

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC201-200W-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] GC201-200W-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	13171.986
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	16367
Beam Efficiency	N.A.
Field Lumens	25071
Field Efficiency	N.A.
Spill Lumens	1017
Luminaire Lumens	26088
Total Efficiency	N.A.
Total Luminaire Watts	210.3
Ballast Factor	1.00

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES****AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	3.247	90	.955
85	83.943	85	28.538
75	874.399	75	671.032
65	1896.244	65	1585.025
55	3262.605	55	2999.077
47.5	4916.404	47.5	4604.67
42.5	6285.464	42.5	5969.23
37.5	7777.934	37.5	7482.267
33	9060.737	33	8802.093
29	10051.087	29	9860.575
25.5	10747.572	25.5	10628.147
22.5	11237.22	22.5	11146.59
19.5	11679.176	19.5	11615.799
17	11938.206	17	11917.894
15	12145.43	15	12159.57
13	12307.918	13	12324.114
11	12470.406	11	12488.658
9	12598.442	9	12622.864
7	12692.026	7	12726.732
5	12785.61	5	12830.6
3	12887.934	3	12914.928
1	12990.258	1	12999.256
0	13041.42	0	13041.42
-1	12991.8	-1	13022.652
-3	12892.56	-3	12985.116
-5	12793.32	-5	12947.58
-7	12706.42	-7	12892.048
-9	12619.52	-9	12836.516
-11	12493.798	-11	12749.874
-13	12329.254	-13	12632.122
-15	12164.71	-15	12514.37
-17	11937.946	-17	12329.254
-19.5	11654.491	-19.5	12097.859
-22.5	11210.225	-22.5	11730.85
-25.5	10720.066	-25.5	11319.492
-29	10001.981	-29	10685.096
-33	9000.06	-33	9771.104
-37.5	7749.01	-37.5	8573.016
-42.5	6264.255	-42.5	7068.335
-47.5	4872.699	-47.5	5569.439
-55	3249.75	-55	3682.965
-65	1881.976	-65	2030.965
-75	890.853	-75	973.125
-85	86.771	-85	156.189
-90	1.585	-90	10.961

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## CANDELA TABULATION

Maximum Candela = 13171.986

Beam Edge = 6585.993 Cd (50% of Max.)

Field Edge = 1317.1986 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	1.414	1.371	1.280	1.183	1.078	0.995	0.968	0.970	0.970	0.970
85.0	1.429	8.418	20.020	28.210	32.907	34.193	34.808	35.680	36.040	36.038
75.0	1.458	22.362	57.330	145.274	273.599	360.418	449.221	520.723	574.807	614.576
65.0	1.486	35.769	155.711	407.153	780.523	1066.775	1259.129	1392.837	*1486.860	*1554.267 *
55.0	1.512	48.284	299.635	786.425	1357.799	*1788.380	*2066.877	*2332.029	*2498.882	*2626.319 *
47.5	1.529	56.877	400.626	1055.587	1754.914	*2311.196	*2691.614	*3098.831	*3380.600	*3637.958 *
42.5	1.540	62.149	493.528	1221.591	1994.782	*2651.713	*3135.231	*3625.607	*4085.990	*4418.473 *
37.5	1.549	67.008	578.087	1371.003	*2245.860	*3017.076	*3584.880	*4221.455	*4824.176	*5318.105 *
33.0	1.557	70.995	646.487	1491.573	*2448.328	*3320.168	*4030.601	*4797.214	*5504.831	*6217.607 *
29.0	1.563	74.211	700.779	1586.645	*2610.700	*3616.131	*4401.910	*5310.546	*6208.790	*7036.185 *
25.5	1.568	76.756	743.031	1659.558	*2761.425	*3866.705	*4763.587	*5770.886	*6798.713	*7649.768 *
22.5	1.572	78.729	775.211	1714.174	*2876.062	*4060.110	*5046.701	*6183.267	*7261.883	*8160.343 *
19.5	1.575	80.502	803.574	1761.349	*2976.565	*4232.256	*5302.387	*6557.811	*7678.692	*8621.495 *
17.0	1.577	81.823	824.236	1794.890	*3049.078	*4370.166	*5492.674	*6838.076	*7990.862	*8956.747 *
15.0	1.579	82.774	838.794	1817.907	*3099.497	*4482.884	*5652.503	*7039.413	*8215.427	*9197.680 *
13.0	1.580	83.630	851.579	1837.514	*3143.003	*4582.289	*5802.803	*7212.199	*8415.974	*9412.357 *
11.0	1.582	85.946	862.580	1853.702	*3179.462	*4667.877	*5933.200	*7362.400	*8583.729	*9598.979 *
9.0	1.583	86.095	871.786	1866.471	*3208.757	*4739.178	*6042.927	*7489.075	*8722.024	*9755.879 *
7.0	1.583	86.244	879.189	1875.827	*3230.789	*4795.755	*6131.283	*7591.389	*8833.215	*9867.402 *
5.0	1.584	86.394	890.433	1881.785	*3245.479	*4837.222	*6197.653	*7668.647	*8916.530	*9938.571 *
3.0	1.584	86.545	890.601	1888.086	*3261.141	*4863.238	*6241.517	*7720.300	*8971.443	*9983.613 *
1.0	1.585	86.696	890.769	1884.014	*3253.550	*4873.524	*6262.468	*7745.977	*8997.690	*10002.389 *
0.0	1.585	86.771	890.853	1881.976	*3249.750	*4872.699	*6264.255	*7749.010	*9000.060	*10001.981 *
-1.0	1.585	86.771	893.122	1888.521	*3261.790	*4889.196	*6283.414	*7771.044	*9025.314	*10029.578 *
-3.0	1.584	87.404	897.658	1901.601	*3285.842	*4910.046	*6304.282	*7795.345	*9054.482	*10065.389 *
-5.0	1.584	87.826	902.184	1904.238	*3286.413	*4914.554	*6302.014	*7793.206	*9055.486	*10075.552 *
-7.0	1.583	88.246	895.577	1907.147	*3287.737	*4902.602	*6276.873	*7764.704	*9028.899	*10060.582 *
-9.0	1.583	88.664	892.784	1906.544	*3281.362	*4874.149	*6229.245	*7710.113	*8975.529	*10006.805 *
-11.0	1.582	89.080	888.133	1902.383	*3267.273	*4829.228	*6159.618	*7629.884	*8896.388	*9909.714 *
-13.0	1.580	87.236	881.621	1894.629	*3245.480	*4767.944	*6068.577	*7524.634	*8786.329	*9785.040 *
-15.0	1.579	86.890	873.248	1883.252	*3216.017	*4690.474	*5956.790	*7395.126	*8635.690	*9634.613 *
-17.0	1.577	86.430	863.014	1868.234	*3178.941	*4597.057	*5831.831	*7236.723	*8458.446	*9460.325 *
-19.5	1.575	85.692	847.617	1844.329	*3122.017	*4481.132	*5671.770	*7008.162	*8201.641	*9211.786 *
-22.5	1.572	84.569	825.342	1808.122	*3038.468	*4331.516	*5443.216	*6692.549	*7845.607	*8829.486 *
-25.5	1.568	83.186	798.967	1763.760	*2938.715	*4154.907	*5176.868	*6335.621	*7440.001	*8376.828 *
-29.0	1.563	81.245	763.097	1701.823	*2802.574	*3916.408	*4821.451	*5903.851	*6914.670	*7821.882 *
-33.0	1.557	78.599	715.530	1617.899	*2658.451	*3628.266	*4453.916	*5377.810	*6266.368	*7072.433 *
-37.5	1.549	75.086	653.914	1509.299	*2474.111	*3336.481	*3997.148	*4770.479	*5532.542	*6156.425 *
-42.5	1.540	70.537	575.855	1374.501	*2239.561	*2975.189	*3539.941	*4133.147	*4710.605	*5120.787 *
-47.5	1.529	65.339	488.309	1221.870	2007.505	*2648.086	*3086.994	*3579.306	*3915.572	*4231.801 *
-55.0	1.512	56.417	380.103	966.202	1618.323	*2129.662	*2470.982	*2779.409	*2966.383	*3118.115 *
-65.0	1.486	42.691	216.353	587.864	1059.139	1414.795	*1649.881	*1785.112	*1886.833	*1963.044 *
-75.0	1.458	27.343	94.690	253.000	495.071	686.138	807.362	876.231	927.016	963.111
-85.0	1.429	10.969	35.434	66.256	102.140	131.390	145.603	152.290	157.012	160.184
-90.0	1.414	2.616	5.032	7.460	9.898	11.732	12.273	12.129	11.998	11.879

