

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-80W-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] GC201-80W-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	5280.07
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	6561
Beam Efficiency	N.A.
Field Lumens	10050
Field Efficiency	N.A.
Spill Lumens	408
Luminaire Lumens	10457
Total Efficiency	N.A.
Total Luminaire Watts	84.3
Ballast Factor	1.00

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES****AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	1.302	90	.383
85	33.649	85	11.44
75	350.508	75	268.987
65	760.121	65	635.366
55	1307.835	55	1202.198
47.5	1970.77	47.5	1845.81
42.5	2519.566	42.5	2392.802
37.5	3117.831	37.5	2999.311
33	3632.05	33	3528.371
29	4029.038	29	3952.67
25.5	4308.228	25.5	4260.356
22.5	4504.506	22.5	4468.177
19.5	4681.667	19.5	4656.262
17	4785.5	17	4777.358
15	4868.567	15	4874.235
13	4933.701	13	4940.193
11	4998.835	11	5006.152
9	5050.159	9	5059.949
7	5087.672	7	5101.586
5	5125.186	5	5143.222
3	5166.204	3	5177.026
1	5207.223	1	5210.83
0	5227.732	0	5227.732
-1	5207.841	-1	5220.209
-3	5168.06	-3	5205.162
-5	5128.279	-5	5190.115
-7	5093.445	-7	5167.854
-9	5058.61	-9	5145.593
-11	5008.214	-11	5110.861
-13	4942.255	-13	5063.66
-15	4876.296	-15	5016.458
-17	4785.397	-17	4942.254
-19.5	4671.773	-19.5	4849.5
-22.5	4493.685	-22.5	4702.382
-25.5	4297.201	-25.5	4537.485
-29	4009.353	-29	4283.184
-33	3607.727	-33	3916.805
-37.5	3106.237	-37.5	3436.545
-42.5	2511.064	-42.5	2833.384
-47.5	1953.25	-47.5	2232.543
-55	1302.682	-55	1476.338
-65	754.401	-65	814.124
-75	357.104	-75	390.083
-85	34.783	-85	62.609
-90	.635	-90	4.394

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CANDELA TABULATION

Maximum Candela = 5280.07

Beam Edge = 2640.035 Cd (50% of Max.)

Field Edge = 528.007 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	0.567	0.550	0.513	0.474	0.432	0.399	0.388	0.389	0.389	0.389
85.0	0.573	3.375	8.025	11.309	13.191	13.707	13.953	14.303	14.447	14.446
75.0	0.585	8.964	22.981	58.234	109.674	144.476	180.073	208.735	230.415	246.357
65.0	0.596	14.338	62.418	163.210	312.878	427.623	504.730	558.327 *	596.017 *	623.037 *
55.0	0.606	19.355	120.110	315.243	544.282 *	716.882 *	828.520 *	934.807 *	1001.692 *	1052.776 *
47.5	0.613	22.800	160.593	423.139	703.468 *	926.457 *	1078.949 *	1242.185 *	1355.133 *	1458.297 *
42.5	0.617	24.913	197.834	489.682	799.620 *	1062.955 *	1256.776 *	1453.346 *	1637.893 *	1771.171 *
37.5	0.621	26.861	231.730	549.575 *	900.266 *	1209.413 *	1437.020 *	1692.195 *	1933.799 *	2131.794 *
33.0	0.624	28.459	259.148	597.906 *	981.427 *	1330.909 *	1615.690 *	1922.991 *	2206.644 *	2492.365 *
29.0	0.627	29.748	280.912	636.016 *	1046.515 *	1449.548 *	1764.532 *	2128.764 *	2488.830 *	2820.496 *
25.5	0.629	30.769	297.848	665.244 *	1106.934 *	1549.992 *	1909.512 *	2313.294 *	2725.304 *	3066.455 *
22.5	0.630	31.559	310.748	687.137 *	1152.887 *	1627.519 *	2023.000 *	2478.599 *	2910.969 *	3271.122 *
19.5	0.632	32.270	322.118	706.047 *	1193.174 *	1696.525 *	2125.493 *	2628.737 *	3078.049 *	3455.978 *
17.0	0.632	32.800	330.400	719.492 *	1222.241 *	1751.807 *	2201.771 *	2741.083 *	3203.184 *	3590.365 *
15.0	0.633	33.181	336.236	728.719 *	1242.452 *	1796.991 *	2265.839 *	2821.790 *	3293.203 *	3686.945 *
13.0	0.634	33.524	341.361	736.578 *	1259.892 *	1836.838 *	2326.088 *	2891.053 *	3373.593 *	3772.999 *
11.0	0.634	34.452	345.770	743.067 *	1274.507 *	1871.146 *	2378.358 *	2951.262 *	3440.839 *	3847.808 *
9.0	0.635	34.512	349.461	748.186 *	1286.250 *	1899.727 *	2422.343 *	3002.040 *	3496.275 *	3910.702 *
7.0	0.635	34.572	352.428	751.936 *	1295.081 *	1922.407 *	2457.761 *	3043.053 *	3540.847 *	3955.407 *
5.0	0.635	34.632	356.936	754.325 *	1300.970 *	1939.029 *	2484.366 *	3074.023 *	3574.244 *	3983.935 *
3.0	0.635	34.692	357.003	756.850 *	1307.248 *	1949.458 *	2501.949 *	3094.728 *	3596.256 *	4001.990 *
1.0	0.635	34.753	357.070	755.218 *	1304.205 *	1953.581 *	2510.347 *	3105.021 *	3606.778 *	4009.517 *
0.0	0.635	34.783	357.104	754.401 *	1302.682 *	1953.250 *	2511.064 *	3106.237 *	3607.727 *	4009.353 *
-1.0	0.635	34.783	358.014	757.025 *	1307.508 *	1959.863 *	2518.744 *	3115.069 *	3617.851 *	4020.415 *
-3.0	0.635	35.037	359.832	762.268 *	1317.150 *	1968.221 *	2527.108 *	3124.810 *	3629.543 *	4034.770 *
-5.0	0.635	35.206	361.646	763.325 *	1317.379 *	1970.028 *	2526.199 *	3123.953 *	3629.945 *	4038.844 *
-7.0	0.635	35.374	358.998	764.491 *	1317.909 *	1965.237 *	2516.122 *	3112.528 *	3619.287 *	4032.844 *
-9.0	0.635	35.542	357.878	764.249 *	1315.354 *	1953.832 *	2497.029 *	3090.645 *	3597.894 *	4011.287 *
-11.0	0.634	35.708	356.014	762.582 *	1309.706 *	1935.825 *	2469.119 *	3058.484 *	3566.170 *	3972.367 *
-13.0	0.634	34.970	353.403	759.473 *	1300.970 *	1911.259 *	2432.625 *	3016.294 *	3522.052 *	3922.391 *
-15.0	0.633	34.831	350.047	754.913 *	1289.160 *	1880.204 *	2387.814 *	2964.380 *	3461.667 *	3862.091 *
-17.0	0.632	34.646	345.945	748.893 *	1274.298 *	1842.758 *	2337.724 *	2900.883 *	3390.618 *	3792.227 *
-19.5	0.632	34.351	339.773	739.310 *	1251.479 *	1796.289 *	2273.562 *	2809.263 *	3287.676 *	3692.599 *
-22.5	0.630	33.900	330.843	724.797 *	1217.988 *	1736.314 *	2181.946 *	2682.748 *	3144.958 *	3539.351 *
-25.5	0.629	33.346	320.271	707.014 *	1178.001 *	1665.519 *	2075.178 *	2539.671 *	2982.368 *	3357.901 *
-29.0	0.627	32.568	305.892	682.186 *	1123.428 *	1569.916 *	1932.707 *	2366.594 *	2771.786 *	3135.448 *
-33.0	0.624	31.507	286.825	648.545 *	1065.656 *	1454.412 *	1785.379 *	2155.727 *	2511.911 *	2835.027 *
-37.5	0.621	30.099	262.125	605.012 *	991.762 *	1337.448 *	1602.280 *	1912.275 *	2217.752 *	2467.840 *
-42.5	0.617	28.275	230.835	550.977 *	897.742 *	1192.622 *	1419.006 *	1656.797 *	1888.274 *	2052.698 *
-47.5	0.613	26.192	195.741	489.794	804.720 *	1061.501 *	1237.440 *	1434.786 *	1569.580 *	1696.342 *
-55.0	0.606	22.615	152.366	387.308	648.714 *	853.688 *	990.508 *	1114.143 *	1189.092 *	1249.914 *
-65.0	0.596	17.113	86.727	235.648	424.562	567.129 *	661.364 *	715.573 *	756.348 *	786.898 *
-75.0	0.585	10.961	37.957	101.417	198.452	275.042	323.636	351.242	371.600	386.069
-85.0	0.573	4.397	14.204	26.559	40.944	52.669	58.366	61.046	62.939	64.211
-90.0	0.567	1.049	2.017	2.990	3.968	4.703	4.920	4.862	4.809	4.762

