

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES****DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-1995

[TEST]

[DATE] 2017-9-15

[MANUFAC] JK Lighting

[LUMCAT] HighBay

[LUMINAIRE] GC301-250W-P540-D1-PCC-HK-B60(5050)

[LAMPCAT] LED

[LAMP] Philips

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

**CHARACTERISTICS**

NEMA Type	6 H x 6 V
Maximum Candela	35065.162
Maximum Candela Angle	-3H -3V
Horizontal Beam Angle (50%)	43.7
Vertical Beam Angle (50%)	43.0
Horizontal Field Angle (10%)	103.8
Vertical Field Angle (10%)	104.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	11715
Beam Efficiency	N.A.
Field Lumens	27104
Field Efficiency	N.A.
Spill Lumens	4549
Luminaire Lumens	31653
Total Efficiency	N.A.
Total Luminaire Watts	263.1
Ballast Factor	1.00

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES****AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	4.113	90	1.379
85	130.28	85	45.84
75	1026.48	75	704.8
65	2561.38	65	2063.58
55	3284.36	55	3054.35
47.5	3709.775	47.5	3567.435
42.5	4111.875	42.5	3938.17
37.5	5040.73	37.5	4574.29
33	6875.594	33	5887.39
29	9671.314	29	8017.556
25.5	13217.843	25.5	10909.942
22.5	17127.865	22.5	14411.27
19.5	21152.566	19.5	18182.971
17	24259.196	17	21600.825
15	26744.5	15	24335.109
13	28573.576	13	26490.365
11	30402.651	11	28645.622
9	31776.867	9	30395.562
7	32696.222	7	31740.185
5	33615.578	5	33084.809
3	34131.198	3	33812.737
1	34646.819	1	34540.665
0	34904.629	0	34904.629
-1	34611.433	-1	34781.927
-3	34025.04	-3	34536.524
-5	33438.648	-5	34291.121
-7	32351.377	-7	33394.916
-9	31264.106	-9	32498.711
-11	29771.515	-11	31226.145
-13	27873.602	-13	29577.217
-15	25975.689	-15	27928.289
-17	23382.941	-17	25495.737
-19.5	20142.007	-19.5	22455.048
-22.5	16148.345	-22.5	18386.435
-25.5	12363.777	-25.5	14379.908
-29	9290.126	-29	10557.544
-33	6605.382	-33	7496.756
-37.5	4816.355	-37.5	5397.795
-42.5	3993.66	-42.5	4292.02
-47.5	3640.62	-47.5	3819.15
-55	3258.62	-55	3343.86
-65	2486.59	-65	2586.47
-75	969.87	-75	1041.6
-85	102.61	-85	188.67
-90	1.652	-90	12.733

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES****CANDELA TABULATION**

Maximum Candela = 35065.162

Beam Edge = 17532.581 Cd (50% of Max.)

Field Edge = 3506.5162 Cd (10% of Max.)

\* Indicates Values Inside Field Edge

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>-90.0</u></b>	<b><u>-85.0</u></b>	<b><u>-75.0</u></b>	<b><u>-65.0</u></b>	<b><u>-55.0</u></b>	<b><u>-47.5</u></b>	<b><u>-42.5</u></b>	<b><u>-37.5</u></b>	<b><u>-33.0</u></b>	<b><u>-29.0</u></b>
<b>90.0</b>	1.450	1.449	1.441	1.424	1.398	1.373	1.366	1.370	1.374	1.376
<b>85.0</b>	1.468	9.764	23.323	32.566	37.429	38.298	39.280	41.521	43.202	44.426
<b>75.0</b>	1.502	26.218	66.919	154.293	281.153	372.111	502.786	605.324	677.079	725.115
<b>65.0</b>	1.535	42.048	166.105	421.358	934.013	1389.378	1718.848	1912.073	2049.349	2149.118
<b>55.0</b>	1.566	56.840	305.995	908.151	1792.427	2560.172	3072.803	3524.000	*3744.463	*3868.363 *
<b>47.5</b>	1.587	67.008	405.651	1280.868	2443.724	3377.024	4033.022	*4484.333	*4630.508	*4530.035 *
<b>42.5</b>	1.599	73.252	518.917	1518.701	2842.327	3838.184	*4306.574	*4709.032	*4801.755	*4660.818 *
<b>37.5</b>	1.611	79.013	620.869	1728.640	3143.764	4024.008	*4444.764	*4643.851	*4726.963	*4620.312 *
<b>33.0</b>	1.620	83.747	702.289	1914.289	3362.976	4139.083	*4393.404	*4524.463	*4547.224	*4659.810 *
<b>29.0</b>	1.627	87.569	766.033	2067.050	3507.155	*4127.827	*4343.449	*4405.374	*4538.466	*4668.780 *
<b>25.5</b>	1.633	90.598	814.924	2182.542	3537.443	*4086.442	*4259.011	*4359.687	*4559.470	*4985.921 *
<b>22.5</b>	1.637	92.948	851.604	2267.659	3548.876	*4049.242	*4195.796	*4376.016	*4696.681	*5267.972 *
<b>19.5</b>	1.641	95.064	883.393	2339.733	3547.125	*4009.982	*4140.473	*4396.380	*4933.832	*5760.908 *
<b>17.0</b>	1.644	96.642	906.115	2389.720	3535.879	*3970.320	*4099.741	*4415.380	*5120.622	*6476.496 *
<b>15.0</b>	1.646	97.780	921.817	2423.076	3520.705	*3932.153	*4091.503	*4434.492	*5261.064	*6997.755 *
<b>13.0</b>	1.647	98.806	935.315	2450.524	3500.263	3894.811	*4090.273	*4533.015	*5391.801	*7468.780 *
<b>11.0</b>	1.649	101.561	946.611	2472.069	3474.795	3857.885	*4086.751	*4619.577	*5671.201	*7885.111 *
<b>9.0</b>	1.650	101.750	955.714	2487.730	3444.578	3820.928	*4080.248	*4692.743	*5974.254	*8242.317 *
<b>7.0</b>	1.651	101.940	962.631	2497.539	3409.916	3783.454	*4070.026	*4751.029	*6220.905	*8596.168 *
<b>5.0</b>	1.652	102.131	973.982	2501.545	3371.144	3744.948	*4055.312	*4792.929	*6408.485	*8920.037 *
<b>3.0</b>	1.652	102.322	972.340	2506.077	3331.908	3704.873	*4035.313	*4816.951	*6534.733	*9146.371 *
<b>1.0</b>	1.652	102.514	970.694	2493.090	3283.069	3662.682	*4009.230	*4821.663	*6597.876	*9269.158 *
<b>0.0</b>	1.652	102.610	969.870	2486.590	3258.620	3640.620	*3993.660	*4816.355	*6605.382	*9290.126 *
<b>-1.0</b>	1.652	102.610	974.464	2501.739	3285.096	3662.467	*4013.428	*4839.761	*6636.435	*9340.411 *
<b>-3.0</b>	1.652	103.134	983.645	2532.011	3337.984	3704.170	*4047.567	*4870.185	*6649.066	*9354.036 *
<b>-5.0</b>	1.652	103.483	992.807	2544.561	3382.149	3743.582	*4074.608	*4878.143	*6594.617	*9246.137 *
<b>-7.0</b>	1.651	103.831	988.713	2557.446	3426.483	3781.139	*4094.696	*4863.070	*6472.378	*9011.748 *
<b>-9.0</b>	1.650	104.177	988.988	2564.216	3467.847	3817.271	*4108.013	*4824.604	*6282.370	*8731.771 *
<b>-11.0</b>	1.649	104.521	986.886	2564.737	3506.208	3852.392	*4114.765	*4762.591	*6025.321	*8450.366 *
<b>-13.0</b>	1.647	102.213	982.356	2558.896	3541.544	*3886.895	*4115.182	*4677.080	*5777.624	*8092.390 *
<b>-15.0</b>	1.646	101.669	975.352	2546.593	3573.841	*3921.145	*4109.513	*4568.316	*5658.564	*7660.885 *
<b>-17.0</b>	1.644	100.994	965.835	2527.753	3603.094	*3955.478	*4109.513	*4546.062	*5512.438	*7159.498 *
<b>-19.5</b>	1.641	99.967	950.354	2494.917	3635.387	*3997.731	*4146.090	*4514.794	*5293.171	*6440.700 *
<b>-22.5</b>	1.637	98.466	926.452	2441.806	3667.909	*4049.668	*4193.837	*4465.763	*4979.307	*5882.438 *
<b>-25.5</b>	1.633	96.673	896.688	2373.710	3693.711	*4104.810	*4246.549	*4405.347	*4763.041	*5474.645 *
<b>-29.0</b>	1.627	94.216	854.518	2275.410	3715.474	*4173.990	*4314.991	*4413.478	*4665.107	*4961.634 *
<b>-33.0</b>	1.620	90.932	796.536	2138.541	3636.512	*4237.553	*4404.477	*4506.863	*4567.467	*4813.173 *
<b>-37.5</b>	1.611	86.647	718.995	1968.543	3502.745	4235.235	*4520.775	*4632.939	*4705.490	*4645.074 *
<b>-42.5</b>	1.599	81.180	617.983	1777.578	3311.342	4202.702	*4538.688	*4802.609	*4824.641	*4655.068 *
<b>-47.5</b>	1.587	75.007	502.060	1554.857	2910.375	3901.997	*4478.568	*4802.078	*4807.796	*4652.533 *
<b>-55.0</b>	1.566	64.530	392.082	1179.900	2241.459	3190.678	3847.097	*4213.124	*4303.591	*4327.878 *
<b>-65.0</b>	1.536	48.600	227.409	624.529	1355.165	1962.818	2380.394	2586.002	2739.030	2843.657
<b>-75.0</b>	1.502	30.941	102.228	263.196	518.090	730.244	931.853	1054.399	1135.407	1185.145
<b>-85.0</b>	1.468	12.194	37.934	68.572	102.899	130.180	144.893	154.677	162.516	168.677
<b>-90.0</b>	1.450	2.648	5.053	7.467	9.889	11.709	12.344	12.399	12.446	12.487