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	0.970	0.969	0.968	0.967	0.966	0.965	0.964	0.962	0.961	0.959

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## CANDELA TABULATION - (Cont.)

85.0	35.799	35.425	34.905	34.365	33.866	33.312	33.301	32.435	31.569	30.703
75.0	642.912	662.392	677.447	686.633	691.802	695.050	696.398	695.869	693.489	694.687
65.0	1600.574	*1630.782	*1652.230	*1663.438	*1668.072	*1668.893	*1665.941	*1659.270	*1648.939	*1635.018 *
55.0	2743.310	*2829.906	*2902.989	*2952.991	*2985.540	*3011.233	*3029.873	*3041.276	*3045.279	*3041.733 *
47.5	3853.983	*4018.180	*4161.419	*4274.299	*4365.691	*4444.030	*4508.822	*4559.604	*4595.955	*4617.505 *
42.5	4741.163	*4991.051	*5213.628	*5376.406	*5514.840	*5643.915	*5753.064	*5841.566	*5908.774	*5954.133 *
37.5	5741.204	*6122.009	*6464.036	*6716.493	*6895.442	*7052.995	*7188.019	*7299.368	*7385.986	*7446.941 *
33.0	6776.595	*7212.386	*7607.694	*7903.461	*8115.699	*8304.429	*8460.567	*8586.961	*8685.753	*8755.959 *
29.0	7648.170	*8137.140	*8580.268	*8902.801	*9134.069	*9339.398	*9516.823	*9664.467	*9766.452	*9827.471 *
25.5	8348.703	*8890.027	*9369.036	*9730.629	*9952.865	*10133.472	*10289.370	*10418.573	*10519.254	*10589.855 *
22.5	8891.780	*9478.447	*9984.486	*10296.563	*10522.532	*10724.677	*10895.611	*10997.513	*11076.129	*1129.740 *
19.5	9386.054	*9984.477	*10464.058	*10821.934	*11039.608	*11200.778	*11341.526	*11459.142	*11550.920	*11614.354 *
17.0	9758.823	*10306.245	*10817.634	*11159.036	*11367.338	*11546.272	*11704.207	*11802.394	*11872.470	*11918.704 *
15.0	9988.893	*10538.665	*11041.440	*11362.161	*11608.637	*11802.070	*11923.506	*12025.607	*12104.953	*12158.129 *
13.0	10176.616	*10746.169	*11208.528	*11546.296	*11797.642	*11988.193	*12129.806	*12244.514	*12326.023	*12358.365 *
11.0	10339.170	*10921.735	*11354.429	*11708.302	*11922.694	*12125.790	*12322.612	*12430.362	*12494.635	*12532.280 *
9.0	10474.800	*10929.855	*11476.564	*11809.848	*12027.171	*12241.946	*12426.624	*12584.304	*12663.727	*12709.277 *
7.0	10581.984	*1114.610	*11572.447	*11882.638	*12107.783	*12323.947	*12492.571	*12661.586	*12826.258	*12842.329 *
5.0	10659.533	*1174.547	*11639.894	*11931.207	*12161.427	*12358.210	*12532.086	*12708.943	*12839.176	*12972.539 *
3.0	10706.694	*1208.617	*11665.578	*11953.887	*12185.677	*12366.689	*12541.082	*12700.035	*12815.830	*12949.389 *
1.0	10723.220	*1216.291	*11663.884	*11949.895	*12183.021	*12348.311	*12517.524	*12652.529	*12751.820	*12865.187 *
0.0	10720.066	*1210.225	*11654.491	*11937.946	*12164.710	*12329.254	*12493.798	*12619.520	*12706.420	*12793.320 *
-1.0	10749.872	*1243.811	*11692.461	*11977.859	*12210.167	*12375.004	*12543.419	*12678.310	*12778.935	*12894.191 *
-3.0	10786.951	*1291.225	*11751.761	*12038.415	*12268.201	*12447.708	*12620.143	*12777.957	*12897.928	*13038.455 *
-5.0	10794.276	*1312.387	*11784.638	*12074.105	*12301.662	*12496.151	*12667.990	*12842.048	*12978.053	*13122.933 *
-7.0	10772.616	*1307.911	*11775.421	*12086.646	*12309.286	*12522.509	*12690.282	*12858.459	*13023.937	*13024.658 *
-9.0	10723.166	*1278.912	*11738.068	*12078.309	*12294.146	*12506.952	*12691.391	*12851.482	*12904.752	*12929.956 *
-11.0	10647.448	*1226.890	*11674.802	*12043.621	*12259.537	*12463.004	*12660.748	*12740.610	*12780.371	*12800.460 *
-13.0	10547.217	*1114.436	*11588.130	*11943.386	*12208.610	*12402.507	*12515.765	*12599.920	*12657.130	*12673.925 *
-15.0	10424.357	*10973.815	*11480.631	*11821.308	*12086.138	*12266.201	*12355.885	*12430.522	*12487.482	*12524.156 *
-17.0	10262.319	*10811.443	*11324.108	*11680.509	*11884.652	*12045.337	*12183.756	*12258.145	*12308.212	*12339.843 *
-19.5	9980.230	*10581.497	*11067.077	*11405.028	*11600.767	*11747.207	*11872.825	*11975.499	*12053.334	*12104.884 *
-22.5	9600.744	*10194.842	*10683.151	*10961.717	*11163.321	*11343.716	*11496.700	*11589.518	*11660.667	*11709.280 *
-25.5	9163.527	*9717.551	*10152.886	*10482.902	*10684.195	*10847.004	*10988.160	*11106.100	*11199.434	*11267.039 *
-29.0	8515.334	*9026.102	*9468.196	*9763.781	*9976.885	*10167.347	*10333.454	*10473.569	*10571.806	*10632.868 *
-33.0	7659.489	*8118.870	*8534.183	*8843.379	*9064.509	*9260.764	*9413.419	*9534.612	*9631.693	*9703.806 *
-37.5	6639.703	*7041.247	*7409.136	*7686.719	*7887.464	*8057.968	*8205.381	*8328.869	*8427.719	*8501.366 *
-42.5	5522.986	*5836.252	*6117.449	*6325.200	*6484.504	*6630.190	*6756.683	*6862.991	*6948.177	*7011.375 *
-47.5	4504.449	*4715.928	*4904.858	*5055.533	*5176.940	*5283.140	*5373.585	*5447.768	*5505.229	*5545.568 *
-55.0	3263.132	*3373.184	*3469.022	*3537.322	*3583.996	*3623.297	*3654.969	*3678.771	*3694.479	*3701.888 *
-65.0	2016.477	*2052.316	*2078.913	*2094.018	*2101.495	*2104.904	*2104.276	*2099.652	*2091.083	*2078.630 *
-75.0	987.662	1003.478	1014.488	1020.018	1022.078	1022.057	1019.978	1015.869	1009.759	1007.499
-85.0	162.176	163.311	163.928	164.053	163.904	163.537	165.809	164.060	162.311	160.562
-90.0	11.773	11.681	11.588	11.510	11.447	11.384	11.320	11.255	11.191	11.125