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	0.389	0.389	0.388	0.388	0.387	0.387	0.387	0.386	0.385	0.385

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CANDELA TABULATION - (Cont.)

85.0	14.350	14.201	13.992	13.776	13.576	13.354	13.349	13.002	12.655	12.308
75.0	257.715	265.524	271.559	275.241	277.313	278.615	279.155	278.943	277.989	278.469
65.0	641.599 *	653.708 *	662.306 *	666.799 *	668.656 *	668.985 *	667.802 *	665.128 *	660.986 *	655.406 *
55.0	1099.672	*1134.385	*1163.680	*1183.724	*1196.771	*1207.071	*1214.543	*1219.114	*1220.718	*1219.297 *
47.5	1544.892	*1610.711	*1668.129	*1713.378	*1750.013	*1781.416	*1807.388	*1827.744	*1842.316	*1850.954 *
42.5	1900.523	*2000.692	*2089.914	*2155.164	*2210.656	*2262.397	*2306.150	*2341.627	*2368.567	*2386.750 *
37.5	2301.396	*2454.043	*2591.147	*2692.346	*2764.079	*2827.235	*2881.360	*2925.995	*2960.716	*2985.150 *
33.0	2716.438	*2891.127	*3049.589	*3168.149	*3253.226	*3328.879	*3391.469	*3442.134	*3481.736	*3509.878 *
29.0	3065.814	*3261.821	*3439.451	*3568.741	*3661.446	*3743.753	*3814.875	*3874.059	*3914.940	*3939.400 *
25.5	3346.628	*3563.620	*3755.634	*3900.581	*3989.665	*4062.062	*4124.555	*4176.346	*4216.705	*4245.006 *
22.5	3564.323	*3799.492	*4002.340	*4127.438	*4218.019	*4299.050	*4367.569	*4408.418	*4439.932	*4461.422 *
19.5	3762.456	*4002.337	*4194.579	*4338.035	*4425.291	*4489.898	*4546.318	*4593.465	*4630.256	*4655.683 *
17.0	3911.882	*4131.319	*4336.311	*4473.165	*4556.665	*4628.392	*4691.702	*4731.060	*4759.150	*4777.683 *
15.0	4004.107	*4224.485	*4426.026	*4554.589	*4653.391	*4730.931	*4779.609	*4820.536	*4852.342	*4873.657 *
13.0	4079.356	*4307.664	*4493.004	*4628.402	*4729.156	*4805.538	*4862.304	*4908.285	*4940.959	*4953.923 *
11.0	4144.517	*4378.041	*4551.490	*4693.343	*4779.283	*4860.694	*4939.591	*4982.783	*5008.548	*5023.639 *
9.0	4198.885	*4421.382	*4600.449	*4734.048	*4821.163	*4907.256	*4981.285	*5044.493	*5076.331	*5094.590 *
7.0	4241.850	*4455.357	*4638.885	*4763.226	*4853.476	*4940.126	*5007.721	*5075.472	*5141.483	*5147.924 *
5.0	4272.936	*4479.383	*4665.922	*4782.695	*4874.980	*4953.861	*5023.562	*5094.456	*5146.660	*5200.119 *
3.0	4291.840	*4493.040	*4676.217	*4791.787	*4884.701	*4957.260	*5027.168	*5090.885	*5137.302	*5190.839 *
1.0	4298.465	*4496.117	*4675.538	*4790.187	*4883.636	*4949.894	*5017.724	*5071.842	*5111.643	*5157.087 *
0.0	4297.201	*4493.685	*4671.773	*4785.397	*4876.296	*4942.255	*5008.214	*5058.610	*5093.445	*5128.279 *
-1.0	4309.149	*4507.148	*4686.993	*4801.396	*4894.518	*4960.594	*5028.105	*5082.177	*5122.513	*5168.714 *
-3.0	4324.012	*4526.154	*4710.764	*4825.670	*4917.781	*4989.738	*5058.859	*5122.121	*5170.212	*5226.543 *
-5.0	4326.948	*4534.637	*4723.943	*4839.977	*4931.194	*5009.156	*5078.039	*5147.811	*5202.330	*5260.406 *
-7.0	4318.266	*4532.843	*4720.248	*4845.004	*4934.251	*5019.722	*5086.975	*5154.389	*5220.722	*5221.011 *
-9.0	4298.444	*4521.218	*4705.274	*4841.662	*4928.182	*5013.486	*5087.419	*5151.593	*5172.946	*5183.049 *
-11.0	4268.092	*4500.364	*4679.914	*4827.757	*4914.308	*4995.869	*5075.136	*5107.149	*5123.087	*5131.140 *
-13.0	4227.914	*4455.287	*4645.170	*4787.577	*4893.894	*4971.619	*5017.019	*5050.753	*5073.685	*5080.417 *
-15.0	4178.664	*4398.918	*4602.078	*4738.641	*4844.800	*4916.980	*4952.930	*4982.849	*5005.681	*5020.382 *
-17.0	4113.710	*4333.830	*4539.335	*4682.201	*4764.033	*4828.445	*4883.932	*4913.751	*4933.820	*4946.500 *
-19.5	4000.633	*4241.655	*4436.302	*4571.772	*4650.236	*4708.937	*4759.293	*4800.450	*4831.651	*4852.316 *
-22.5	3848.515	*4086.662	*4282.403	*4394.068	*4474.882	*4547.195	*4608.520	*4645.726	*4674.248	*4693.734 *
-25.5	3673.254	*3895.337	*4069.844	*4202.132	*4282.822	*4348.085	*4404.668	*4451.945	*4489.359	*4516.459 *
-29.0	3413.422	*3618.166	*3795.382	*3913.869	*3999.293	*4075.641	*4142.225	*4198.391	*4237.770	*4262.248 *
-33.0	3070.351	*3254.497	*3420.977	*3544.921	*3633.562	*3712.232	*3773.425	*3822.006	*3860.921	*3889.828 *
-37.5	2661.564	*2822.526	*2969.996	*3081.267	*3161.737	*3230.084	*3289.175	*3338.676	*3378.301	*3407.823 *
-42.5	2213.922	*2339.496	*2452.216	*2535.494	*2599.352	*2657.751	*2708.457	*2751.071	*2785.218	*2810.552 *
-47.5	1805.635	*1890.408	*1966.141	*2026.540	*2075.207	*2117.778	*2154.033	*2183.770	*2206.804	*2222.974 *
-55.0	1308.045	*1352.160	*1390.578	*1417.956	*1436.666	*1452.420	*1465.116	*1474.657	*1480.953	*1483.923 *
-65.0	808.317 *	822.683 *	833.345 *	839.399 *	842.397 *	843.763 *	843.511 *	841.658 *	838.223 *	833.231 *
-75.0	395.910	402.250	406.664	408.880	409.706	409.698	408.864	407.217	404.768	403.862
-85.0	65.009	65.464	65.711	65.761	65.702	65.555	66.465	65.764	65.063	64.362
-90.0	4.719	4.682	4.645	4.614	4.589	4.563	4.537	4.512	4.486	4.460