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>-25.5</u></b>	<b><u>-22.5</u></b>	<b><u>-19.5</u></b>	<b><u>-17.0</u></b>	<b><u>-15.0</u></b>	<b><u>-13.0</u></b>	<b><u>-11.0</u></b>	<b><u>-9.0</u></b>	<b><u>-7.0</u></b>	<b><u>-5.0</u></b>
<b>90.0</b>	1.378	1.379	1.380	1.381	1.381	1.381	1.381	1.381	1.381	1.380

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## CANDELA TABULATION - (Cont.)

85.0	45.287	45.871	46.312	46.572	46.709	46.786	47.656	47.326	46.995	46.665
75.0	755.496	773.272	783.790	787.286	786.809	783.560	777.677	769.302	758.580	751.194
65.0	2213.741	2252.245	2275.222	2282.609	2280.905	2272.524	2257.563	2236.139	2208.380	2174.435
55.0	3846.512	*3809.140	*3755.020	*3697.567	*3643.840	*3583.502	*3516.862	*3444.259	3366.064	3282.679
47.5	4405.544	*4304.342	*4206.947	*4122.588	*4051.734	*3984.595	*3920.218	*3857.582	*3795.610	*3733.178 *
42.5	4500.324	*4386.050	*4291.338	*4225.607	*4192.883	*4165.710	*4137.862	*4108.603	*4077.160	*4042.729 *
37.5	4516.415	*4485.901	*4462.569	*4447.384	*4440.103	*4501.491	*4550.870	*4587.439	*4610.427	*4619.122 *
33.0	4644.581	*4733.547	*4911.638	*5043.375	*5136.410	*5217.298	*5420.839	*5632.491	*5785.617	*5881.604 *
29.0	5028.912	*5256.851	*5674.381	*6286.428	*6702.208	*7049.731	*7327.329	*7534.225	*7748.780	*7948.516 *
25.5	5396.766	*6317.864	*7256.642	*7921.458	*8535.781	*9155.379	*9696.311	*10150.226	*10508.853	*10764.376 *
22.5	6329.973	*7543.869	*8720.701	*9779.647	*10557.318	*11263.313	*11928.203	*12634.174	*13347.817	*14058.481 *
19.5	7374.121	*8793.626	*10415.962	*11614.656	*12801.653	*14192.048	*15405.207	*16420.724	*17219.296	*17784.488 *
17.0	8175.429	*9990.863	*11732.572	*13685.749	*15382.312	*16910.378	*18252.437	*19434.939	*20399.440	*21107.571 *
15.0	8912.131	*10893.997	*13052.765	*15512.342	*17356.054	*19029.204	*20550.324	*21870.797	*22952.678	*23756.621 *
13.0	9657.730	*11738.946	*14605.236	*17217.783	*19199.224	*21086.073	*22767.888	*24238.175	*25383.554	*26066.377 *
11.0	10333.289	*12557.248	*16011.935	*18778.607	*20910.468	*22947.947	*24860.188	*26271.584	*27324.301	*28121.606 *
9.0	10929.345	*13644.641	*17250.928	*20166.957	*22431.169	*24620.083	*26459.158	*27975.283	*29194.758	*30139.599 *
7.0	11435.944	*14555.890	*18299.224	*21340.767	*23725.451	*25975.316	*27704.299	*29374.711	*30906.520	*31529.690 *
5.0	11843.010	*15274.993	*19134.095	*22270.772	*24756.122	*26862.336	*28694.759	*30501.539	*31697.049	*32756.976 *
3.0	12140.817	*15787.957	*19726.744	*22932.031	*25488.792	*27483.291	*29381.423	*31070.978	*32213.867	*33387.605 *
1.0	12320.551	*16083.960	*20067.338	*23306.387	*25939.726	*27816.682	*29728.806	*31264.845	*32392.465	*33608.005 *
0.0	12363.777	*16148.345	*20142.007	*23382.941	*25975.689	*27873.602	*29771.515	*31264.106	*32351.377	*33438.648 *
-1.0	12462.287	*16269.774	*20296.039	*23549.643	*26197.196	*28058.176	*29946.482	*31471.202	*32614.346	*33853.969 *
-3.0	12557.003	*16340.024	*20412.549	*23661.101	*26260.851	*28222.464	*30056.540	*31692.314	*32881.045	*34130.599 *
-5.0	12507.184	*16177.653	*20269.144	*23483.686	*26038.794	*28139.702	*29886.348	*31576.922	*32813.556	*33987.710 *
-7.0	12305.917	*15784.496	*19835.613	*23034.598	*25513.443	*27848.487	*29491.829	*31054.917	*32477.505	*33072.901 *
-9.0	11949.756	*15167.429	*19142.512	*22238.216	*24718.384	*27046.748	*28926.398	*30368.099	*31308.539	*32071.324 *
-11.0	11438.651	*14337.471	*18206.972	*21399.347	*23690.711	*25888.035	*27992.308	*29193.053	*30990.026	*32062.760 *
-13.0	10775.604	*13598.858	*17049.782	*20111.447	*22466.653	*24530.618	*26161.826	*27549.857	*28593.539	*29129.937 *
-15.0	9966.114	*12722.415	*15693.346	*18611.985	*20877.603	*22749.867	*24186.303	*25439.188	*26474.677	*27258.050 *
-17.0	9148.456	*11689.457	*14365.272	*16929.668	*18875.834	*20578.576	*22102.005	*23267.653	*24198.305	*24896.918 *
-19.5	8350.319	*10197.224	*12722.810	*14634.833	*16143.480	*17691.170	*19064.076	*20239.382	*21194.358	*21908.037 *
-22.5	7259.315	*8764.120	*10385.268	*12042.764	*13250.167	*14338.425	*15318.139	*16355.339	*17193.708	*17818.984 *
-25.5	6217.747	*7407.653	*8591.590	*9484.718	*10430.193	*11409.267	*12264.717	*12986.720	*13566.251	*13995.632 *
-29.0	5612.175	*6077.230	*6718.260	*7519.680	*8095.069	*8607.046	*9051.135	*9423.139	*9824.494	*10204.167 *
-33.0	4931.761	*5180.054	*5557.445	*5843.689	*6051.640	*6238.799	*6554.288	*6879.010	*7137.511	*7327.758 *
-37.5	4616.357	*4682.042	*4746.222	*4796.900	*4839.290	*4989.755	*5119.367	*5226.666	*5310.237	*5368.751 *
-42.5	4539.269	*4457.471	*4390.219	*4343.883	*4346.176	*4358.668	*4366.558	*4369.060	*4365.370	*4354.675 *
-47.5	4509.677	*4402.573	*4307.884	*4237.261	*4185.037	*4135.384	*4087.549	*4040.729	*3994.075	*3946.704 *
-55.0	4234.319	*4149.771	*4060.725	*3982.765	*3917.761	*3850.282	*3780.209	*3707.433	*3631.849	*3553.359 *
-65.0	2904.046	2933.360	2942.699	2935.826	2921.132	2898.601	2868.572	2831.404	2787.479	2737.199
-75.0	1212.336	1224.159	1225.988	1220.326	1211.372	1198.709	1182.552	1163.129	1140.667	1122.086
-85.0	173.422	176.997	180.109	182.343	183.892	185.229	189.617	189.445	189.273	189.101
-90.0	12.521	12.550	12.577	12.599	12.617	12.634	12.650	12.666	12.681	12.697