## 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	0.958	0.956	0.955	0.961	0.972	0.983	0.994	1.005	1.015	1.026
85.0	29.837	28.971	28.538	28.463	28.314	28.165	28.016	27.867	27.718	26.886
75.0	685.227	675.764	671.032	673.989	679.904	685.817	681.107	679.982	677.031	672.233
65.0	1621.329	*1597.128	*1585.025	*1595.048	*1615.089	*1624.609	*1634.358	*1640.506	*1642.983	*1641.725 *
55.0	3039.338	*3012.503	*2999.077	*3009.190	*3029.403	*3025.231	*3022.260	*3011.824	*2994.093	*2969.253 *
47.5	4623.932	*4614.979	*4604.670	*4611.279	*4612.838	*4599.035	*4570.139	*4526.483	*4468.447	*4396.464 *
42.5	5977.184	*5977.592	*5969.230	*5973.196	*5964.045	*5932.391	*5878.663	*5803.405	*5707.252	*5590.926 *
37.5	7481.438	*7488.855	*7482.267	*7482.946	*7463.802	*7417.848	*7345.878	*7248.847	*7127.833	*6984.021 *
33.0	8796.822	*8807.848	*8802.093	*8799.913	*8773.168	*8717.030	*8632.273	*8519.908	*8381.141	*8213.886 *

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## CANDELA TABULATION - (Cont.)

29.0	9861.399	*9867.772	*9860.575	*9857.943	*9831.921	*9778.362	*9697.743	*9577.401	*9413.994	*9222.717	*
25.5	10629.190	*10636.544	*10628.147	*10626.219	*10598.235	*10538.318	*10447.214	*10326.129	*10176.637	*10000.571	*
22.5	11156.978	*11156.950	*11146.590	*11146.571	*11125.761	*11077.457	*11002.414	*10901.891	*10777.521	*10585.530	*
19.5	11635.454	*11628.337	*11615.799	*11618.067	*11604.432	*11562.063	*11477.058	*11363.123	*11222.681	*11058.392	*
17.0	11938.962	*11931.863	*11917.894	*11922.139	*11909.499	*11868.671	*11800.605	*11707.144	*11584.205	*11402.192	*
15.0	12182.157	*12178.968	*12159.570	*12169.820	*12154.236	*12110.374	*12035.746	*11933.022	*11805.513	*11656.674	*
13.0	12364.788	*12344.262	*12324.114	*12334.687	*12336.062	*12310.482	*12258.966	*12154.856	*12014.172	*11849.210	*
11.0	12539.228	*12513.495	*12488.658	*12503.346	*12508.821	*12481.710	*12424.015	*12339.786	*12211.709	*12013.710	*
9.0	12700.903	*12655.443	*12622.864	*12645.556	*12669.832	*12654.956	*12588.291	*12489.416	*12335.268	*12152.060	*
7.0	12824.210	*12768.328	*12726.732	*12760.383	*12797.854	*12791.712	*12745.738	*12583.447	*12417.288	*12251.299	*
5.0	12959.601	*12893.363	*12830.600	*12889.158	*12940.590	*12928.803	*12784.771	*12646.681	*12472.177	*12300.588	*
3.0	13074.140	*12972.738	*12914.928	*12968.407	*13059.759	*12927.171	*12781.675	*12655.889	*12495.959	*12323.678	*
1.0	12958.720	*13052.329	*12999.256	*13047.595	*12951.514	*12855.221	*12731.935	*12624.474	*12486.878	*12319.730	*
0.0	12892.560	*12991.800	*13041.420	*12990.258	*12887.934	*12785.610	*12692.026	*12598.442	*12470.406	*12307.918	*
-1.0	12988.666	*13085.039	*13022.652	*13067.961	*12970.146	*12873.266	*12753.393	*12647.498	*12510.059	*12342.364	*
-3.0	13171.986	*13046.385	*12985.116	*13030.723	*13121.028	*12989.600	*12849.276	*12726.823	*12565.955	*12391.920	*
-5.0	13091.613	*13010.019	*12947.580	*12994.813	*13045.852	*13047.785	*12906.005	*12769.036	*12590.208	*12415.385	*
-7.0	12993.944	*12932.419	*12892.048	*12918.776	*12952.976	*12956.245	*12928.680	*12757.815	*12585.016	*12414.007	*
-9.0	12912.414	*12866.110	*12836.516	*12853.432	*12874.264	*12864.738	*12806.480	*12717.756	*12554.473	*12367.365	*
-11.0	12797.987	*12771.679	*12749.874	*12758.764	*12758.341	*12731.661	*12679.139	*12603.452	*12486.781	*12286.223	*
-13.0	12671.788	*12650.093	*12632.122	*12636.351	*12629.942	*12602.259	*12553.189	*12459.065	*12333.375	*12182.377	*
-15.0	12538.299	*12531.453	*12514.370	*12517.125	*12494.515	*12449.124	*12378.472	*12284.289	*12169.007	*12035.320	*
-17.0	12351.437	*12341.980	*12329.254	*12326.639	*12304.925	*12260.764	*12194.441	*12107.071	*11994.111	*11825.609	*
-19.5	12118.399	*12109.298	*12097.859	*12092.998	*12069.141	*12022.101	*11938.521	*11829.599	*11696.887	*11542.314	*
-22.5	11734.945	*11737.790	*11730.850	*11722.529	*11689.263	*11633.475	*11555.207	*11454.998	*11333.806	*11159.847	*
-25.5	11308.146	*11322.409	*11319.492	*11308.561	*11266.928	*11199.409	*11106.922	*10990.718	*10852.293	*10693.301	*
-29.0	10671.057	*10686.171	*10685.096	*10675.150	*10638.217	*10578.872	*10497.719	*10378.996	*10216.263	*10026.675	*
-33.0	9750.295	*9770.727	*9771.104	*9759.971	*9717.955	*9649.667	*9555.400	*9435.687	*9291.270	*9116.255	*
-37.5	8549.405	*8571.615	*8573.016	*8561.717	*8519.805	*8452.335	*8359.705	*8242.481	*8101.376	*7937.230	*
-42.5	7051.808	*7068.804	*7068.335	*7059.499	*7023.848	*6964.622	*6882.402	*6777.881	*6651.843	*6505.151	*
-47.5	5568.443	*5573.584	*5569.439	*5565.685	*5544.865	*5506.670	*5451.603	*5380.231	*5293.168	*5191.074	*
-55.0	3710.677	*3692.206	*3682.965	*3687.742	*3697.292	*3679.665	*3663.496	*3639.156	*3606.885	*3566.938	*
-65.0	2066.465	*2042.800	*2030.965	*2039.472	*2056.482	*2062.089	*2068.063	*2070.287	*2068.738	*2063.404	*
-75.0	993.752	980.001	973.125	977.115	985.093	993.069	989.561	989.907	988.256	984.581	
-85.0	158.813	157.064	156.189	155.716	154.770	153.823	152.877	151.931	150.985	146.410	
-90.0	11.060	10.994	10.961	10.818	10.530	10.243	9.954	9.666	9.377	9.088	

