.19 *	6.10 *	5.98 *	5.84 *	5.67 *	6.81 *
17	2.73 *	5.46 *	5.44 *	5.41 *	5.35 *	5.27 *	5.17 *	5.05 *	4.91 *	5.91 *
15	2.24 *	4.47 *	4.46 *	4.43 *	4.38 *	4.32 *	4.24 *	4.15 *	4.03 *	4.85 *
13	2.27 *	4.55 *	4.54 *	4.51 *	4.46 *	4.40 *	4.32 *	4.23 *	4.11 *	4.95 *
11	2.31 *	4.61 *	4.60 *	4.58 *	4.54 *	4.47 *	4.39 *	4.29 *	4.17 *	5.02 *
9	2.33 *	4.67 *	4.67 *	4.64 *	4.60 *	4.53 *	4.44 *	4.33 *	4.22 *	5.09 *
7	2.36 *	4.72 *	4.72 *	4.70 *	4.65 *	4.57 *	4.48 *	4.37 *	4.26 *	5.14 *
5	2.38 *	4.77 *	4.77 *	4.74 *	4.68 *	4.60 *	4.50 *	4.40 *	4.28 *	5.17 *
3	2.40 *	4.81 *	4.81 *	4.76 *	4.69 *	4.61 *	4.51 *	4.41 *	4.30 *	5.20 *
1	2.41 *	4.83 *	4.80 *	4.74 *	4.68 *	4.60 *	4.51 *	4.42 *	4.30 *	5.20 *
0	1.21 *	2.41 *	2.38 *	2.36 *	2.33 *	2.30 *	2.25 *	2.21 *	2.15 *	2.60 *
-1	1.21 *	2.41 *	2.39 *	2.36 *	2.33 *	2.30 *	2.26 *	2.21 *	2.15 *	2.61 *
-3	2.42 *	4.85 *	4.82 *	4.76 *	4.69 *	4.62 *	4.53 *	4.43 *	4.32 *	5.23 *
	2.41 *	4.85 *	4.85 *	4.79 *	4.72 *	4.64 *	4.55 *	4.45 *	4.33 *	5.24 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

-5	2.40 *	4.82 *	4.83 *	4.80 *	4.74 *	4.65 *	4.56 *	4.45 *	4.34 *	5.24 *
-7	2.39 *	4.79 *	4.79 *	4.78 *	4.73 *	4.65 *	4.56 *	4.45 *	4.33 *	5.23 *
-9	2.38 *	4.76 *	4.75 *	4.73 *	4.69 *	4.63 *	4.54 *	4.43 *	4.32 *	5.21 *
-11	2.36 *	4.72 *	4.71 *	4.68 *	4.65 *	4.59 *	4.51 *	4.41 *	4.29 *	5.17 *
-13	2.34 *	4.67 *	4.66 *	4.63 *	4.59 *	4.53 *	4.46 *	4.37 *	4.25 *	5.12 *
-15	2.31 *	4.61 *	4.60 *	4.57 *	4.53 *	4.47 *	4.40 *	4.31 *	4.19 *	5.05 *
-17	2.84 *	5.67 *	5.65 *	5.61 *	5.55 *	5.48 *	5.39 *	5.27 *	5.14 *	6.20 *
-19.5	3.32 *	6.63 *	6.60 *	6.56 *	6.49 *	6.39 *	6.28 *	6.14 *	5.98 *	7.22 *
-22.5	3.21 *	6.41 *	6.38 *	6.32 *	6.25 *	6.16 *	6.04 *	5.90 *	5.74 *	6.92 *
-25.5	3.57 *	7.13 *	7.10 *	7.03 *	6.94 *	6.83 *	6.68 *	6.52 *	6.33 *	7.61 *
-29	3.80 *	7.58 *	7.53 *	7.46 *	7.36 *	7.23 *	7.07 *	6.88 *	6.66 *	7.98 *
-33	3.83 *	7.64 *	7.59 *	7.51 *	7.40 *	7.26 *	7.09 *	6.89 *	6.66 *	7.96 *
-37.5	3.63 *	7.24 *	7.19 *	7.10 *	6.99 *	6.85 *	6.68 *	6.49 *	6.27 *	7.49 *
-42.5	2.93 *	5.85 *	5.81 *	5.75 *	5.66 *	5.55 *	5.41 *	5.26 *	5.08 *	6.09 *
-47.5	3.22 *	6.44 *	6.42 *	6.36 *	6.29 *	6.18 *	6.06 *	5.92 *	5.75 *	6.93 *
-55	2.66 *	5.33 *	5.34 *	5.32 *	5.29 *	5.24 *	5.17 *	5.09 *	5.00 *	6.09 *
-65	1.40 *	2.82 *	2.83 *	2.84 *	2.84 *	2.82 *	2.81 *	2.78 *	2.74 *	3.36 *
-75	0.53	1.06	1.07	1.07	1.07	1.06	1.05	1.04	1.03	1.26
-85	0.04	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.09
-90										
Total	105.97	211.99	211.32	209.72	207.30	204.10	200.11	195.39	189.97	228.85