## 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	1.380	1.379	1.379	1.383	1.389	1.396	1.403	1.409	1.415	1.422
85.0	46.335	46.005	45.840	45.790	45.689	45.589	45.489	45.388	45.288	44.061
75.0	732.640	714.080	704.800	712.489	727.867	743.240	747.550	755.211	760.591	763.562
65.0	2140.822	2089.332	2063.580	2088.859	2139.402	2172.006	2204.896	2231.515	2251.693	2265.279
55.0	3198.799	3102.519	3054.350	3100.991	3194.219	3275.046	3355.381	3430.529	3500.090	3563.696 *
47.5	3669.126	*3602.278	*3567.435	*3603.099	*3671.509	*3736.885	*3800.248	*3862.609	*3924.948	*3988.210 *
42.5	4004.486	*3961.606	*3938.170	*3963.168	*4009.210	*4050.723	*4088.603	*4123.741	*4157.004	*4189.224 *
37.5	4612.875	*4591.125	*4574.290	*4590.663	*4611.676	*4617.745	*4609.782	*4588.771	*4555.729	*4511.692 *
33.0	5922.593	*5911.445	*5887.390	*5901.666	*5894.502	*5838.891	*5734.292	*5580.678	*5378.525	*5188.796 *

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES**

**CANDELA TABULATION - (Cont.)**

29.0	8051.768	*8054.652	*8017.556	*8031.708	*7982.900	*7833.618	*7587.682	*7336.996	*7115.475	*6838.852	*
25.5	10909.860	*10939.692	*10909.942	*10916.121	*10839.114	*10646.361	*10343.414	*9937.153	*9435.342	*8846.209	*
22.5	14359.040	*14446.754	*14411.270	*14409.974	*14251.367	*13887.698	*13326.200	*12577.600	*11655.124	*10944.978	*
19.5	18135.700	*18234.383	*18182.971	*18181.345	*17975.728	*17519.351	*16873.492	*16016.582	*14967.879	*13747.902	*
17.0	21532.845	*21655.902	*21600.825	*21604.508	*21377.511	*20844.997	*20024.602	*18941.645	*17648.478	*16293.126	*
15.0	24246.267	*24438.537	*24335.109	*24388.891	*24095.410	*23500.412	*22584.770	*21383.626	*19935.881	*18279.609	*
13.0	26470.639	*26564.898	*26490.365	*26513.407	*26315.930	*25807.778	*25020.055	*23756.987	*22156.351	*20375.412	*
11.0	28605.892	*28728.589	*28645.622	*28674.634	*28443.875	*27851.083	*26944.584	*25781.814	*24273.149	*22460.702	*
9.0	30524.251	*30513.500	*30395.562	*30457.219	*30353.723	*29852.273	*28792.849	*27472.271	*26081.690	*24348.785	*
7.0	31882.195	*31885.129	*31740.185	*31826.950	*31705.283	*31228.409	*30481.449	*29084.913	*27533.427	*25911.862	*
5.0	33246.225	*33343.871	*33084.809	*33283.152	*33057.858	*32437.566	*31500.828	*30436.131	*28739.015	*27005.916	*
3.0	34234.073	*34020.561	*33812.737	*33958.020	*34029.206	*33277.346	*32231.341	*31231.099	*29651.325	*27842.190	*
1.0	34152.368	*34681.065	*34540.665	*34612.819	*34156.012	*33680.093	*32622.443	*31654.338	*30236.390	*28400.417	*
0.0	34025.040	*34611.433	*34904.629	*34646.819	*34131.198	*33615.578	*32696.222	*31776.867	*30402.651	*28573.576	*
-1.0	34406.331	*34958.515	*34781.927	*34899.425	*34418.308	*33934.127	*32856.697	*31875.216	*30464.833	*28646.178	*
-3.0	35065.162	*34725.090	*34536.524	*34670.893	*34889.021	*34052.501	*32938.746	*31897.740	*30355.105	*28591.846	*
-5.0	34424.905	*34493.509	*34291.121	*34440.891	*34268.836	*33736.882	*32692.621	*31584.197	*29967.471	*28293.603	*
-7.0	33420.106	*33476.678	*33394.916	*33430.964	*33283.742	*32847.558	*32170.516	*30836.860	*29353.031	*27786.146	*
-9.0	32454.834	*32538.602	*32498.711	*32497.024	*32330.198	*31857.674	*30979.425	*29917.520	*28562.577	*26748.402	*
-11.0	31059.948	*31241.166	*31226.145	*31198.179	*30927.142	*30394.680	*29643.057	*28717.237	*27380.307	*25326.958	*
-13.0	29477.084	*29603.860	*29577.217	*29556.749	*29333.139	*28881.944	*28231.183	*27040.807	*25474.111	*23684.503	*
-15.0	27757.739	*27990.207	*27928.289	*27940.148	*27602.686	*26986.602	*26069.602	*24880.053	*23451.614	*21818.617	*
-17.0	25340.675	*25513.454	*25495.737	*25455.500	*25163.774	*24592.376	*23752.925	*22665.238	*21341.436	*19760.463	*
-19.5	22315.248	*22468.387	*22455.048	*22402.926	*22116.682	*21574.889	*20749.074	*19700.522	*18452.527	*17028.804	*
-22.5	18219.926	*18389.399	*18386.435	*18337.235	*18065.635	*17568.986	*16858.126	*15947.255	*14852.744	*13837.262	*
-25.5	14269.057	*14383.057	*14379.908	*14344.732	*14155.828	*13812.626	*13321.656	*12691.316	*11931.308	*11052.091	*
-29.0	10448.649	*10555.735	*10557.544	*10531.236	*10376.369	*10087.702	*9669.648	*9236.737	*8840.597	*8381.598	*
-33.0	7448.290	*7498.283	*7496.756	*7485.032	*7409.268	*7265.142	*7054.841	*6781.074	*6446.968	*6126.797	*
-37.5	5400.991	*5405.886	*5397.795	*5400.351	*5384.699	*5342.635	*5275.824	*5186.041	*5075.121	*4944.926	*
-42.5	4336.163	*4309.045	*4292.020	*4307.701	*4332.247	*4348.538	*4357.588	*4360.422	*4358.057	*4351.480	*
-47.5	3897.708	*3846.165	*3819.150	*3845.728	*3896.370	*3944.391	*3990.663	*4036.047	*4081.382	*4127.472	*
-55.0	3475.356	*3387.710	*3343.860	*3384.961	*3467.113	*3539.139	*3611.307	*3679.941	*3744.968	*3806.330	*
-65.0	2686.649	*2619.869	*2586.470	*2613.638	*2667.959	*2706.184	*2744.246	*2776.141	*2801.516	*2820.043	*
-75.0	1089.897	*1057.700	*1041.600	*1054.351	*1079.851	*1105.344	*1117.467	*1133.505	*1146.656	*1156.724	*
-85.0	188.928	*188.756	*188.670	*188.135	*187.066	*185.997	*184.927	*183.858	*182.789	*177.323	*
-90.0	12.711	*12.726	*12.733	*12.596	*12.322	*12.048	*11.774	*11.499	*11.224	*10.949	*