## Vert. Angles

## Horizontal Angles

	15.0	17.0	19.5	22.5	25.5	29.0	33.0	37.5	42.5	47.5
90.0	1.037	1.047	1.061	1.076	1.092	1.110	1.130	1.153	1.178	1.301
85.0	26.517	26.120	25.586	24.890	24.139	23.197	22.040	20.646	18.997	19.722
75.0	665.571	657.027	643.686	623.752	599.524	565.832	520.211	459.921	382.032	296.535
65.0	1636.678	*1627.797	*1611.249	*1583.340	*1546.606	*1492.593	*1416.244	*1313.287	1174.459	993.932
55.0	2937.506	*2899.070	*2841.969	*2760.788	*2666.598	*2541.434	*2409.173	*2240.012	*1989.010	*1718.712
47.5	4311.001	*4212.564	*4091.127	*3937.981	*3764.212	*3537.459	*3269.238	*2985.468	*2598.884	*2242.623
42.5	5455.215	*5310.304	*5138.404	*4905.157	*4644.914	*4310.544	*3966.138	*3514.538	*3043.175	*2580.038
37.5	6818.666	*6632.198	*6371.545	*6021.590	*5635.000	*5203.000	*4707.994	*4121.178	*3497.843	*2947.833
33.0	8015.164	*7794.386	*7490.084	*7087.758	*6646.963	*6087.144	*5401.622	*4709.577	*3955.942	*3254.475
29.0	9005.608	*8764.737	*8433.331	*7982.873	*7490.316	*6902.728	*6105.366	*5235.917	*4340.258	*3559.905
25.5	9799.916	*9560.864	*9189.378	*8704.075	*8188.223	*7519.432	*6693.826	*5703.410	*4713.375	*3821.569
22.5	10362.725	*10116.304	*9778.928	*9284.419	*8736.229	*8039.759	*7161.342	*6115.884	*5007.053	*4025.225
19.5	10872.952	*10632.497	*10265.853	*9804.795	*9239.664	*8514.865	*7591.807	*6491.131	*5273.963	*4208.227
17.0	11198.389	*10975.948	*10644.762	*10151.123	*9624.396	*8860.985	*7919.374	*6772.555	*5474.064	*4355.104
15.0	11445.155	*11205.019	*10890.843	*10402.863	*9871.071	*9112.946	*8158.728	*6975.614	*5637.812	*4474.545
13.0	11661.241	*11414.989	*11082.670	*10629.434	*10077.624	*9340.706	*8376.053	*7159.479	*5790.879	*4580.788
11.0	11812.562	*11602.702	*11253.133	*10824.304	*10258.956	*9542.401	*8557.932	*7321.709	*5924.574	*4673.304

# IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES

## CANDELA TABULATION - (Cont.)

9.0	11939.570	*1727.660	*1399.636	*0955.529	*0413.407	9716.244	*8709.778	*7461.101	*6038.179	*4751.592	*
7.0	12039.064	*1821.008	*1519.679	*1063.171	*0539.571	9846.434	*8835.715	*7576.518	*6131.042	*4815.185	*
5.0	12108.443	*1888.003	*1611.072	*1145.776	*0636.405	9936.962	*8934.793	*7666.925	*6202.600	*4863.661	*
3.0	12146.315	*1927.881	*1658.175	*1202.301	*0703.317	*0001.830	9006.273	*7731.411	*6252.380	*4896.646	*
1.0	12156.501	*1941.095	*1677.567	*1232.230	*0740.234	*0041.024	9049.661	*7769.220	*6280.024	*4913.824	*
0.0	12145.430	*1938.206	*1679.176	*1237.220	*0747.572	*0051.087	9060.737	*7777.934	*6285.464	*4916.404	*
-1.0	12178.644	*1963.689	*1700.459	*1255.239	*0763.706	*0067.170	9074.919	*7791.122	*6297.352	*4926.658	*
-3.0	12213.523	*1996.112	*1727.175	*1271.552	*0774.315	*0080.667	9082.032	*7796.968	*6304.223	*4935.024	*
-5.0	12222.363	*2003.159	*1727.108	*1261.913	*0756.641	*0069.673	9061.007	*7775.687	*6288.544	*4927.211	*
-7.0	12202.212	*1985.036	*1684.146	*1227.214	*0711.772	*0034.922	9012.313	*7727.749	*6250.404	*4903.291	*
-9.0	12154.922	*1942.942	*1614.304	*1168.791	*0641.151	9960.631	*8936.661	*7653.801	*6190.024	*4863.408	*
-11.0	12083.231	*1871.793	*1519.995	*1088.307	*0546.477	9840.650	*8834.976	*7554.639	*6107.736	*4807.767	*
-13.0	11990.245	*1740.285	*1403.809	*0956.714	*0429.602	9692.577	*8701.523	*7431.190	*6003.980	*4736.634	*
-15.0	11834.999	*1588.937	*1268.327	*0800.665	*0292.442	9518.177	*8527.423	*7284.487	*5879.289	*4650.330	*
-17.0	11636.260	*1420.720	*1092.621	*0625.690	*0113.794	9319.298	*8328.789	*7114.423	*5741.614	*4549.223	*
-19.5	11367.982	*1152.616	*0823.927	*0383.737	*9798.723	*9039.121	*8048.456	*6870.378	*5568.914	*4423.359	*
-22.5	10962.663	*0747.865	*0457.693	9963.119	*9378.005	*8626.505	*7669.194	*6534.239	*5329.323	*4262.425	*
-25.5	10515.464	*0297.306	9933.642	*9455.473	*8903.857	*8154.143	*7242.189	*6154.489	*5056.648	*4076.814	*
-29.0	9811.784	*9573.246	*9244.404	*8775.420	*8248.783	*7584.922	*6685.754	*5710.319	*4699.919	*3830.924	*
-33.0	8901.806	*8663.967	*8336.070	*7901.600	*7415.685	*6789.998	*6003.574	*5191.888	*4327.861	*3537.939	*
-37.5	7750.988	*7529.831	*7225.350	*6823.399	*6385.761	*5885.461	*5296.444	*4598.791	*3872.315	*3241.910	*
-42.5	6338.727	*6160.573	*5939.362	*5647.137	*5328.748	*4928.309	*4517.374	*3975.548	*3415.725	*2877.845	*
-47.5	5074.640	*4944.583	*4783.665	*4583.814	*4364.314	*4086.184	*3765.781	*3427.843	*2962.889	*2545.868	*
-55.0	3519.588	*3465.120	*3387.478	*3281.078	*3161.238	*3005.858	*2842.781	*2644.514	*2345.882	*2033.523	*
-65.0	2054.277	*2041.361	*2019.900	*1986.404	*1944.553	*1885.343	*1804.316	*1694.944	*1542.103	*1310.445	
-75.0	978.856	971.056	958.364	938.778	914.412	879.918	832.508	769.060	686.204	569.131	
-85.0	144.292	142.019	138.969	135.011	130.743	125.394	118.822	110.895	101.495	90.486	
-90.0	8.799	8.509	8.147	7.711	7.275	6.766	6.182	5.525	4.793	4.351	