**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	0.384	0.384	0.383	0.385	0.390	0.394	0.399	0.403	0.407	0.412
85.0	11.961	11.614	11.440	11.410	11.350	11.291	11.231	11.171	11.111	10.778
75.0	274.677	270.884	268.987	270.173	272.543	274.913	273.026	272.575	271.392	269.468
65.0	649.919 *	640.218 *	635.366 *	639.384 *	647.417 *	651.234 *	655.141 *	657.606 *	658.599 *	658.095 *
55.0	1218.337	*1207.580	*1202.198	*1206.252	*1214.354	*1212.682	*1211.491	*1207.308	*1200.200	*1190.242 *
47.5	1853.531	*1849.942	*1845.810	*1848.459	*1849.084	*1843.551	*1831.968	*1814.467	*1791.204	*1762.349 *
42.5	2395.990	*2396.153	*2392.802	*2394.391	*2390.723	*2378.034	*2356.497	*2326.329	*2287.786	*2241.156 *
37.5	2998.979	*3001.952	*2999.311	*2999.583	*2991.909	*2973.488	*2944.639	*2905.743	*2857.234	*2799.586 *
33.0	3526.258	*3530.678	*3528.371	*3527.497	*3516.776	*3494.273	*3460.298	*3415.255	*3359.630	*3292.585 *

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CANDELA TABULATION - (Cont.)

29.0	3953.000	*3955.555	*3952.670	*3951.615	*3941.184	*3919.715	*3887.398	*3839.158	*3773.655	*3696.981	*
25.5	4260.774	*4263.722	*4260.356	*4259.583	*4248.365	*4224.347	*4187.828	*4139.290	*4079.365	*4008.788	*
22.5	4472.341	*4472.330	*4468.177	*4468.169	*4459.827	*4440.464	*4410.383	*4370.088	*4320.233	*4243.272	*
19.5	4664.141	*4661.288	*4656.262	*4657.171	*4651.706	*4634.722	*4600.647	*4554.976	*4498.679	*4432.822	*
17.0	4785.804	*4782.958	*4777.358	*4779.060	*4773.993	*4757.627	*4730.343	*4692.878	*4643.598	*4570.637	*
15.0	4883.289	*4882.011	*4874.235	*4878.344	*4872.097	*4854.515	*4824.600	*4783.422	*4732.310	*4672.647	*
13.0	4956.498	*4948.270	*4940.193	*4944.431	*4944.983	*4934.729	*4914.078	*4872.345	*4815.952	*4749.826	*
11.0	5026.424	*5016.108	*5006.152	*5012.040	*5014.234	*5003.367	*4980.239	*4946.476	*4895.135	*4815.767	*
9.0	5091.232	*5073.009	*5059.949	*5069.046	*5078.777	*5072.814	*5046.091	*5006.456	*4944.664	*4871.225	*
7.0	5140.660	*5118.260	*5101.586	*5115.075	*5130.095	*5127.633	*5109.205	*5044.149	*4977.543	*4911.005	*
5.0	5194.932	*5168.381	*5143.222	*5166.695	*5187.311	*5182.587	*5124.851	*5069.497	*4999.545	*4930.763	*
3.0	5240.846	*5200.199	*5177.026	*5198.463	*5235.081	*5181.932	*5123.609	*5073.187	*5009.078	*4940.019	*
1.0	5194.580	*5232.104	*5210.830	*5230.207	*5191.691	*5153.090	*5103.670	*5060.594	*5005.438	*4938.436	*
0.0	5168.060	*5207.841	*5227.732	*5207.223	*5166.204	*5125.186	*5087.672	*5050.159	*4998.835	*4933.701	*
-1.0	5206.585	*5245.217	*5220.209	*5238.371	*5199.160	*5160.324	*5112.272	*5069.823	*5014.730	*4947.509	*
-3.0	5280.070	*5229.722	*5205.162	*5223.444	*5259.644	*5206.959	*5150.708	*5101.621	*5037.137	*4967.374	*
-5.0	5247.852	*5215.144	*5190.115	*5209.049	*5229.508	*5230.283	*5173.448	*5118.542	*5046.859	*4976.781	*
-7.0	5208.700	*5184.037	*5167.854	*5178.568	*5192.277	*5193.587	*5182.537	*5114.045	*5044.779	*4976.229	*
-9.0	5176.017	*5157.456	*5145.593	*5152.374	*5160.724	*5156.905	*5133.553	*5097.988	*5032.536	*4957.533	*
-11.0	5130.148	*5119.602	*5110.861	*5114.425	*5114.255	*5103.561	*5082.508	*5052.170	*5005.402	*4925.006	*
-13.0	5079.560	*5070.863	*5063.660	*5065.355	*5062.787	*5051.690	*5032.021	*4994.291	*4943.907	*4883.378	*
-15.0	5026.050	*5023.306	*5016.458	*5017.563	*5008.500	*4990.305	*4961.984	*4924.231	*4878.019	*4824.429	*
-17.0	4951.147	*4947.356	*4942.254	*4941.206	*4932.502	*4914.800	*4888.214	*4853.192	*4807.910	*4740.365	*
-19.5	4857.733	*4854.085	*4849.500	*4847.551	*4837.988	*4819.131	*4785.628	*4741.965	*4688.767	*4626.805	*
-22.5	4704.023	*4705.163	*4702.382	*4699.046	*4685.711	*4663.348	*4631.973	*4591.804	*4543.223	*4473.491	*
-25.5	4532.937	*4538.654	*4537.485	*4533.103	*4516.415	*4489.349	*4452.275	*4405.694	*4350.206	*4286.473	*
-29.0	4277.556	*4283.614	*4283.184	*4279.197	*4264.392	*4240.603	*4208.073	*4160.482	*4095.249	*4019.252	*
-33.0	3908.463	*3916.654	*3916.805	*3912.342	*3895.500	*3868.126	*3830.339	*3782.351	*3724.461	*3654.305	*
-37.5	3427.080	*3435.983	*3436.545	*3432.015	*3415.215	*3388.169	*3351.038	*3304.048	*3247.485	*3181.686	*
-42.5	2826.759	*2833.572	*2833.384	*2829.842	*2815.551	*2791.810	*2758.852	*2716.954	*2666.431	*2607.629	*
-47.5	2232.143	*2234.204	*2232.543	*2231.038	*2222.692	*2207.381	*2185.307	*2156.697	*2121.797	*2080.872	*
-55.0	1487.447	*1480.042	*1476.338	*1478.253	*1482.081	*1475.015	*1468.534	*1458.777	*1445.841	*1429.828	*
-65.0	828.354	*818.868	*814.124	*817.534	*824.353	*826.600	*828.995	*829.886	*829.266	*827.128	*
-75.0	398.351	392.839	390.083	391.682	394.880	398.078	396.672	396.810	396.148	394.675	
-85.0	63.661	62.960	62.609	62.419	62.040	61.661	61.281	60.902	60.523	58.689	
-90.0	4.433	4.407	4.394	4.336	4.221	4.106	3.990	3.875	3.759	3.643	