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	1.428	1.434	1.441	1.450	1.459	1.468	1.479	1.491	1.503	1.647
85.0	43.593	43.076	42.361	41.405	40.345	38.984	37.270	35.154	32.587	33.338
75.0	763.994	761.765	755.061	740.984	720.007	686.397	635.410	561.373	457.707	338.008
65.0	2272.133	2272.136	2262.352	2236.044	2193.658	2123.735	2016.794	1870.023	1665.972	1344.188
55.0	3621.004	*3671.708	*3725.393	*3775.009	*3807.893	*3824.533	*3703.259	*3490.200	3060.077	2552.213
47.5	4053.290	*4121.033	*4200.760	*4291.186	*4383.148	*4493.810	*4578.601	*4429.616	*3990.717	*3365.322
42.5	4221.188	*4257.468	*4320.823	*4409.305	*4513.451	*4657.007	*4777.931	*4667.173	*4267.250	*3812.583
37.5	4457.694	*4469.513	*4491.082	*4523.514	*4564.753	*4664.301	*4745.732	*4638.175	*4416.749	*4000.284
33.0	5111.488	*5024.985	*4905.778	*4749.315	*4679.532	*4709.709	*4606.085	*4552.044	*4392.703	*4117.304
29.0	6509.270	*6129.282	*5587.740	*5221.667	*5022.990	*4713.501	*4599.288	*4459.257	*4365.334	*4120.777
25.5	8178.063	*7541.467	*6942.095	*6127.140	*5366.844	*5015.159	*4625.669	*4427.207	*4298.206	*4095.572
22.5	10189.259	*9361.566	*8239.637	*7190.161	*6199.791	*5297.686	*4768.202	*4451.071	*4247.260	*4071.206
19.5	12377.008	*1181.760	*9977.629	*8400.489	*7152.895	*5773.849	*5015.176	*4482.682	*4201.838	*4043.768
17.0	14783.907	*13193.393	*11430.737	*9723.918	*7911.619	*6444.884	*5218.351	*4513.657	*4167.591	*4012.490
15.0	16655.117	*15049.014	*12840.146	*10752.568	*8716.316	*6948.420	*5376.979	*4543.813	*4164.907	*3979.449
13.0	18593.955	*16825.791	*14458.395	*11744.613	*9582.418	*7417.486	*5530.033	*4654.380	*4170.069	*3946.583
11.0	20523.461	*18503.622	*15967.052	*12722.339	*10391.396	*7847.060	*5815.941	*4755.071	*4173.239	*3913.535

# IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES

## CANDELA TABULATION - (Cont.)

9.0	22256.79220092.07917344.13313917.1021131.1018231.706	*6125.882	*4843.949	*4173.516	*3879.913	*
7.0	23759.13821473.59618564.65314959.42811787.8918657.246	*6388.361	*4918.943	*4169.927	*3845.296	*
5.0	24995.47722610.68619601.42515829.40712347.0029082.838	*6599.253	*4977.897	*4161.447	*3809.241	*
3.0	25934.90023481.39420407.41516507.62412793.1249404.856	*6754.601	*5018.609	*4147.016	*3771.288	*
1.0	26596.91724071.29820965.78316976.52413111.2159612.962	*6850.748	*5038.901	*4125.566	*3730.968	*
0.0	26744.50024259.19621152.56617127.86513217.8439671.314	*6875.594	*5040.730	*4111.875	*3709.775	*
-1.0	26853.98724308.28121182.77317148.12513239.6379682.855	*6886.394	*5052.975	*4127.621	*3729.903	*
-3.0	26702.90724189.84921056.85617016.64113170.9859609.539	*6859.771	*5059.873	*4152.904	*3768.071	*
-5.0	26263.44623783.51620672.44616658.97512952.5899407.569	*6768.713	*5043.510	*4170.338	*3803.813	*
-7.0	25511.31423100.12820007.49316083.00012586.5949078.280	*6613.612	*5004.261	*4180.458	*3837.556	*
-9.0	24474.75822159.38619109.22415300.46812077.4978730.591	*6395.473	*4942.658	*4183.823	*3869.724	*
-11.0	23188.18920975.43417998.80014325.9211431.7598413.459	*6115.869	*4859.363	*4180.996	*3900.725	*
-13.0	21687.21019528.82716698.84013436.96110657.3148028.458	*5846.408	*4755.152	*4172.533	*3930.946	*
-15.0	19950.28417911.49715231.82612444.5429763.061	*5759.203	*5699.073	*4630.894	*4158.977	*3960.752
-17.0	18026.98616149.16613820.52311334.8038901.230	*7069.648	*5530.521	*4595.065	*4152.647	*3990.475
-19.5	15452.09613940.94912133.2229801.066	*8104.294	*6354.221	*5292.088	*4550.318	*4182.737
-22.5	12732.87211528.4919900.878	*8391.665	*7038.833	*5793.643	*4968.809	*4490.782
-25.5	10064.3709123.349	*8249.087	*7114.615	*6037.383	*5390.201	*4751.088
-29.0	7864.744	*7295.025	*6515.909	*5903.376	*5472.443	*4903.339
-33.0	5935.810	*5728.995	*5451.500	*5095.674	*4870.692	*4778.631
-37.5	4797.303	*4756.033	*4709.537	*4655.034	*4604.282	*4637.548
-42.5	4341.644	*4341.737	*4385.544	*4448.700	*4525.176	*4633.154
-47.5	4175.083	*4224.933	*4289.387	*4372.209	*4464.037	*4584.496
-55.0	3863.983	*3917.895	*3980.005	*4046.798	*4105.213	*4162.955
-65.0	2831.408	2835.323	2829.331	2805.561	2763.039	2688.947
-75.0	1163.517	1166.849	1165.880	1156.752	1138.440	1104.822
-85.0	174.834	172.157	168.558	163.878	158.822	152.475
-90.0	10.673	10.396	10.050	9.634	9.218	8.731