## 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	1.628	2.056	2.474	2.884	3.085
85.0	22.677	22.872	18.469	9.363	3.099
75.0	229.069	123.748	50.503	22.204	3.127
65.0	721.637	363.718	140.675	34.610	3.153
55.0	1299.700	742.494	274.881	46.282	3.178
47.5	1705.869	*1015.563	370.385	54.370	3.194
42.5	1953.253	*1186.243	464.101	59.373	3.204
37.5	2205.365	*1341.104	*549.668	64.021	3.213
33.0	2410.841	*1467.040	*619.134	67.868	3.221
29.0	2577.444	*1566.956	*674.492	70.999	3.227
25.5	2731.885	*1644.145	*717.759	73.499	3.231
22.5	2850.145	*1702.435	*750.865	75.456	3.234
19.5	2954.670	*1753.275	*780.198	77.232	3.238
17.0	3030.831	*1789.851	*801.699	78.570	3.240
15.0	3084.357	*1815.276	*816.944	79.544	3.241
13.0	3131.131	*1837.267	*830.429	80.430	3.243
11.0	3171.016	*1855.810	*842.140	82.694	3.244
9.0	3203.886	*1870.898	*852.064	82.919	3.245
7.0	3229.635	*1882.532	*860.191	83.146	3.246
5.0	3248.176	*1890.721	*872.175	83.373	3.246
3.0	3267.701	*1899.275	*873.063	83.601	3.247
1.0	3264.305	*1897.255	*873.954	83.943	3.247
0.0	3262.605	*1896.244	*874.399	83.943	3.247
-1.0	3271.885	*1901.235	*876.019	84.042	3.247
-3.0	3290.424	*1911.208	*879.258	84.241	3.247

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES****CANDELA TABULATION - (Cont.)**

<b>-5.0</b>	3285.833	*1910.586	*882.489	84.438	3.246
<b>-7.0</b>	3282.026	*1910.294	*874.561	84.636	3.246
<b>-9.0</b>	3270.685	*1906.509	*870.465	84.832	3.245
<b>-11.0</b>	3251.812	*1899.207	*864.515	85.028	3.244
<b>-13.0</b>	3225.431	*1888.376	*856.709	83.112	3.243
<b>-15.0</b>	3191.591	*1874.009	*847.050	82.603	3.241
<b>-17.0</b>	3150.360	*1856.108	*835.540	81.992	3.240
<b>-19.5</b>	3088.573	*1828.779	*818.564	81.085	3.238
<b>-22.5</b>	2999.695	*1788.775	*794.422	79.787	3.235
<b>-25.5</b>	2895.192	*1741.003	*766.219	78.262	3.231
<b>-29.0</b>	2754.260	*1675.643	*728.268	76.200	3.227
<b>-33.0</b>	2602.542	*1588.606	*678.406	73.478	3.221
<b>-37.5</b>	2410.664	*1475.219	*614.327	69.962	3.213
<b>-42.5</b>	2169.422	*1330.110	*533.694	65.515	3.205
<b>-47.5</b>	1938.867	*1166.792	443.767	60.531	3.195
<b>-55.0</b>	1550.338	*898.969	341.084	52.133	3.178
<b>-65.0</b>	964.139	515.319	188.335	39.459	3.154
<b>-75.0</b>	411.279	208.413	77.928	25.496	3.127
<b>-85.0</b>	72.488	49.521	28.655	10.732	3.099
<b>-90.0</b>	4.122	3.820	3.521	3.229	3.085

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES**

**LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 13043.82

Total Field Lumens (one side of beam only) = 12535.47

\* 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										
	0.02	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
85	1.07	2.15	2.17	2.18	2.16	2.15	2.13	2.10	2.07	2.52
75	3.45	6.96	7.02	7.04	7.04	7.02	6.97	6.90	6.81	8.33
65	7.00 *	14.09 *	14.15 *	14.15 *	14.10 *	14.01 *	13.87 *	13.68 *	13.45 *	16.41 *
55	8.70 *	17.44 *	17.43 *	17.33 *	17.18 *	16.95 *	16.66 *	16.30 *	15.89 *	19.21 *
47.5	8.06 *	16.12 *	16.06 *	15.93 *	15.72 *	15.44 *	15.09 *	14.68 *	14.21 *	17.08 *
42.5	10.25 *	20.48 *	20.37 *	20.17 *	19.88 *	19.49 *	19.01 *	18.46 *	17.83 *	21.34 *
37.5	11.16 *	22.29 *	22.17 *	21.94 *	21.62 *	21.20 *	20.69 *	20.08 *	19.40 *	23.18 *
33	11.37 *	22.71 *	22.59 *	22.37 *	22.06 *	21.63 *	21.11 *	20.50 *	19.80 *	23.68 *
29	10.92 *	21.82 *	21.71 *	21.51 *	21.22 *	20.84 *	20.36 *	19.81 *	19.18 *	22.95 *
25.5	9.95 *	19.88 *	19.79 *	19.63 *	19.39 *	19.07 *	18.68 *	18.19 *	17.64 *	21.16 *
22.5	10.40 *	20.79 *	20.72 *	20.56 *	20.32 *	20.01 *	19.62 *	19.14 *	18.59 *	22.34 *
19.5	8.96 *	17.92 *	17.86 *	17.73 *	17.54 *	17.28 *	16.96 *	16.57 *	16.12 *	19.39 *
17	7.34 *	14.67 *	14.62 *	14.52 *	14.37 *	14.17 *	13.92 *	13.60 *	13.22 *	15.93 *
15	7.46 *	14.93 *	14.89 *	14.79 *	14.64 *	14.43 *	14.18 *	13.86 *	13.47 *	16.23 *
13	7.56 *	15.14 *	15.11 *	15.02 *	14.88 *	14.68 *	14.40 *	14.06 *	13.68 *	16.48 *
11	7.66 *	15.33 *	15.31 *	15.23 *	15.08 *	14.87 *	14.57 *	14.22 *	13.84 *	16.69 *
9	7.73 *	15.50 *	15.50 *	15.42 *	15.25 *	15.00 *	14.69 *	14.35 *	13.96 *	16.85 *
7	7.80 *	15.65 *	15.66 *	15.56 *	15.35 *	15.08 *	14.77 *	14.43 *	14.05 *	16.97 *
5	7.86 *	15.79 *	15.77 *	15.60 *	15.37 *	15.11 *	14.81 *	14.47 *	14.10 *	17.04 *
3	7.91 *	15.84 *	15.75 *	15.55 *	15.34 *	15.10 *	14.81 *	14.49 *	14.12 *	17.07 *
1	3.97 *	7.90 *	7.82 *	7.74 *	7.64 *	7.53 *	7.39 *	7.24 *	7.06 *	8.54 *
0	3.97 *	7.91 *	7.83 *	7.75 *	7.65 *	7.54 *	7.40 *	7.25 *	7.07 *	8.55 *
-1	7.94 *	15.90 *	15.81 *	15.61 *	15.40 *	15.16 *	14.87 *	14.55 *	14.18 *	17.15 *
-3	7.92 *	15.91 *	15.90 *	15.73 *	15.50 *	15.23 *	14.93 *	14.59 *	14.22 *	17.19 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES**