**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	0.416	0.420	0.425	0.432	0.438	0.445	0.453	0.463	0.473	0.522
85.0	10.630	10.471	10.256	9.978	9.677	9.299	8.835	8.276	7.615	7.906
75.0	266.798	263.373	258.025	250.034	240.322	226.817	208.530	184.362	153.140	118.868
65.0	656.072 *	652.512 *	645.879 *	634.691 *	619.966 *	598.315 *	567.710 *	526.439	470.789	398.423
55.0	1177.517	*1162.109	*1139.220	*1106.678	*1068.922	*1018.749	*965.732 *	897.922 *	797.307 *	688.956 *
47.5	1728.090	*1688.631	*1639.952	*1578.563	*1508.907	*1418.011	*1310.493	*1196.742	*1041.779	*898.969 *
42.5	2186.755	*2128.667	*2059.760	*1966.261	*1861.941	*1727.907	*1589.850	*1408.823	*1219.875	*1034.224 *
37.5	2733.303	*2658.556	*2554.072	*2413.790	*2258.823	*2085.653	*1887.227	*1651.998	*1402.131	*1181.656 *
33.0	3212.926	*3124.425	*3002.444	*2841.170	*2664.475	*2440.068	*2165.272	*1887.862	*1585.763	*1304.575 *
29.0	3609.951	*3513.396	*3380.550	*3199.982	*3002.537	*2766.999	*2447.372	*2098.848	*1739.818	*1427.009 *
25.5	3928.354	*3832.529	*3683.616	*3489.080	*3282.297	*3014.209	*2683.260	*2286.246	*1889.384	*1531.899 *
22.5	4153.960	*4055.180	*3919.941	*3721.714	*3501.969	*3222.785	*2870.666	*2451.588	*2007.107	*1613.535 *
19.5	4358.487	*4262.099	*4115.128	*3930.310	*3703.774	*3413.234	*3043.221	*2602.008	*2114.099	*1686.893 *
17.0	4488.941	*4399.774	*4267.016	*4069.138	*3857.996	*3551.978	*3174.528	*2714.819	*2194.311	*1745.769 *
15.0	4587.859	*4491.599	*4365.659	*4170.049	*3956.877	*3652.978	*3270.474	*2796.216	*2259.950	*1793.648 *
13.0	4674.478	*4575.766	*4442.554	*4260.872	*4039.675	*3744.277	*3357.590	*2869.920	*2321.308	*1836.236 *
11.0	4735.136	*4651.012	*4510.885	*4338.986	*4112.363	*3825.128	*3430.497	*2934.951	*2374.901	*1873.322 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

CANDELA TABULATION - (Cont.)

9.0	4786.047	*4701.102	*4569.612	*4391.589	*4174.276	*3894.814	*3491.366	*2990.827	*2420.440	*1904.704	*
7.0	4825.930	*4738.521	*4617.732	*4434.738	*4224.849	*3947.001	*3541.848	*3037.092	*2457.665	*1930.196	*
5.0	4853.741	*4765.376	*4654.367	*4467.850	*4263.666	*3983.290	*3581.564	*3073.332	*2486.349	*1949.628	*
3.0	4868.922	*4781.361	*4673.248	*4490.509	*4290.488	*4009.293	*3610.218	*3099.182	*2506.304	*1962.850	*
1.0	4873.005	*4786.658	*4681.022	*4502.506	*4305.286	*4025.004	*3627.610	*3114.338	*2517.385	*1969.735	*
0.0	4868.567	*4785.500	*4681.667	*4504.506	*4308.228	*4029.038	*3632.050	*3117.831	*2519.566	*1970.770	*
-1.0	4881.881	*4795.715	*4690.198	*4511.729	*4314.695	*4035.485	*3637.735	*3123.117	*2524.331	*1974.880	*
-3.0	4895.863	*4808.713	*4700.907	*4518.268	*4318.948	*4040.895	*3640.586	*3125.461	*2527.085	*1978.234	*
-5.0	4899.407	*4811.537	*4700.881	*4514.404	*4311.863	*4036.488	*3632.158	*3116.930	*2520.800	*1975.102	*
-7.0	4891.330	*4804.273	*4683.659	*4500.495	*4293.877	*4022.558	*3612.639	*3097.714	*2505.511	*1965.513	*
-9.0	4872.373	*4787.399	*4655.662	*4477.076	*4265.568	*3992.778	*3582.313	*3068.071	*2481.308	*1949.526	*
-11.0	4843.635	*4758.878	*4617.858	*4444.814	*4227.618	*3944.683	*3541.552	*3028.322	*2448.322	*1927.222	*
-13.0	4806.360	*4706.163	*4571.284	*4392.064	*4180.768	*3885.327	*3488.057	*2978.837	*2406.731	*1898.708	*
-15.0	4744.129	*4645.494	*4516.976	*4329.511	*4125.786	*3815.418	*3418.268	*2920.030	*2356.748	*1864.112	*
-17.0	4664.464	*4578.063	*4446.543	*4259.371	*4054.174	*3735.696	*3338.644	*2851.858	*2301.560	*1823.583	*
-19.5	4556.923	*4470.592	*4338.835	*4162.382	*3927.876	*3623.385	*3226.271	*2754.032	*2232.332	*1773.130	*
-22.5	4394.448	*4308.345	*4192.028	*3993.775	*3759.229	*3457.986	*3074.242	*2619.288	*2136.291	*1708.618	*
-25.5	4215.186	*4127.736	*3981.959	*3790.282	*3569.164	*3268.637	*2903.074	*2467.064	*2026.987	*1634.215	*
-29.0	3933.112	*3837.492	*3705.674	*3517.679	*3306.573	*3040.461	*2680.024	*2289.015	*1883.991	*1535.649	*
-33.0	3568.342	*3473.003	*3341.563	*3167.403	*2972.621	*2721.811	*2406.568	*2081.199	*1734.849	*1418.204	*
-37.5	3107.029	*3018.377	*2896.324	*2735.200	*2559.770	*2359.222	*2123.111	*1843.453	*1552.240	*1299.539	*
-42.5	2540.917	*2469.502	*2380.828	*2263.688	*2136.060	*1975.542	*1810.816	*1593.622	*1369.214	*1153.601	*
-47.5	2034.199	*1982.065	*1917.560	*1837.449	*1749.461	*1637.971	*1509.535	*1374.071	*1187.692	*1020.526	*
-55.0	1410.848	*1389.014	*1357.891	*1315.240	*1267.201	*1204.916	*1139.546	*1060.069	*940.361	*815.150	*
-65.0	823.469	*818.291	*809.689	*796.262	*779.485	*755.751	*723.271	*679.429	*618.161	*525.299	
-75.0	392.380	389.254	384.166	376.315	366.547	352.720	333.716	308.282	275.069	228.139	
-85.0	57.840	56.929	55.706	54.120	52.409	50.265	47.631	44.453	40.685	36.272	
-90.0	3.527	3.411	3.265	3.091	2.916	2.712	2.478	2.214	1.921	1.744	