## 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	2.055	2.588	3.108	3.613	3.860
85.0	36.984	36.196	28.505	13.786	3.882
75.0	268.077	160.490	79.321	33.944	3.925
65.0	903.799	425.661	184.494	53.404	3.967
55.0	1797.396	908.473	330.162	71.690	4.005
47.5	2462.568	1299.547	435.067	84.345	4.031
42.5	2864.071	1557.239	549.606	92.163	4.047
37.5	3156.877	1787.116	653.312	99.417	4.061
33.0	3370.258	1979.220	736.705	105.415	4.072
29.0	3511.271	*2132.352	802.498	110.289	4.081
25.5	3543.246	*2248.101	853.390	114.177	4.088
22.5	3556.213	*2333.448	891.924	117.215	4.094
19.5	3556.110	*2405.819	925.680	119.969	4.098
17.0	3546.352	*2456.153	950.116	122.040	4.102
15.0	3532.466	*2489.881	967.232	123.546	4.104
13.0	3513.411	*2517.810	982.174	124.914	4.107
11.0	3489.446	2539.968	994.941	128.438	4.108
9.0	3460.864	2556.401	1005.534	128.769	4.110
7.0	3427.986	2567.165	1013.956	129.103	4.111
5.0	3391.164	2572.335	1026.853	129.438	4.112
3.0	3353.822	2577.944	1026.704	129.775	4.113
1.0	3307.532	2566.905	1026.555	130.280	4.113
0.0	3284.360	2561.380	1026.480	130.280	4.113
-1.0	3308.859	2573.121	1029.870	130.347	4.113
-3.0	3357.798	2596.583	1036.646	130.481	4.113

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES****CANDELA TABULATION - (Cont.)**

<b>-5.0</b>	3398.397	2603.285	1043.407	130.614	4.112
<b>-7.0</b>	3438.912	2610.314	1036.896	130.747	4.111
<b>-9.0</b>	3476.271	2611.573	1034.806	130.880	4.110
<b>-11.0</b>	3510.330	*2606.936	1030.377	131.012	4.108
<b>-13.0</b>	3540.962	*2596.300	1023.573	127.874	4.107
<b>-15.0</b>	3568.055	*2579.575	1014.360	126.923	4.105
<b>-17.0</b>	3591.515	*2556.690	1002.706	125.818	4.102
<b>-19.5</b>	3615.620	*2519.341	984.676	124.223	4.099
<b>-22.5</b>	3636.748	*2461.625	957.914	121.998	4.094
<b>-25.5</b>	3649.271	*2389.818	925.537	119.438	4.088
<b>-29.0</b>	3652.976	*2288.329	880.667	116.037	4.082
<b>-33.0</b>	3560.064	*2149.326	820.100	111.618	4.072
<b>-37.5</b>	3410.741	1973.229	740.340	105.991	4.061
<b>-42.5</b>	3201.111	1766.037	637.762	98.967	4.047
<b>-47.5</b>	2806.833	1530.174	521.244	91.179	4.031
<b>-55.0</b>	2149.369	1147.947	406.865	78.200	4.006
<b>-65.0</b>	1274.933	607.062	238.535	58.836	3.967
<b>-75.0</b>	479.186	256.491	109.681	37.688	3.926
<b>-85.0</b>	92.405	66.049	40.090	15.440	3.883
<b>-90.0</b>	5.908	5.321	4.734	4.150	3.861

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES****LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 15826.34

Total Field Lumens (one side of beam only) = 13552.05

\* 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	0.04	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08
75	1.15	2.34	2.38	2.41	2.43	2.44	2.44	2.42	2.40	2.95
65	4.24	8.63	8.80	8.91	8.98	9.03	9.04	9.01	8.94	11.01
55	7.85	16.02	16.39	16.69	16.95	17.15	17.29	17.37	17.38	21.64
47.5	7.61	15.49	15.82	16.10 *	16.35 *	16.57 *	16.75 *	16.90 *	17.01 *	21.36 *
42.5	5.74 *	11.60 *	11.74 *	11.86 *	11.96 *	12.03 *	12.09 *	12.14 *	12.17 *	15.25 *
37.5	6.50 *	13.07 *	13.13 *	13.15 *	13.12 *	13.05 *	12.95 *	12.81 *	12.70 *	15.80 *
33	7.18 *	14.40 *	14.36 *	14.21 *	13.96 *	13.60 *	13.18 *	12.82 *	12.56 *	15.36 *
29	8.48 *	16.97 *	16.82 *	16.47 *	15.97 *	15.40 *	14.76 *	14.11 *	13.45 *	15.75 *
25.5	10.10 *	20.17 *	19.93 *	19.45 *	18.78 *	17.99 *	17.07 *	15.99 *	14.81 *	16.88 *
22.5	11.58 *	23.08 *	22.72 *	22.06 *	21.09 *	19.85 *	18.53 *	17.22 *	15.83 *	17.83 *
19.5	14.90 *	29.68 *	29.16 *	28.22 *	26.88 *	25.15 *	23.26 *	21.30 *	19.29 *	21.50 *
17	15.16 *	30.19 *	29.68 *	28.74 *	27.40 *	25.70 *	23.73 *	21.52 *	19.22 *	21.07 *
15	14.01 *	27.91 *	27.42 *	26.53 *	25.28 *	23.70 *	21.88 *	19.90 *	17.80 *	19.25 *
13	15.50 *	30.90 *	30.43 *	29.55 *	28.23 *	26.50 *	24.46 *	22.25 *	19.97 *	21.62 *
11	16.81 *	33.53 *	33.07 *	32.19 *	30.88 *	29.11 *	26.95 *	24.55 *	22.04 *	23.93 *
9	18.01 *	35.97 *	35.54 *	34.57 *	33.14 *	31.37 *	29.21 *	26.67 *	23.96 *	26.06 *
7	18.96 *	37.92 *	37.56 *	36.67 *	35.18 *	33.25 *	31.08 *	28.53 *	25.66 *	27.94 *
5	19.80 *	39.61 *	39.17 *	38.25 *	36.80 *	34.81 *	32.54 *	30.00 *	27.07 *	29.52 *
3	20.44 *	40.97 *	40.48 *	39.31 *	37.84 *	35.95 *	33.62 *	31.09 *	28.18 *	30.76 *
1	20.86 *	41.68 *	41.10 *	39.90 *	38.41 *	36.63 *	34.34 *	31.85 *	28.95 *	31.63 *
0	10.56 *	20.93 *	20.57 *	20.02 *	19.31 *	18.46 *	17.34 *	16.10 *	14.66 *	16.03 *
-1	10.60 *	21.01 *	20.65 *	20.10 *	19.37 *	18.52 *	17.41 *	16.18 *	14.73 *	16.12 *
-3	21.16 *	42.32 *	41.74 *	40.48 *	38.95 *	37.16 *	34.91 *	32.44 *	29.53 *	32.30 *
	21.02 *	42.16 *	41.71 *	40.48 *	38.92 *	37.05 *	34.79 *	32.29 *	29.34 *	32.10 *