**LUMENS TABULATION - (Cont.)**

<b>-5</b>	7.88 *	15.82 *	15.84 *	15.75 *	15.54 *	15.26 *	14.95 *	14.61 *	14.23 *	17.20 *
<b>-7</b>	7.85 *	15.72 *	15.73 *	15.67 *	15.51 *	15.25 *	14.95 *	14.60 *	14.21 *	17.16 *
<b>-9</b>	7.80 *	15.62 *	15.60 *	15.52 *	15.40 *	15.19 *	14.90 *	14.54 *	14.16 *	17.08 *
<b>-11</b>	7.74 *	15.48 *	15.45 *	15.37 *	15.24 *	15.06 *	14.80 *	14.46 *	14.08 *	16.96 *
<b>-13</b>	7.66 *	15.32 *	15.28 *	15.20 *	15.06 *	14.87 *	14.64 *	14.34 *	13.94 *	16.78 *
<b>-15</b>	7.57 *	15.13 *	15.08 *	14.99 *	14.85 *	14.67 *	14.43 *	14.13 *	13.75 *	16.57 *
<b>-17</b>	9.30 *	18.59 *	18.53 *	18.41 *	18.22 *	17.98 *	17.67 *	17.30 *	16.86 *	20.33 *
<b>-19.5</b>	10.89 *	21.75 *	21.67 *	21.51 *	21.28 *	20.98 *	20.60 *	20.15 *	19.62 *	23.67 *
<b>-22.5</b>	10.53 *	21.03 *	20.92 *	20.75 *	20.51 *	20.21 *	19.82 *	19.37 *	18.85 *	22.70 *
<b>-25.5</b>	11.73 *	23.41 *	23.28 *	23.08 *	22.78 *	22.40 *	21.93 *	21.39 *	20.78 *	24.97 *
<b>-29</b>	12.46 *	24.86 *	24.72 *	24.48 *	24.15 *	23.72 *	23.19 *	22.56 *	21.84 *	26.19 *
<b>-33</b>	12.57 *	25.07 *	24.90 *	24.63 *	24.27 *	23.81 *	23.26 *	22.60 *	21.85 *	26.13 *
<b>-37.5</b>	11.91 *	23.75 *	23.58 *	23.31 *	22.94 *	22.47 *	21.92 *	21.28 *	20.56 *	24.59 *
<b>-42.5</b>	9.62 *	19.20 *	19.07 *	18.86 *	18.57 *	18.20 *	17.76 *	17.25 *	16.68 *	19.99 *
<b>-47.5</b>	10.57 *	21.14 *	21.05 *	20.87 *	20.62 *	20.29 *	19.88 *	19.41 *	18.86 *	22.74 *
<b>-55</b>	8.72 *	17.50 *	17.51 *	17.45 *	17.35 *	17.19 *	16.98 *	16.71 *	16.39 *	19.97 *
<b>-65</b>	4.59 *	9.24 *	9.30 *	9.32 *	9.30 *	9.27 *	9.20 *	9.11 *	8.99 *	11.03 *
<b>-75</b>	1.72	3.47	3.50	3.51	3.50	3.48	3.46	3.42	3.37	4.13
<b>-85</b>	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.24	0.29
<b>-90</b>										
<b>Total</b>	347.65	695.51	693.32	688.04	680.11	669.62	656.52	641.03	623.25	750.83

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>
<b>90</b>	0.07	0.06	0.07	0.08	0.08	0.08	0.08	0.10	0.11	0.06
<b>85</b>	2.91	2.76	3.01	3.12	3.06	2.80	2.15	2.27	1.67	0.61
<b>75</b>	9.69	9.28	10.21	10.74	10.75	10.14	8.05	8.44	5.79	1.88
<b>65</b>	18.99 *	18.12 *	19.87 *	20.92 *	21.11 *	20.07 *	16.23 *	17.38	12.28	4.12
<b>55</b>	22.03 *	20.80 *	22.54 *	23.40 *	23.31 *	21.87 *	17.57 *	19.00 *	13.86	4.82
<b>47.5</b>	19.44 *	18.19 *	19.49 *	19.97 *	19.53 *	18.00 *	14.30 *	15.36 *	11.30 *	4.04

**IES FLOOD REPORT**  
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**LUMENS TABULATION - (Cont.)**

<b>42.5</b>										
	24.11 *	22.33 *	23.70 *	24.04 *	23.13 *	20.95 *	16.46 *	17.50 *	12.85 *	4.69
<b>37.5</b>										
	26.09 *	24.06 *	25.39 *	25.41 *	24.10 *	21.60 *	16.72 *	17.56 *	12.82 *	4.72
<b>33</b>										
	26.67 *	24.62 *	25.97 *	25.83 *	24.21 *	21.45 *	16.41 *	17.00 *	12.29 *	4.55
<b>29</b>										
	25.86 *	23.88 *	25.20 *	25.09 *	23.42 *	20.53 *	15.58 *	15.97 *	11.41 *	4.23
<b>25.5</b>										
	23.89 *	22.08 *	23.29 *	23.22 *	21.69 *	18.94 *	14.25 *	14.46 *	10.23 *	3.79
<b>22.5</b>										
	25.29 *	23.42 *	24.73 *	24.68 *	23.10 *	20.11 *	15.00 *	15.10 *	10.60 *	3.92
<b>19.5</b>										
	21.98 *	20.41 *	21.61 *	21.58 *	20.23 *	17.57 *	13.02 *	13.03 *	9.08 *	3.35
<b>17</b>										
	18.08 *	16.83 *	17.86 *	17.86 *	16.76 *	14.55 *	10.75 *	10.70 *	7.41 *	2.73
<b>15</b>										
	18.46 *	17.20 *	18.29 *	18.33 *	17.22 *	14.95 *	11.04 *	10.92 *	7.52 *	2.77 *
<b>13</b>										
	18.77 *	17.52 *	18.66 *	18.75 *	17.62 *	15.31 *	11.29 *	11.12 *	7.61 *	2.80 *
<b>11</b>										
	19.03 *	17.78 *	18.98 *	19.11 *	17.96 *	15.62 *	11.51 *	11.29 *	7.69 *	2.83 *
<b>9</b>										
	19.22 *	17.98 *	19.24 *	19.39 *	18.25 *	15.88 *	11.69 *	11.42 *	7.75 *	2.85 *
<b>7</b>										
	19.37 *	18.14 *	19.43 *	19.61 *	18.47 *	16.09 *	11.84 *	11.53 *	7.79 *	2.87 *
<b>5</b>										
	19.47 *	18.25 *	19.56 *	19.76 *	18.64 *	16.24 *	11.94 *	11.60 *	7.83 *	2.88 *
<b>3</b>										
	19.52 *	18.31 *	19.64 *	19.85 *	18.74 *	16.33 *	12.00 *	11.64 *	7.84 *	2.89 *
<b>1</b>										
	9.76 *	9.16 *	9.84 *	9.95 *	9.39 *	8.18 *	6.01 *	5.82 *	3.92 *	1.44 *
<b>0</b>										
	9.78 *	9.17 *	9.85 *	9.96 *	9.41 *	8.20 *	6.02 *	5.83 *	3.92 *	1.44 *
<b>-1</b>										
	19.61 *	18.39 *	19.74 *	19.97 *	18.86 *	16.43 *	12.07 *	11.71 *	7.88 *	2.90 *
<b>-3</b>										
	19.65 *	18.42 *	19.76 *	19.98 *	18.86 *	16.43 *	12.08 *	11.73 *	7.90 *	2.91 *
<b>-5</b>										
	19.64 *	18.39 *	19.73 *	19.94 *	18.81 *	16.38 *	12.05 *	11.71 *	7.90 *	2.91 *
<b>-7</b>										
	19.58 *	18.33 *	19.64 *	19.84 *	18.69 *	16.27 *	11.97 *	11.67 *	7.89 *	2.90 *
<b>-9</b>										
	19.47 *	18.22 *	19.49 *	19.67 *	18.52 *	16.11 *	11.86 *	11.59 *	7.87 *	2.90 *
<b>-11</b>										
	19.32 *	18.06 *	19.29 *	19.43 *	18.29 *	15.89 *	11.70 *	11.48 *	7.82 *	2.88 *
<b>-13</b>										
	19.11 *	17.85 *	19.03 *	19.13 *	17.99 *	15.61 *	11.51 *	11.33 *	7.77 *	2.86 *
<b>-15</b>										
	18.85 *	17.59 *	18.72 *	18.77 *	17.62 *	15.29 *	11.28 *	11.15 *	7.69 *	2.84 *
<b>-17</b>										
	23.12 *	21.54 *	22.86 *	22.86 *	21.43 *	18.61 *	13.75 *	13.66 *	9.48 *	3.50 *
<b>-19.5</b>										
	26.92 *	25.01 *	26.46 *	26.42 *	24.71 *	21.48 *	15.95 *	15.94 *	11.13 *	4.12
<b>-22.5</b>										
	25.77 *	23.91 *	25.24 *	25.13 *	23.47 *	20.44 *	15.27 *	15.38 *	10.82 *	4.01