Vert. Angles	Horizontal 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	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.03	0.03	0.02
85	0.89	0.84	0.92	0.95	0.93	0.85	0.65	0.69	0.51	0.18
75	2.95	2.83	3.11	3.27	3.28	3.09	2.45	2.57	1.76	0.57
65	5.79 *	5.52 *	6.06 *	6.38 *	6.43 *	6.12 *	4.95 *	5.30	3.74	1.26
55	6.71 *	6.34 *	6.87 *	7.13 *	7.10 *	6.67 *	5.36 *	5.79 *	4.22	1.47
47.5	5.92 *	5.54 *	5.94 *	6.09 *	5.95 *	5.49 *	4.36 *	4.68 *	3.44 *	1.23

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

42.5										
	7.35 *	6.81 *	7.22 *	7.33 *	7.05 *	6.39 *	5.02 *	5.33 *	3.92 *	1.43
37.5										
	7.95 *	7.33 *	7.74 *	7.75 *	7.35 *	6.58 *	5.10 *	5.35 *	3.91 *	1.44
33										
	8.13 *	7.50 *	7.92 *	7.87 *	7.38 *	6.54 *	5.00 *	5.18 *	3.75 *	1.39
29										
	7.88 *	7.28 *	7.68 *	7.65 *	7.14 *	6.26 *	4.75 *	4.87 *	3.48 *	1.29
25.5										
	7.28 *	6.73 *	7.10 *	7.08 *	6.61 *	5.77 *	4.34 *	4.41 *	3.12 *	1.15
22.5										
	7.71 *	7.14 *	7.54 *	7.52 *	7.04 *	6.13 *	4.57 *	4.60 *	3.23 *	1.19
19.5										
	6.70 *	6.22 *	6.59 *	6.58 *	6.17 *	5.36 *	3.97 *	3.97 *	2.77 *	1.02
17										
	5.51 *	5.13 *	5.44 *	5.44 *	5.11 *	4.43 *	3.28 *	3.26 *	2.26 *	0.83
15										
	5.63 *	5.24 *	5.57 *	5.59 *	5.25 *	4.56 *	3.36 *	3.33 *	2.29 *	0.84 *
13										
	5.72 *	5.34 *	5.69 *	5.72 *	5.37 *	4.67 *	3.44 *	3.39 *	2.32 *	0.85 *
11										
	5.80 *	5.42 *	5.78 *	5.82 *	5.48 *	4.76 *	3.51 *	3.44 *	2.34 *	0.86 *
9										
	5.86 *	5.48 *	5.86 *	5.91 *	5.56 *	4.84 *	3.56 *	3.48 *	2.36 *	0.87 *
7										
	5.90 *	5.53 *	5.92 *	5.98 *	5.63 *	4.90 *	3.61 *	3.51 *	2.37 *	0.87 *
5										
	5.94 *	5.56 *	5.96 *	6.02 *	5.68 *	4.95 *	3.64 *	3.54 *	2.39 *	0.88 *
3										
	5.95 *	5.58 *	5.99 *	6.05 *	5.71 *	4.98 *	3.66 *	3.55 *	2.39 *	0.88 *
1										
	2.98 *	2.79 *	3.00 *	3.03 *	2.86 *	2.49 *	1.83 *	1.78 *	1.19 *	0.44 *
0										
	2.98 *	2.80 *	3.00 *	3.04 *	2.87 *	2.50 *	1.84 *	1.78 *	1.19 *	0.44 *
-1										
	5.98 *	5.61 *	6.02 *	6.09 *	5.75 *	5.01 *	3.68 *	3.57 *	2.40 *	0.88 *
-3										
	5.99 *	5.61 *	6.02 *	6.09 *	5.75 *	5.01 *	3.68 *	3.58 *	2.41 *	0.89 *
-5										
	5.99 *	5.61 *	6.01 *	6.08 *	5.73 *	4.99 *	3.67 *	3.57 *	2.41 *	0.89 *
-7										
	5.97 *	5.59 *	5.99 *	6.05 *	5.70 *	4.96 *	3.65 *	3.56 *	2.41 *	0.89 *
-9										
	5.94 *	5.55 *	5.94 *	6.00 *	5.64 *	4.91 *	3.61 *	3.53 *	2.40 *	0.88 *
-11										
	5.89 *	5.51 *	5.88 *	5.92 *	5.57 *	4.84 *	3.57 *	3.50 *	2.38 *	0.88 *
-13										
	5.82 *	5.44 *	5.80 *	5.83 *	5.48 *	4.76 *	3.51 *	3.45 *	2.37 *	0.87 *
-15										
	5.74 *	5.36 *	5.71 *	5.72 *	5.37 *	4.66 *	3.44 *	3.40 *	2.34 *	0.86 *
-17										
	7.05 *	6.56 *	6.97 *	6.97 *	6.53 *	5.67 *	4.19 *	4.16 *	2.89 *	1.07 *
-19.5										
	8.21 *	7.62 *	8.07 *	8.05 *	7.53 *	6.55 *	4.86 *	4.86 *	3.39 *	1.26
-22.5										
	7.85 *	7.29 *	7.69 *	7.66 *	7.15 *	6.23 *	4.66 *	4.69 *	3.30 *	1.22