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES**

**LUMENS TABULATION - (Cont.)**

<b>-5</b>	20.65 *	41.28 *	40.88 *	39.96 *	38.49 *	36.56 *	34.38 *	31.83 *	28.80 *	31.49 *
<b>-7</b>	20.08 *	40.10 *	39.71 *	38.89 *	37.57 *	35.77 *	33.63 *	30.98 *	27.94 *	30.51 *
<b>-9</b>	19.41 *	38.70 *	38.24 *	37.39 *	36.21 *	34.66 *	32.46 *	29.72 *	26.78 *	29.17 *
<b>-11</b>	18.52 *	36.89 *	36.44 *	35.67 *	34.53 *	32.92 *	30.75 *	28.15 *	25.33 *	27.48 *
<b>-13</b>	17.52 *	34.90 *	34.40 *	33.57 *	32.32 *	30.62 *	28.61 *	26.27 *	23.59 *	25.46 *
<b>-15</b>	16.28 *	32.38 *	31.84 *	30.93 *	29.67 *	28.10 *	26.22 *	24.03 *	21.57 *	23.27 *
<b>-17</b>	18.25 *	36.30 *	35.69 *	34.62 *	33.14 *	31.28 *	29.05 *	26.52 *	23.82 *	25.92 *
<b>-19.5</b>	18.65 *	37.06 *	36.37 *	35.19 *	33.54 *	31.48 *	29.18 *	26.70 *	24.10 *	26.38 *
<b>-22.5</b>	14.96 *	29.72 *	29.15 *	28.20 *	26.90 *	25.28 *	23.46 *	21.53 *	19.47 *	21.51 *
<b>-25.5</b>	13.28 *	26.39 *	25.88 *	25.04 *	23.94 *	22.68 *	21.26 *	19.63 *	17.90 *	20.09 *
<b>-29</b>	10.99 *	21.84 *	21.44 *	20.77 *	19.91 *	18.96 *	17.95 *	16.94 *	15.91 *	18.31 *
<b>-33</b>	8.84 *	17.61 *	17.42 *	17.07 *	16.58 *	15.95 *	15.25 *	14.60 *	14.08 *	16.92 *
<b>-37.5</b>	7.39 *	14.79 *	14.76 *	14.66 *	14.50 *	14.27 *	13.99 *	13.66 *	13.38 *	16.48 *
<b>-42.5</b>	6.19 *	12.47 *	12.56 *	12.61 *	12.64 *	12.64 *	12.61 *	12.57 *	12.52 *	15.60 *
<b>-47.5</b>	8.22 *	16.67 *	16.93 *	17.16 *	17.36 *	17.53 *	17.66 *	17.77 *	17.85 *	22.37 *
<b>-55</b>	9.09	18.50	18.86	19.17	19.43	19.64	19.79	19.88	19.92	24.85
<b>-65</b>	5.56	11.32	11.54	11.71	11.83	11.93	11.97	11.97	11.92	14.75
<b>-75</b>	1.88	3.83	3.91	3.96	4.00	4.03	4.04	4.03	4.01	4.96
<b>-85</b>	0.15	0.31	0.30	0.30	0.30	0.30	0.29	0.28	0.28	0.34
<b>-90</b>										
<b>Total</b>	544.20	1087.68	1076.79	1053.27	1019.1	975.14	922.24	862.56	796.89	899.61

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>	0.10	0.09	0.10	0.11	0.11	0.11	0.10	0.14	0.14	0.08
<b>85</b>	3.44	3.30	3.62	3.77	3.69	3.32	2.44	2.51	1.92	0.76
<b>75</b>	12.88	12.40	13.70	14.44	14.45	13.55	10.48	10.42	6.75	2.16
<b>65</b>	25.69	25.18	28.46	30.65	31.21	29.62	23.37	23.71	15.39	4.75
<b>55</b>	25.65 *	25.53 *	29.46 *	32.67 *	34.19 *	32.90 *	26.25	27.26	18.39	5.73
<b>47.5</b>	18.35 *	18.36 *	21.41 *	24.23 *	25.94 *	25.43 *	20.85 *	22.33	15.47	4.92