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	0.653	0.824	0.992	1.156	1.237
85.0	9.090	9.169	7.404	3.753	1.243
75.0	91.824	49.605	20.245	8.901	1.254
65.0	289.272	145.799	56.390	13.874	1.264
55.0	520.993	297.633	110.188	18.553	1.274
47.5	683.808	*407.094	148.471	21.795	1.281
42.5	782.973	*475.513	186.038	23.800	1.285
37.5	884.034	*537.590	*220.338	25.663	1.288
33.0	966.400	*588.072	*248.184	27.205	1.291
29.0	1033.184	*628.124	*270.374	28.460	1.294
25.5	1095.092	*659.066	*287.718	29.463	1.296
22.5	1142.498	*682.432	*300.989	30.247	1.297
19.5	1184.397	*702.811	*312.747	30.959	1.298
17.0	1214.927	*717.473	*321.366	31.495	1.299
15.0	1236.383	*727.664	*327.477	31.886	1.300
13.0	1255.133	*736.480	*332.882	32.241	1.300
11.0	1271.121	*743.913	*337.577	33.149	1.301
9.0	1284.297	*749.961	*341.555	33.239	1.301
7.0	1294.619	*754.625	*344.813	33.329	1.301
5.0	1302.051	*757.907	*349.616	33.420	1.302
3.0	1309.878	*761.336	*349.973	33.512	1.302
1.0	1308.516	*760.526	*350.329	33.649	1.302
0.0	1307.835	*760.121	*350.508	33.649	1.302
-1.0	1311.555	*762.122	*351.158	33.689	1.302
-3.0	1318.986	*766.119	*352.456	33.768	1.302

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES****CANDELA TABULATION - (Cont.)**

-5.0	1317.146	*765.870	* 353.751	33.848	1.302
-7.0	1315.620	*765.753	* 350.573	33.927	1.301
-9.0	1311.074	*764.236	* 348.931	34.005	1.301
-11.0	1303.509	*761.309	* 346.546	34.084	1.301
-13.0	1292.934	*756.967	* 343.417	33.316	1.300
-15.0	1279.368	*751.208	* 339.545	33.112	1.300
-17.0	1262.841	*744.032	* 334.931	32.867	1.299
-19.5	1238.073	*733.077	* 328.126	32.503	1.298
-22.5	1202.446	*717.041	* 318.449	31.983	1.297
-25.5	1160.555	*697.892	* 307.143	31.372	1.296
-29.0	1104.062	*671.692	* 291.931	30.545	1.294
-33.0	1043.245	*636.802	* 271.943	29.454	1.291
-37.5	966.329	* 591.351	* 246.257	28.045	1.289
-42.5	869.626	* 533.183	* 213.935	26.262	1.285
-47.5	777.207	* 467.715	177.887	24.264	1.281
-55.0	621.462	* 360.357	136.726	20.898	1.274
-65.0	386.481	206.569	75.495	15.818	1.265
-75.0	164.864	83.544	31.238	10.220	1.254
-85.0	29.057	19.851	11.486	4.302	1.243
-90.0	1.652	1.531	1.412	1.294	1.237

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 5228.69

Total Field Lumens (one side of beam only) = 5024.92

* 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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
75	0.43	0.86	0.87	0.87	0.87	0.86	0.85	0.84	0.83	1.01
65	1.38	2.79	2.81	2.82	2.82	2.81	2.79	2.77	2.73	3.34
55	2.81 *	5.65 *	5.67 *	5.67 *	5.65 *	5.62 *	5.56 *	5.49 *	5.39 *	6.58 *
47.5	3.49 *	6.99 *	6.99 *	6.95 *	6.89 *	6.80 *	6.68 *	6.54 *	6.37 *	7.70 *
42.5	3.23 *	6.46 *	6.44 *	6.38 *	6.30 *	6.19 *	6.05 *	5.88 *	5.70 *	6.84 *
37.5	4.11 *	8.21 *	8.17 *	8.09 *	7.97 *	7.81 *	7.62 *	7.40 *	7.15 *	8.56 *
33	4.47 *	8.94 *	8.89 *	8.80 *	8.67 *	8.50 *	8.29 *	8.05 *	7.78 *	9.29 *
29	4.56 *	9.10 *	9.06 *	8.97 *	8.84 *	8.67 *	8.46 *	8.22 *	7.94 *	9.49 *
25.5	4.38 *	8.75 *	8.70 *	8.62 *	8.51 *	8.35 *	8.16 *	7.94 *	7.69 *	9.20 *
22.5	3.99 *	7.97 *	7.93 *	7.87 *	7.77 *	7.65 *	7.49 *	7.29 *	7.07 *	8.48 *
19.5	4.17 *	8.33 *	8.30 *	8.24 *	8.15 *	8.02 *	7.87 *	7.67 *	7.45 *	8.95 *
17	3.59 *	7.18 *	7.16 *	7.11 *	7.03 *	6.93 *	6.80 *	6.64 *	6.46 *	7.77 *
15	2.94 *	5.88 *	5.86 *	5.82 *	5.76 *	5.68 *	5.58 *	5.45 *	5.30 *	6.38 *
13	2.99 *	5.98 *	5.97 *	5.93 *	5.87 *	5.79 *	5.68 *	5.56 *	5.40 *	6.50 *
11	3.03 *	6.07 *	6.06 *	6.02 *	5.97 *	5.88 *	5.77 *	5.64 *	5.49 *	6.61 *
9	3.07 *	6.15 *	6.14 *	6.10 *	6.05 *	5.96 *	5.84 *	5.70 *	5.55 *	6.69 *
7	3.10 *	6.21 *	6.21 *	6.18 *	6.11 *	6.01 *	5.89 *	5.75 *	5.60 *	6.76 *
5	3.13 *	6.27 *	6.28 *	6.24 *	6.15 *	6.04 *	5.92 *	5.78 *	5.63 *	6.80 *
3	3.15 *	6.33 *	6.32 *	6.25 *	6.16 *	6.06 *	5.94 *	5.80 *	5.65 *	6.83 *
1	3.17 *	6.35 *	6.31 *	6.23 *	6.15 *	6.05 *	5.94 *	5.81 *	5.66 *	6.84 *
0	1.59 *	3.17 *	3.14 *	3.10 *	3.06 *	3.02 *	2.96 *	2.90 *	2.83 *	3.42 *
-1	1.59 *	3.17 *	3.14 *	3.10 *	3.07 *	3.02 *	2.97 *	2.90 *	2.83 *	3.43 *
-3	3.18 *	6.37 *	6.34 *	6.26 *	6.17 *	6.08 *	5.96 *	5.83 *	5.68 *	6.87 *
	3.17 *	6.38 *	6.37 *	6.30 *	6.21 *	6.11 *	5.98 *	5.85 *	5.70 *	6.89 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