**IES FLOOD REPORT**  
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**LUMENS TABULATION - (Cont.)**

<b>-25.5</b>	28.28 *	26.22 *	27.68 *	27.51 *	25.65 *	22.38 *	16.83 *	17.11 *	12.16 *	4.52
<b>-29</b>	29.60 *	27.41 *	28.96 *	28.79 *	26.89 *	23.61 *	17.88 *	18.38 *	13.24 *	4.93
<b>-33</b>	29.46 *	27.23 *	28.79 *	28.78 *	27.09 *	24.01 *	18.41 *	19.20 *	13.98 *	5.18
<b>-37.5</b>	27.75 *	25.68 *	27.23 *	27.51 *	26.25 *	23.55 *	18.34 *	19.40 *	14.24 *	5.25
<b>-42.5</b>	22.67 *	21.13 *	22.56 *	23.02 *	22.40 *	20.50 *	16.19 *	17.33 *	12.79 *	4.64
<b>-47.5</b>	25.99 *	24.45 *	26.42 *	27.34 *	27.20 *	25.48 *	20.41 *	22.07 *	16.21 *	5.76
<b>-55</b>	23.08 *	21.99 *	24.12 *	25.42 *	25.75 *	24.66 *	20.05 *	21.58 *	15.52	5.33
<b>-65</b>	12.85 *	12.36 *	13.69 *	14.54 *	14.80	14.30	11.66	12.34	8.55	2.79
<b>-75</b>	4.82	4.63	5.12	5.44	5.52	5.32	4.33	4.57	3.15	1.06
<b>-85</b>	0.34	0.33	0.36	0.39	0.40	0.40	0.34	0.38	0.30	0.13
<b>-90</b>	0.34	0.33	0.36	0.39	0.40	0.40	0.34	0.38	0.30	0.13
<b>Total</b>	854.34	797.50	851.30	860.55	819.38	728.61	553.86	564.78	397.84	144.60

<b>Vert. Angles</b>	<b>Horizontal Angles</b>			
	<b><u>75</u></b>	<b><u>85</u></b>	<b><u>90</u></b>	<b><u>Total</u></b>
<b>90</b>				
	0.02	0.00		1.27
<b>85</b>				
	0.14	0.01		45.22
<b>75</b>				
	0.34	0.01		152.84
<b>65</b>				
	0.68	0.01		304.71
<b>55</b>				
	0.77	0.01		353.07
<b>47.5</b>				
	0.65	0.01		308.64
<b>42.5</b>				
	0.77	0.01		377.82
<b>37.5</b>				
	0.79	0.01		403.01
<b>33</b>				
	0.77	0.01		407.61
<b>29</b>				
	0.72	0.01		392.22
<b>25.5</b>				
	0.65	0.01		359.89
<b>22.5</b>				
	0.68	0.01		379.14
<b>19.5</b>				
	0.58	0.01		328.78
<b>17</b>				
	0.48	0.01		270.37
<b>15</b>				
	0.48	0.01		276.07

**IES FLOOD REPORT**  
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**LUMENS TABULATION - (Cont.)**

<b>13</b>			
	0.49	0.01	280.98
<b>11</b>			
	0.50	0.01	285.11
<b>9</b>			
	0.50	0.01	288.44
<b>7</b>			
	0.51	0.01	290.96
<b>5</b>			
	0.51	0.01	292.62
<b>3</b>			
	0.51	0.01	293.26
<b>1</b>			
	0.26	0.00	146.57
<b>0</b>			
	0.26	0.00	146.74
<b>-1</b>			
	0.51	0.01	294.62
<b>-3</b>			
	0.52	0.01	295.36
<b>-5</b>			
	0.52	0.01	295.08
<b>-7</b>			
	0.51	0.01	293.96
<b>-9</b>			
	0.51	0.01	292.03
<b>-11</b>			
	0.51	0.01	289.30
<b>-13</b>			
	0.50	0.01	285.78
<b>-15</b>			
	0.50	0.01	281.47
<b>-17</b>			
	0.61	0.01	344.62
<b>-19.5</b>			
	0.72	0.01	401.00
<b>-22.5</b>			
	0.70	0.01	384.84
<b>-25.5</b>			
	0.78	0.01	424.89
<b>-29</b>			
	0.84	0.01	448.71
<b>-33</b>			
	0.88	0.01	452.10
<b>-37.5</b>			
	0.88	0.01	432.37
<b>-42.5</b>			
	0.76	0.01	359.21
<b>-47.5</b>			
	0.93	0.02	417.74
<b>-55</b>			
	0.87	0.02	374.14
<b>-65</b>			
	0.47	0.01	207.70
<b>-75</b>			
	0.21	0.01	77.73