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

<b>42.5</b>	18.86 *	18.73 *	21.74 *	24.57 *	26.38 *	26.31 *	22.28 *	24.72	17.68	5.81
<b>37.5</b>	17.88 *	17.33 *	19.76 *	21.90 *	23.28 *	23.62 *	20.55 *	23.56 *	17.49	5.92
<b>33</b>	17.51 *	16.42 *	18.07 *	19.34 *	20.27 *	20.67 *	18.30 *	21.62 *	16.61	5.78
<b>29</b>	18.06 *	15.97 *	16.67 *	17.23 *	17.61 *	17.82 *	15.87 *	19.09 *	15.13	5.40
<b>25.5</b>	18.66 *	15.80 *	15.59 *	15.36 *	15.22 *	15.14 *	13.45 *	16.34 *	13.24	4.86
<b>22.5</b>	22.16 *	18.46 *	17.47 *	16.26 *	15.58 *	15.09 *	13.31 *	16.28 *	13.44	5.03
<b>19.5</b>	21.45 *	17.61 *	16.31 *	14.60 *	13.32 *	12.55 *	10.98 *	13.50 *	11.30	4.31
<b>17</b>	19.28 *	15.67 *	14.35 *	12.49 *	10.88 *	10.04 *	8.73 *	10.73 *	9.09	3.51
<b>15</b>	21.34 *	17.11 *	15.57 *	13.16 *	11.11 *	10.11 *	8.69 *	10.65 *	9.11	3.56
<b>13</b>	23.42 *	18.52 *	16.72 *	13.84 *	11.46 *	10.23 *	8.65 *	10.57 *	9.11	3.60
<b>11</b>	25.47 *	19.96 *	17.77 *	14.57 *	11.89 *	10.33 *	8.61 *	10.48 *	9.10	3.63
<b>9</b>	27.41 *	21.36 *	18.72 *	15.26 *	12.29 *	10.41 *	8.57 *	10.39 *	9.07	3.65
<b>7</b>	29.05 *	22.55 *	19.59 *	15.89 *	12.61 *	10.47 *	8.52 *	10.28 *	9.03	3.67
<b>5</b>	30.34 *	23.48 *	20.30 *	16.41 *	12.84 *	10.50 *	8.46 *	10.17 *	8.98	3.68
<b>3</b>	31.25 *	24.15 *	20.80 *	16.75 *	12.99 *	10.50 *	8.39 *	10.06 *	8.91	3.68
<b>1</b>	15.85 *	12.24 *	10.53 *	8.45 *	6.53 *	5.24 *	4.17 *	4.98 *	4.42	1.83
<b>0</b>	15.94 *	12.31 *	10.57 *	8.48 *	6.54 *	5.25 *	4.17 *	4.98 *	4.42	1.84
<b>-1</b>	31.93 *	24.67 *	21.18 *	16.97 *	13.11 *	10.55 *	8.40 *	10.06 *	8.93	3.70
<b>-3</b>	31.69 *	24.50 *	21.04 *	16.84 *	13.07 *	10.58 *	8.47 *	10.18 *	9.03	3.73
<b>-5</b>	31.03 *	24.01 *	20.63 *	16.50 *	12.94 *	10.59 *	8.53 *	10.29 *	9.11	3.74
<b>-7</b>	29.95 *	23.22 *	20.01 *	16.01 *	12.70 *	10.56 *	8.58 *	10.40 *	9.19	3.74
<b>-9</b>	28.49 *	22.13 *	19.24 *	15.44 *	12.37 *	10.49 *	8.62 *	10.50 *	9.24	3.74
<b>-11</b>	26.80 *	20.87 *	18.31 *	14.81 *	11.98 *	10.39 *	8.65 *	10.60 *	9.29	3.73
<b>-13</b>	24.93 *	19.48 *	17.18 *	14.19 *	11.64 *	10.26 *	8.68 *	10.69 *	9.32	3.71
<b>-15</b>	22.88 *	17.94 *	15.93 *	13.54 *	11.40 *	10.17 *	8.71 *	10.78 *	9.33	3.69
<b>-17</b>	25.61 *	20.22 *	18.22 *	15.88 *	13.93 *	12.68 *	10.95 *	13.58 *	11.67	4.55
<b>-19.5</b>	26.33 *	21.26 *	19.63 *	17.62 *	16.18 *	15.21 *	13.27 *	16.44 *	13.96	5.36
<b>-22.5</b>	22.01 *	18.23 *	17.45 *	16.45 *	15.63 *	15.19 *	13.42 *	16.59 *	13.87	5.22

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

<b>-25.5</b>	21.12 *	18.20 *	18.27 *	18.08 *	17.88 *	17.77 *	15.86 *	19.53 *	16.00	5.87
<b>-29</b>	19.83 *	18.01 *	19.12 *	19.80 *	20.32 *	20.58 *	18.39 *	22.37 *	17.81	6.35
<b>-33</b>	19.23 *	18.14 *	20.20 *	21.97 *	23.16 *	23.64 *	20.94 *	24.84 *	19.11	6.62
<b>-37.5</b>	19.45 *	19.06 *	21.83 *	24.52 *	26.41 *	26.76 *	23.27 *	26.85 *	19.88	6.63
<b>-42.5</b>	18.69 *	18.64 *	21.66 *	24.56 *	26.64 *	26.76 *	22.63 *	25.12	17.93	5.79
<b>-47.5</b>	26.88 *	26.83 *	31.13 *	34.90 *	37.32 *	37.05 *	30.36 *	32.09	22.13	7.06
<b>-55</b>	29.59	29.16	33.20	36.22	37.65	36.79	29.66	30.40	20.12	6.27
<b>-65</b>	17.36	16.84	18.76	19.99	20.29	19.49	15.52	15.73	10.23	3.16
<b>-75</b>	5.82	5.64	6.27	6.66	6.72	6.34	4.94	5.04	3.51	1.23
<b>-85</b>	0.39	0.37	0.41	0.44	0.45	0.44	0.37	0.42	0.34	0.15
<b>-90</b>										
<b>Total</b>	940.04	799.94	786.97	751.80	712.18	671.46	563.43	647.28	504.19	182.22

<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>				
	0.03	0.00		1.81
<b>85</b>				
	0.19	0.01		52.31
<b>75</b>				
	0.43	0.01		198.25
<b>65</b>				
	0.80	0.02		403.57
<b>55</b>				
	0.87	0.02		418.87
<b>47.5</b>				
	0.73	0.01		314.62
<b>42.5</b>				
	0.89	0.01		334.27
<b>37.5</b>				
	0.92	0.01		323.85
<b>33</b>				
	0.90	0.01		323.68
<b>29</b>				
	0.84	0.01		330.86
<b>25.5</b>				
	0.76	0.01		334.20
<b>22.5</b>				
	0.79	0.01		393.23
<b>19.5</b>				
	0.68	0.01		379.02
<b>17</b>				
	0.55	0.01		339.02
<b>15</b>				
	0.56	0.01		370.38