-5	3.16 *	6.34 *	6.35 *	6.31 *	6.23 *	6.12 *	5.99 *	5.86 *	5.70 *	6.89 *
-7	3.14 *	6.30 *	6.30 *	6.28 *	6.22 *	6.11 *	5.99 *	5.85 *	5.70 *	6.88 *
-9	3.13 *	6.26 *	6.25 *	6.22 *	6.17 *	6.09 *	5.97 *	5.83 *	5.68 *	6.85 *
-11	3.10 *	6.20 *	6.19 *	6.16 *	6.11 *	6.04 *	5.93 *	5.80 *	5.64 *	6.80 *
-13	3.07 *	6.14 *	6.13 *	6.09 *	6.04 *	5.96 *	5.87 *	5.75 *	5.59 *	6.73 *
-15	3.03 *	6.07 *	6.05 *	6.01 *	5.95 *	5.88 *	5.79 *	5.66 *	5.51 *	6.64 *
-17	3.73 *	7.45 *	7.43 *	7.38 *	7.31 *	7.21 *	7.08 *	6.93 *	6.76 *	8.15 *
-19.5	4.36 *	8.72 *	8.69 *	8.62 *	8.53 *	8.41 *	8.26 *	8.08 *	7.87 *	9.49 *
-22.5	4.22 *	8.43 *	8.39 *	8.32 *	8.22 *	8.10 *	7.95 *	7.76 *	7.55 *	9.10 *
-25.5	4.70 *	9.38 *	9.33 *	9.25 *	9.13 *	8.98 *	8.79 *	8.58 *	8.33 *	10.01 *
-29	4.99 *	9.97 *	9.91 *	9.81 *	9.68 *	9.51 *	9.29 *	9.04 *	8.76 *	10.50 *
-33	5.04 *	10.05 *	9.98 *	9.87 *	9.73 *	9.54 *	9.32 *	9.06 *	8.76 *	10.47 *
-37.5	4.77 *	9.52 *	9.45 *	9.34 *	9.19 *	9.01 *	8.79 *	8.53 *	8.24 *	9.86 *
-42.5	3.86 *	7.70 *	7.65 *	7.56 *	7.44 *	7.30 *	7.12 *	6.91 *	6.68 *	8.01 *
-47.5	4.24 *	8.47 *	8.44 *	8.37 *	8.27 *	8.13 *	7.97 *	7.78 *	7.56 *	9.12 *
-55	3.49 *	7.01 *	7.02 *	6.99 *	6.95 *	6.89 *	6.81 *	6.70 *	6.57 *	8.01 *
-65	1.84 *	3.70 *	3.73 *	3.73 *	3.73 *	3.71 *	3.69 *	3.65 *	3.60 *	4.42 *
-75	0.69	1.39	1.40	1.41	1.40	1.40	1.39	1.37	1.35	1.66
-85	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.12
-90										
Total	139.36	278.80	277.92	275.81	272.63	268.42	263.17	256.96	249.84	300.97

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	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03
85	1.17	1.11	1.21	1.25	1.23	1.12	0.86	0.91	0.67	0.24
75	3.88	3.72	4.09	4.30	4.31	4.06	3.23	3.38	2.32	0.75
65	7.61 *	7.26 *	7.96 *	8.39 *	8.46 *	8.05 *	6.50 *	6.97	4.92	1.65
55	8.83 *	8.34 *	9.04 *	9.38 *	9.34 *	8.77 *	7.04 *	7.61 *	5.56	1.93
47.5	7.79 *	7.29 *	7.81 *	8.01 *	7.83 *	7.22 *	5.73 *	6.16 *	4.53 *	1.62