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

-25.5	8.62 *	7.99 *	8.44 *	8.39 *	7.82 *	6.82 *	5.13 *	5.22 *	3.71 *	1.38
-29	9.02 *	8.35 *	8.83 *	8.77 *	8.20 *	7.20 *	5.45 *	5.60 *	4.03 *	1.50
-33	8.98 *	8.30 *	8.77 *	8.77 *	8.26 *	7.32 *	5.61 *	5.85 *	4.26 *	1.58
-37.5	8.46 *	7.83 *	8.30 *	8.38 *	8.00 *	7.18 *	5.59 *	5.91 *	4.34 *	1.60
-42.5	6.91 *	6.44 *	6.88 *	7.02 *	6.83 *	6.25 *	4.93 *	5.28 *	3.90 *	1.41
-47.5	7.92 *	7.45 *	8.05 *	8.33 *	8.29 *	7.77 *	6.22 *	6.73 *	4.94 *	1.76
-55	7.04 *	6.70 *	7.35 *	7.75 *	7.85 *	7.52 *	6.11 *	6.58 *	4.73	1.62
-65	3.92 *	3.77 *	4.17 *	4.43 *	4.51	4.36	3.55	3.76	2.60	0.85
-75	1.47	1.41	1.56	1.66	1.68	1.62	1.32	1.39	0.96	0.32
-85	0.10	0.10	0.11	0.12	0.12	0.12	0.10	0.12	0.09	0.04
-90	0.10	0.10	0.11	0.12	0.12	0.12	0.10	0.12	0.09	0.04
Total	260.40	243.08	259.48	262.30	249.75	222.08	168.82	172.15	121.26	44.08

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90	0.01	0.00	0.39	
85	0.04	0.00	13.78	
75	0.10	0.00	46.59	
65	0.21	0.00	92.88	
55	0.23	0.00	107.62	
47.5	0.20	0.00	94.07	
42.5	0.24	0.00	115.16	
37.5	0.24	0.00	122.84	
33	0.24	0.00	124.24	
29	0.22	0.00	119.55	
25.5	0.20	0.00	109.69	
22.5	0.21	0.00	115.56	
19.5	0.18	0.00	100.21	
17	0.15	0.00	82.41	
15	0.15	0.00	84.15	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