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES**

**LUMENS TABULATION - (Cont.)**

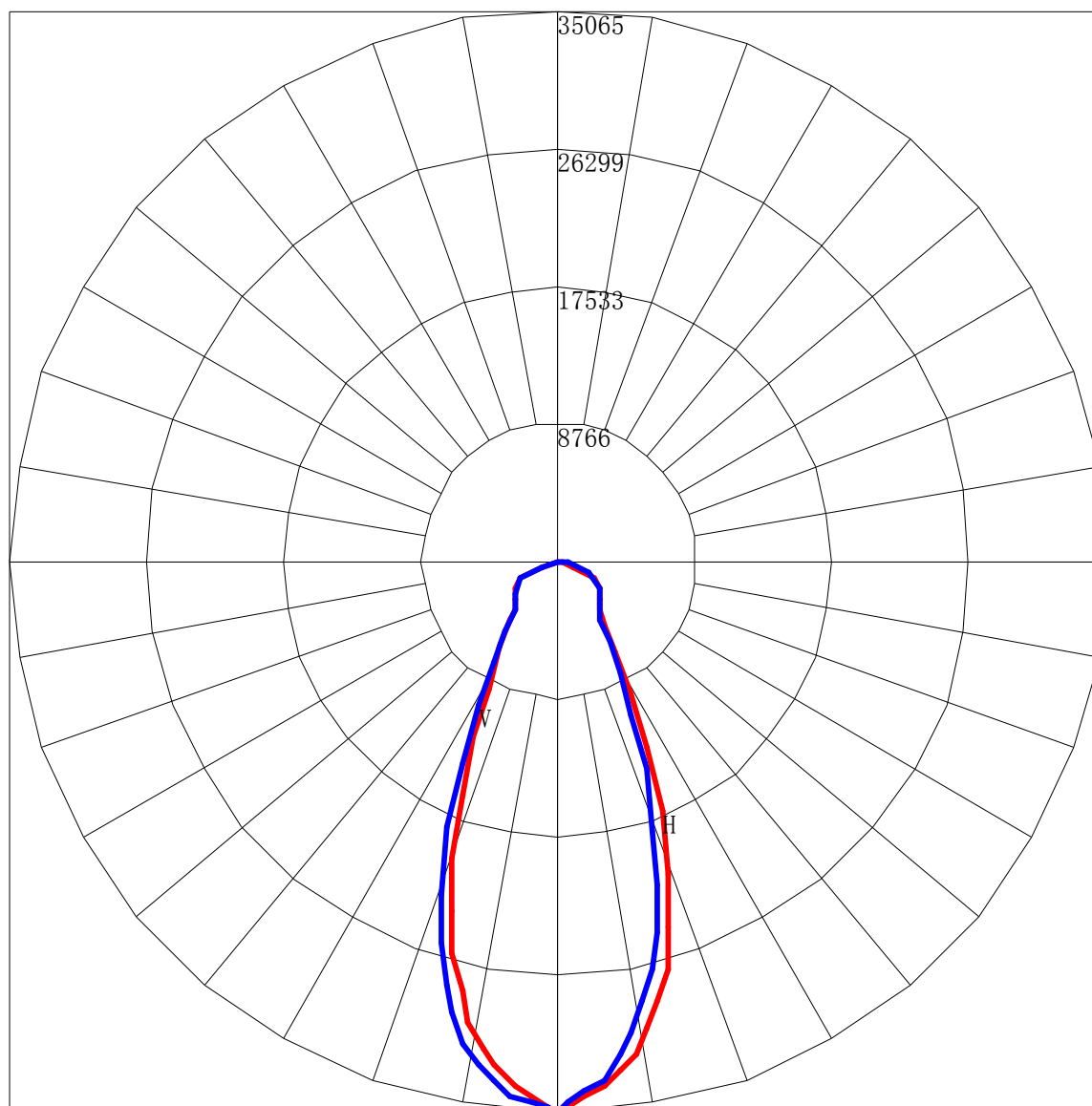
<b>13</b>			
	0.57	0.01	399.77
<b>11</b>			
	0.58	0.01	426.87
<b>9</b>			
	0.58	0.01	450.46
<b>7</b>			
	0.59	0.01	469.81
<b>5</b>			
	0.59	0.01	484.39
<b>3</b>			
	0.59	0.01	493.43
<b>1</b>			
	0.29	0.00	248.53
<b>0</b>			
	0.29	0.00	249.49
<b>-1</b>			
	0.59	0.01	501.10
<b>-3</b>			
	0.60	0.01	499.58
<b>-5</b>			
	0.60	0.01	492.30
<b>-7</b>			
	0.60	0.01	480.14
<b>-9</b>			
	0.60	0.01	463.62
<b>-11</b>			
	0.59	0.01	442.73
<b>-13</b>			
	0.59	0.01	417.95
<b>-15</b>			
	0.58	0.01	389.27
<b>-17</b>			
	0.72	0.01	442.61
<b>-19.5</b>			
	0.84	0.01	464.76
<b>-22.5</b>			
	0.82	0.01	395.06
<b>-25.5</b>			
	0.92	0.01	385.61
<b>-29</b>			
	0.99	0.01	366.61
<b>-33</b>			
	1.03	0.02	353.22
<b>-37.5</b>			
	1.02	0.02	353.59
<b>-42.5</b>			
	0.87	0.01	331.71
<b>-47.5</b>			
	1.06	0.02	456.34
<b>-55</b>			
	1.00	0.02	479.20
<b>-65</b>			
	0.56	0.02	272.46
<b>-75</b>			
	0.26	0.01	91.09

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES****LUMENS TABULATION - (Cont.)**

<b>-85</b>	0.04	0.00	6.68
<b>-90</b>			
<b>Total</b>	28.89	0.47	15826.34

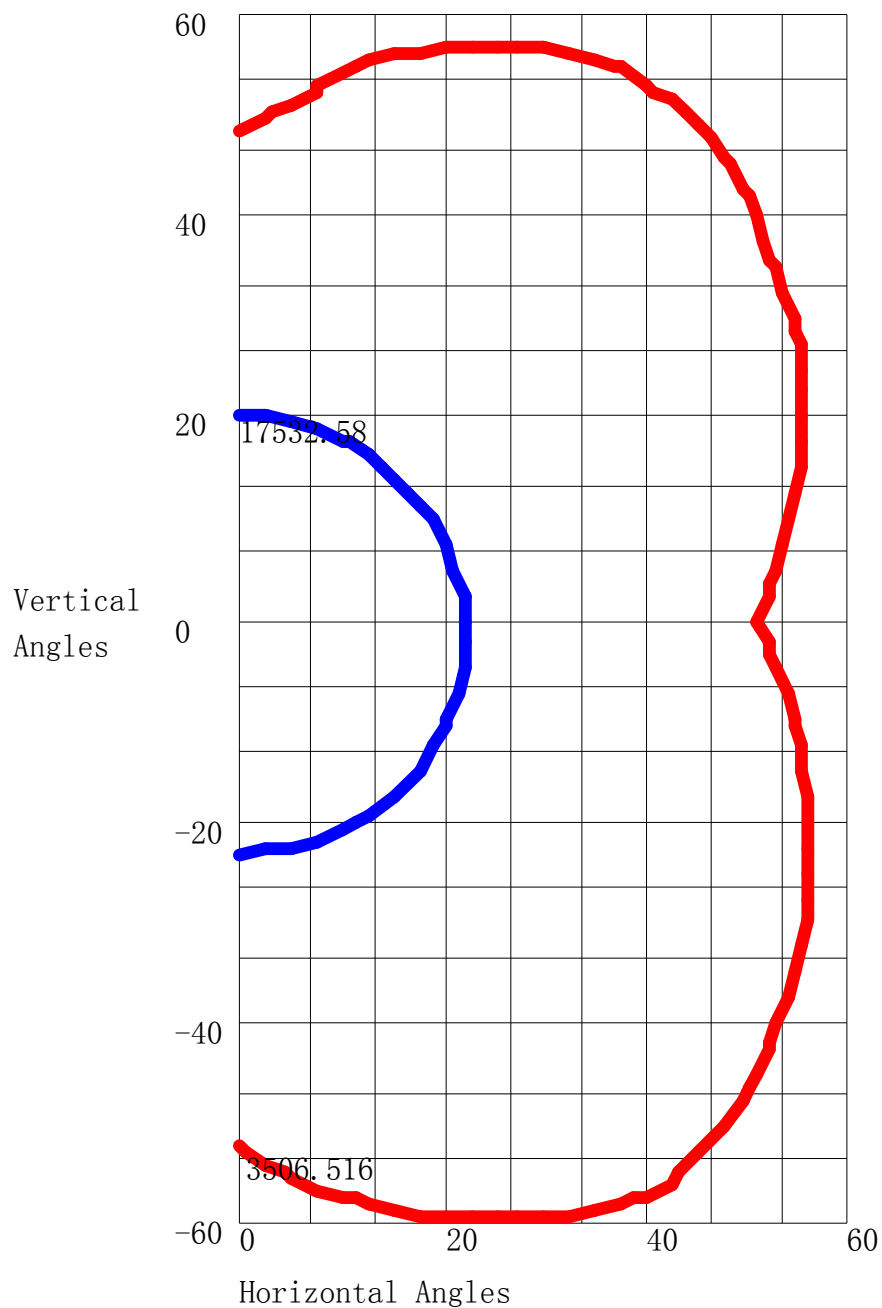
IES FLOOD REPORT  
PHOTOMETRIC FILENAME : GC301-250W-P540-D1-PCC-HK-B60(5050).IES

AXIAL CANDELA DISPLAY



Maximum Candela = 35065.162 Located At Horizontal Angle =-3, Vertical Angle =-3  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 35065.162 Located At Horizontal Angle =-3, Vertical Angle =-3  
50% Maximum Candela = 17532.581  
10% Maximum Candela = 3506.5162