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

42.5	9.67 *	8.95 *	9.50 *	9.64 *	9.27 *	8.40 *	6.60 *	7.02 *	5.15 *	1.88
37.5	10.46 *	9.65 *	10.18 *	10.19 *	9.66 *	8.66 *	6.70 *	7.04 *	5.14 *	1.89
33	10.69 *	9.87 *	10.41 *	10.35 *	9.71 *	8.60 *	6.58 *	6.82 *	4.93 *	1.83
29	10.37 *	9.57 *	10.10 *	10.06 *	9.39 *	8.23 *	6.25 *	6.40 *	4.57 *	1.70
25.5	9.58 *	8.85 *	9.34 *	9.31 *	8.70 *	7.59 *	5.71 *	5.80 *	4.10 *	1.52
22.5	10.14 *	9.39 *	9.91 *	9.89 *	9.26 *	8.06 *	6.01 *	6.05 *	4.25 *	1.57
19.5	8.81 *	8.18 *	8.66 *	8.65 *	8.11 *	7.04 *	5.22 *	5.22 *	3.64 *	1.34
17	7.25 *	6.75 *	7.16 *	7.16 *	6.72 *	5.83 *	4.31 *	4.29 *	2.97 *	1.09
15	7.40 *	6.90 *	7.33 *	7.35 *	6.90 *	5.99 *	4.42 *	4.38 *	3.01 *	1.11 *
13	7.52 *	7.02 *	7.48 *	7.52 *	7.06 *	6.14 *	4.53 *	4.46 *	3.05 *	1.12 *
11	7.63 *	7.13 *	7.61 *	7.66 *	7.20 *	6.26 *	4.61 *	4.52 *	3.08 *	1.13 *
9	7.71 *	7.21 *	7.71 *	7.77 *	7.31 *	6.37 *	4.69 *	4.58 *	3.11 *	1.14 *
7	7.77 *	7.27 *	7.79 *	7.86 *	7.40 *	6.45 *	4.74 *	4.62 *	3.12 *	1.15 *
5	7.81 *	7.31 *	7.84 *	7.92 *	7.47 *	6.51 *	4.79 *	4.65 *	3.14 *	1.16 *
3	7.82 *	7.34 *	7.87 *	7.96 *	7.51 *	6.55 *	4.81 *	4.67 *	3.14 *	1.16 *
1	3.91 *	3.67 *	3.94 *	3.99 *	3.77 *	3.28 *	2.41 *	2.33 *	1.57 *	0.58 *
0	3.92 *	3.68 *	3.95 *	3.99 *	3.77 *	3.29 *	2.41 *	2.34 *	1.57 *	0.58 *
-1	7.86 *	7.37 *	7.91 *	8.00 *	7.56 *	6.59 *	4.84 *	4.69 *	3.16 *	1.16 *
-3	7.88 *	7.38 *	7.92 *	8.01 *	7.56 *	6.59 *	4.84 *	4.70 *	3.17 *	1.17 *
-5	7.87 *	7.37 *	7.91 *	7.99 *	7.54 *	6.57 *	4.83 *	4.70 *	3.17 *	1.17 *
-7	7.85 *	7.35 *	7.87 *	7.95 *	7.49 *	6.52 *	4.80 *	4.68 *	3.16 *	1.16 *
-9	7.81 *	7.30 *	7.81 *	7.89 *	7.42 *	6.46 *	4.75 *	4.65 *	3.15 *	1.16 *
-11	7.74 *	7.24 *	7.73 *	7.79 *	7.33 *	6.37 *	4.69 *	4.60 *	3.14 *	1.15 *
-13	7.66 *	7.16 *	7.63 *	7.67 *	7.21 *	6.26 *	4.61 *	4.54 *	3.11 *	1.15 *
-15	7.56 *	7.05 *	7.51 *	7.52 *	7.06 *	6.13 *	4.52 *	4.47 *	3.08 *	1.14 *
-17	9.27 *	8.63 *	9.16 *	9.17 *	8.59 *	7.46 *	5.51 *	5.48 *	3.80 *	1.40 *
-19.5	10.79 *	10.02 *	10.61 *	10.59 *	9.90 *	8.61 *	6.39 *	6.39 *	4.46 *	1.65
-22.5	10.33 *	9.58 *	10.12 *	10.07 *	9.41 *	8.19 *	6.12 *	6.16 *	4.34 *	1.61

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-25.5	11.34 *	10.51 *	11.10 *	11.03 *	10.28 *	8.97 *	6.75 *	6.86 *	4.87 *	1.81
-29	11.87 *	10.99 *	11.61 *	11.54 *	10.78 *	9.46 *	7.17 *	7.37 *	5.31 *	1.97
-33	11.81 *	10.91 *	11.54 *	11.54 *	10.86 *	9.62 *	7.38 *	7.70 *	5.60 *	2.08
-37.5	11.12 *	10.29 *	10.91 *	11.03 *	10.52 *	9.44 *	7.35 *	7.78 *	5.71 *	2.10
-42.5	9.09 *	8.47 *	9.04 *	9.23 *	8.98 *	8.22 *	6.49 *	6.95 *	5.13 *	1.86
-47.5	10.42 *	9.80 *	10.59 *	10.96 *	10.90 *	10.21 *	8.18 *	8.85 *	6.50 *	2.31
-55	9.25 *	8.82 *	9.67 *	10.19 *	10.32 *	9.88 *	8.04 *	8.65 *	6.22	2.13
-65	5.15 *	4.95 *	5.49 *	5.83 *	5.93	5.73	4.68	4.95	3.43	1.12
-75	1.93	1.86	2.05	2.18	2.21	2.13	1.74	1.83	1.26	0.42
-85	0.14	0.13	0.15	0.16	0.16	0.16	0.14	0.15	0.12	0.05
-90	0.14	0.13	0.15	0.16	0.16	0.16	0.14	0.15	0.12	0.05
Total	342.47	319.68	341.25	344.96	328.46	292.07	222.02	226.40	159.48	57.96

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90				
	0.01	0.00		0.51
85				
	0.06	0.00		18.13
75				
	0.14	0.00		61.27
65				
	0.27	0.01		122.14
55				
	0.31	0.01		141.53
47.5				
	0.26	0.00		123.72
42.5				
	0.31	0.00		151.45
37.5				
	0.32	0.00		161.55
33				
	0.31	0.00		163.39
29				
	0.29	0.00		157.22
25.5				
	0.26	0.00		144.26
22.5				
	0.27	0.00		151.98
19.5				
	0.23	0.00		131.80
17				
	0.19	0.00		108.38
15				
	0.19	0.00		110.66

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

13			
	0.20	0.00	112.63
11			
	0.20	0.00	114.29
9			
	0.20	0.00	115.62
7			
	0.20	0.00	116.63
5			
	0.20	0.00	117.30
3			
	0.20	0.00	117.56
1			
	0.10	0.00	58.75
0			
	0.10	0.00	58.82
-1			
	0.21	0.00	118.10
-3			
	0.21	0.00	118.39
-5			
	0.21	0.00	118.28
-7			
	0.21	0.00	117.83
-9			
	0.20	0.00	117.06
-11			
	0.20	0.00	115.97
-13			
	0.20	0.00	114.56
-15			
	0.20	0.00	112.83
-17			
	0.24	0.00	138.14
-19.5			
	0.29	0.00	160.74
-22.5			
	0.28	0.00	154.26
-25.5			
	0.31	0.00	170.32
-29			
	0.34	0.00	179.87
-33			
	0.35	0.00	181.23
-37.5			
	0.35	0.00	173.32
-42.5			
	0.30	0.00	143.99
-47.5			
	0.37	0.01	167.45
-55			
	0.35	0.01	149.98
-65			
	0.19	0.00	83.26
-75			
	0.08	0.00	31.16