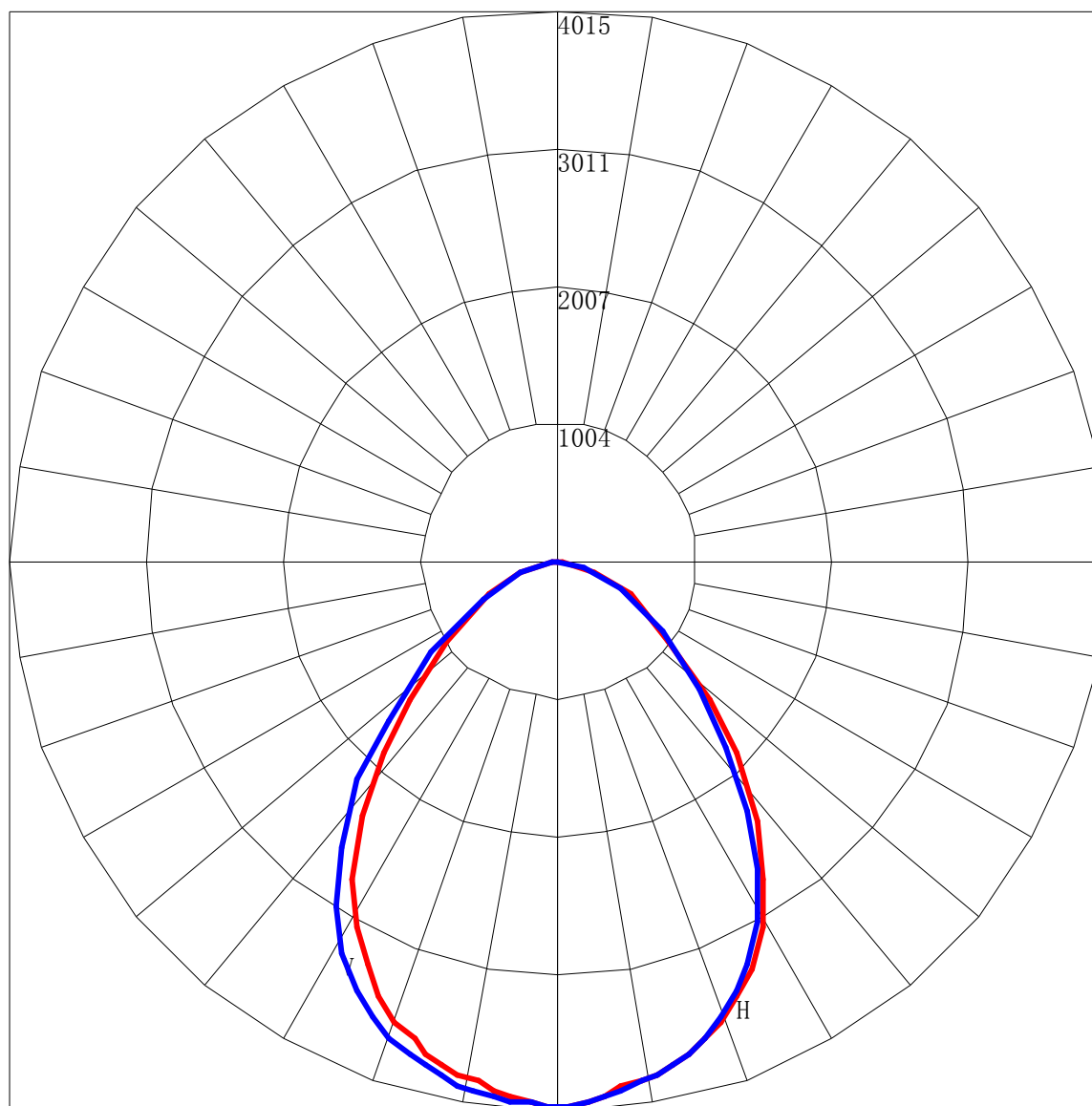
13			
	0.15	0.00	85.64
11			
	0.15	0.00	86.90
9			
	0.15	0.00	87.92
7			
	0.15	0.00	88.69
5			
	0.16	0.00	89.19
3			
	0.16	0.00	89.39
1			
	0.08	0.00	44.68
0			
	0.08	0.00	44.73
-1			
	0.16	0.00	89.80
-3			
	0.16	0.00	90.03
-5			
	0.16	0.00	89.94
-7			
	0.16	0.00	89.60
-9			
	0.16	0.00	89.01
-11			
	0.15	0.00	88.18
-13			
	0.15	0.00	87.11
-15			
	0.15	0.00	85.79
-17			
	0.19	0.00	105.04
-19.5			
	0.22	0.00	122.22
-22.5			
	0.21	0.00	117.30
-25.5			
	0.24	0.00	129.51
-29			
	0.26	0.00	136.77
-33			
	0.27	0.00	137.80
-37.5			
	0.27	0.00	131.79
-42.5			
	0.23	0.00	109.49
-47.5			
	0.28	0.00	127.33
-55			
	0.27	0.01	114.04
-65			
	0.14	0.00	63.31
-75			
	0.06	0.00	23.69