**IES FLOOD REPORT**

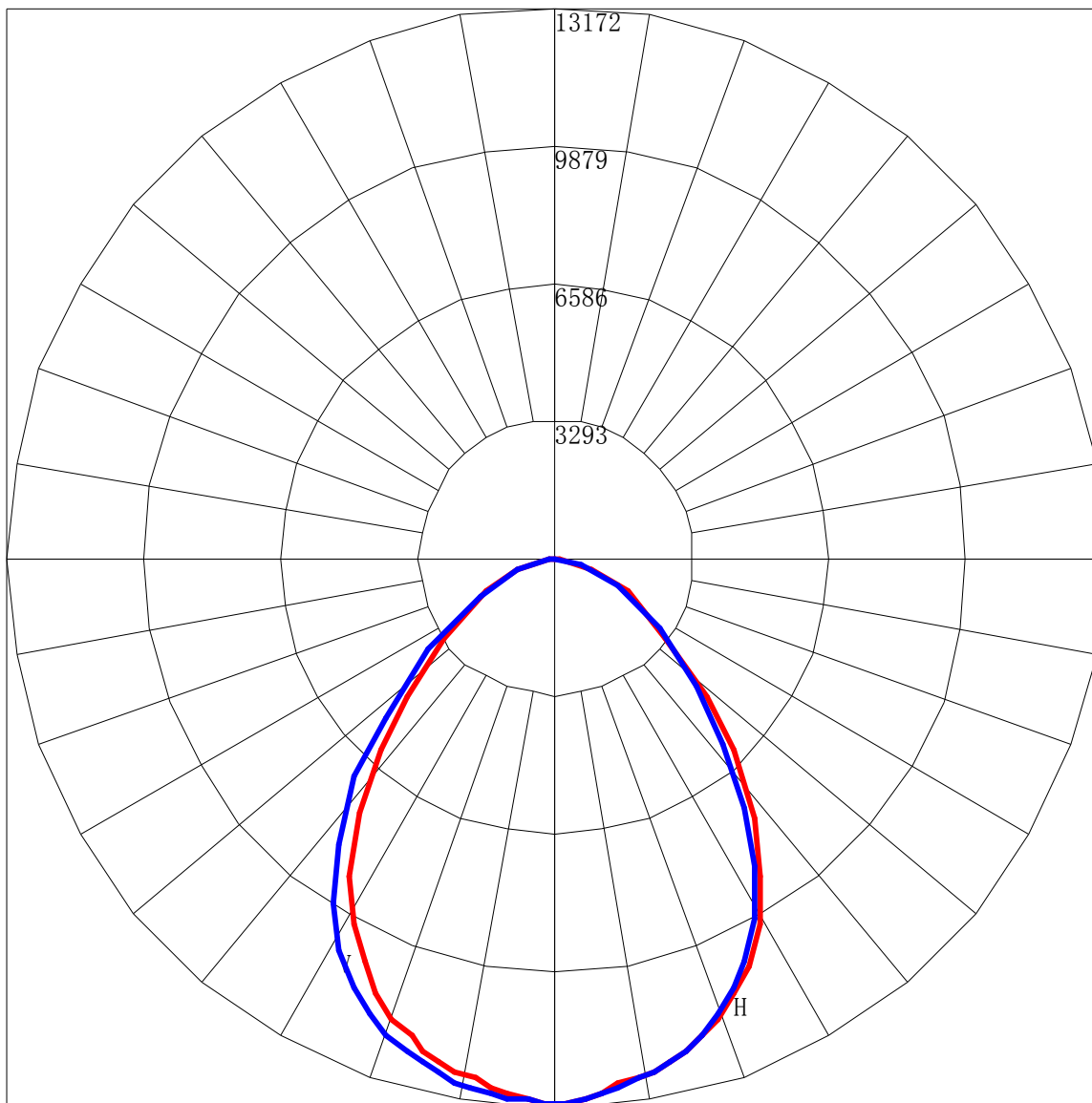
**PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES**

**LUMENS TABULATION - (Cont.)**

<b>-85</b>	0.03	0.00	5.83
<b>-90</b>			
<b>Total</b>	24.81	0.35	13043.82

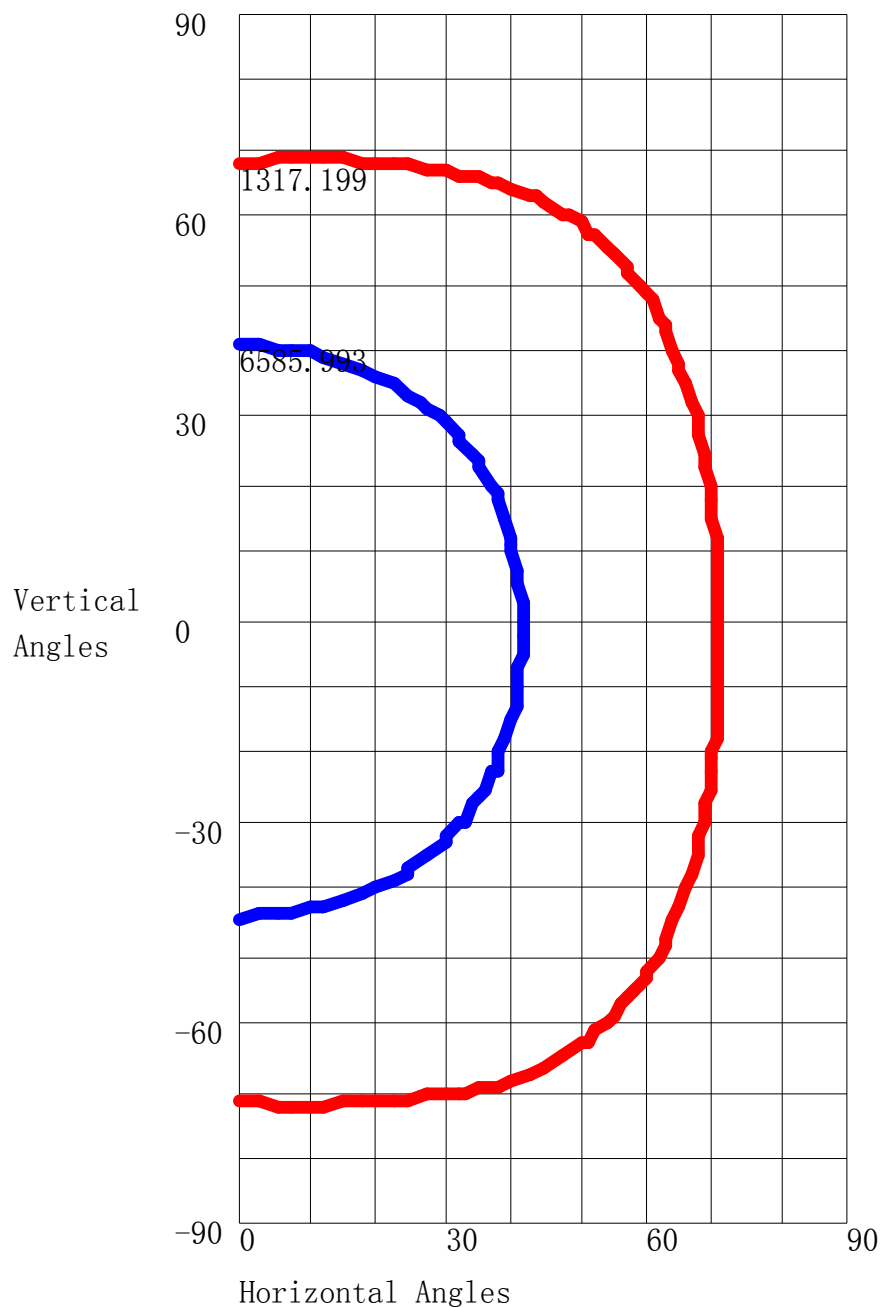
IES FLOOD REPORT  
PHOTOMETRIC FILENAME : GC201-200W-P540-D1-PCC-HK-B90(5050).IES

AXIAL CANDELA DISPLAY



Maximum Candela = 13171.986 Located At Horizontal Angle =-3, Vertical Angle =-3  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 13171.986 Located At Horizontal Angle =-3, Vertical Angle =-3  
50% Maximum Candela = 6585.993  
10% Maximum Candela = 1317.1986