IES FLOOD REPORT

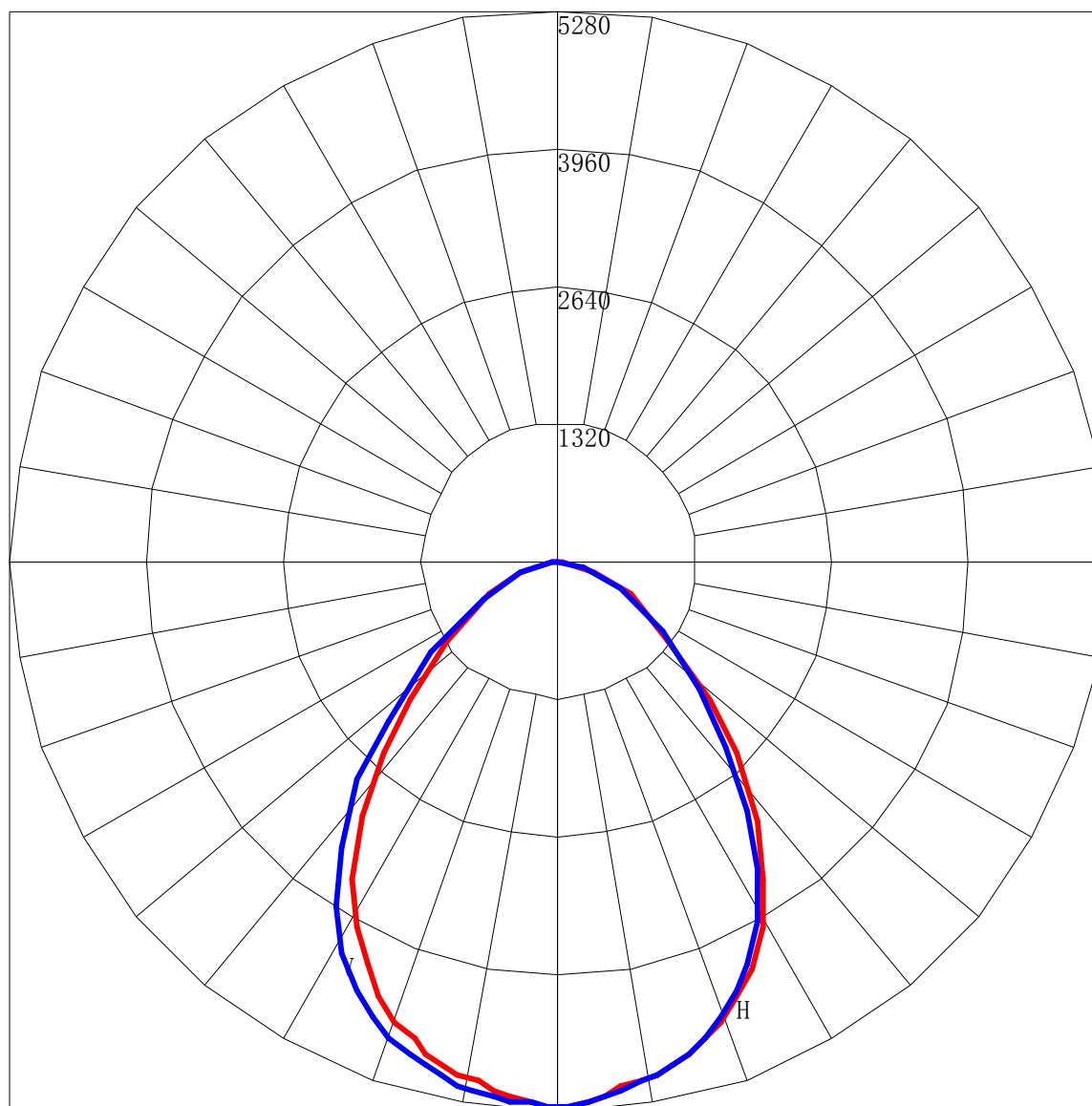
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

LUMENS TABULATION - (Cont.)

-85	0.01	0.00	2.34
-90			
Total	9.95	0.14	5228.69

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

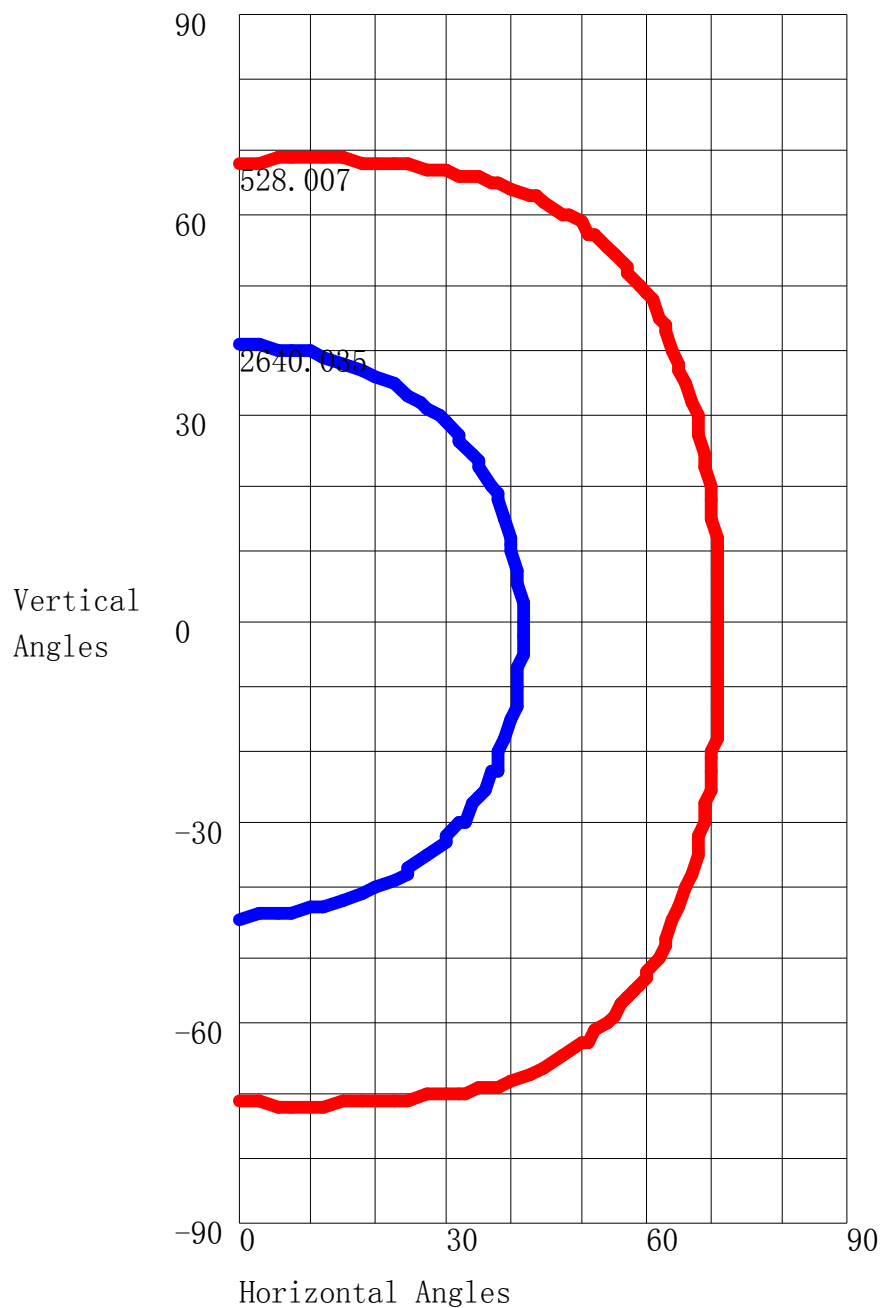
AXIAL CANDELA DISPLAY



Maximum Candela = 5280.07 Located At Horizontal Angle =-3, Vertical Angle =-3
H - Horizontal Axial Candela
V - Vertical Axial Candela

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC201-80W-P540-D1-PCC-HK-B90(5050).IES

ISOCANDELA CURVES



Maximum Candela = 5280.07 Located At Horizontal Angle =-3, Vertical Angle =-3
50% Maximum Candela = 2640.035
10% Maximum Candela = 528.007