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES****LUMENS TABULATION - (Cont.)**

-85	0.01	0.00	1.78
-90			
Total	7.56	0.11	3975.79

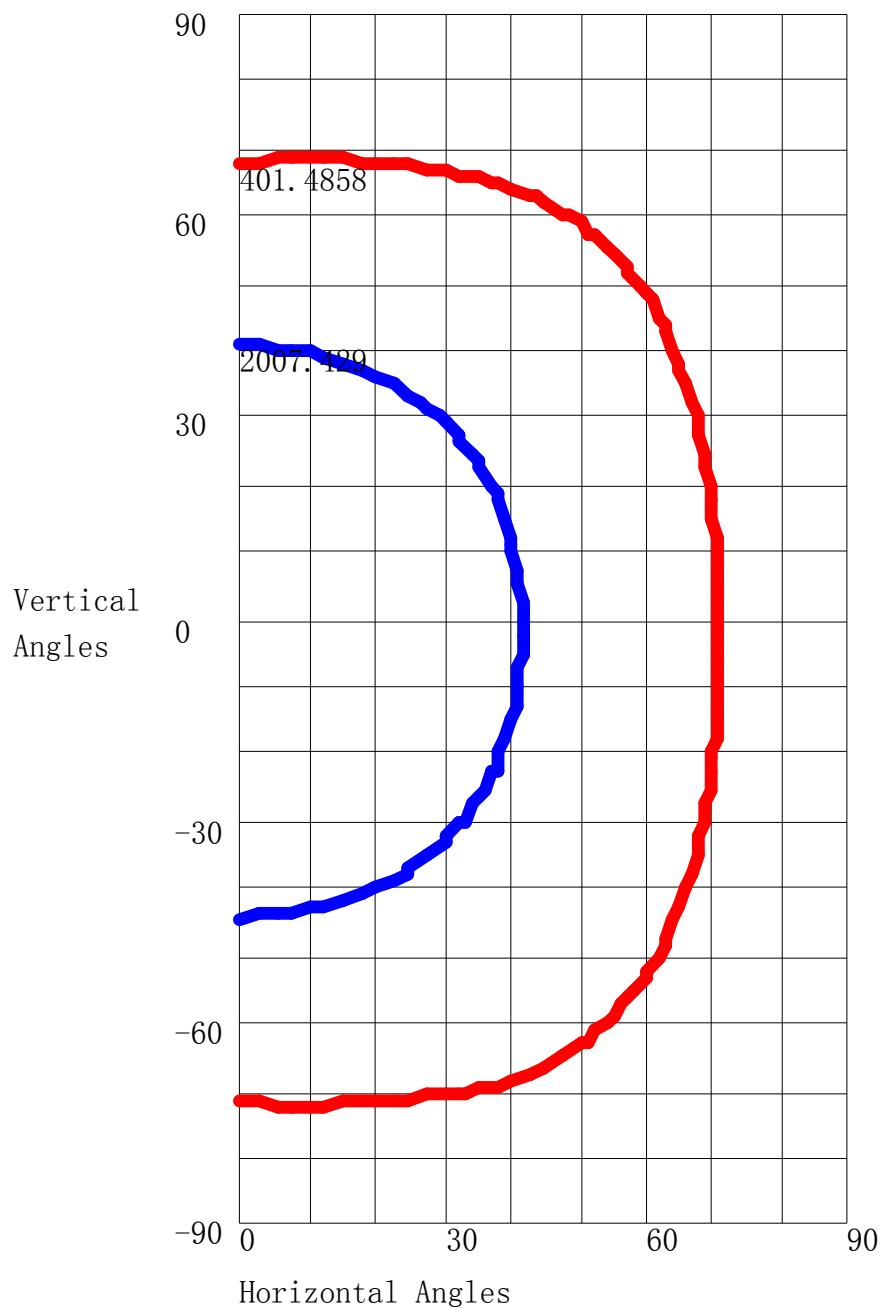
IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-60W-P540-D1-PCC-HK-B90(5050).IES

AXIAL CANDELA DISPLAY



Maximum Candela = 4014.858 Located At Horizontal Angle =-3, Vertical Angle =-3
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4014.858 Located At Horizontal Angle =-3, Vertical Angle =-3
50% Maximum Candela = 2007.429
10% Maximum Candela = 401.4858