

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-300W-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] GC301-300W-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	19748.585
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	24539
Beam Efficiency	N.A.
Field Lumens	37589
Field Efficiency	N.A.
Spill Lumens	1524
Luminaire Lumens	39113
Total Efficiency	N.A.
Total Luminaire Watts	315.3
Ballast Factor	1.00

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES****AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	4.869	90	1.432
85	125.855	85	42.787
75	1310.974	75	1006.07
65	2843.014	65	2376.406
55	4891.581	55	4496.477
47.5	7371.099	47.5	6903.721
42.5	9423.713	42.5	8949.587
37.5	11661.35	37.5	11218.06
33	13584.64	33	13196.86
29	15069.462	29	14783.832
25.5	16113.694	25.5	15934.639
22.5	16847.815	22.5	16711.935
19.5	17510.432	19.5	17415.415
17	17898.792	17	17868.34
15	18209.48	15	18230.68
13	18453.096	13	18477.38
11	18696.712	11	18724.08
9	18888.674	9	18925.294
7	19028.981	7	19081.022
5	19169.289	5	19236.75
3	19322.705	3	19363.182
1	19476.122	1	19489.614
0	19552.83	0	19552.83
-1	19478.436	-1	19524.692
-3	19329.647	-3	19468.417
-5	19180.859	-5	19412.141
-7	19050.572	-7	19328.877
-9	18920.285	-9	19245.612
-11	18731.791	-11	19115.708
-13	18485.091	-13	18939.163
-15	18238.391	-15	18762.619
-17	17898.407	-17	18485.083
-19.5	17473.426	-19.5	18138.163
-22.5	16807.34	-22.5	17587.909
-25.5	16072.448	-25.5	16971.162
-29	14995.834	-29	16020.024
-33	13493.666	-33	14649.688
-37.5	11617.985	-37.5	12853.41
-42.5	9391.915	-42.5	10597.462
-47.5	7305.572	-47.5	8350.187
-55	4872.307	-55	5521.821
-65	2821.621	-65	3044.999
-75	1335.644	-75	1458.994
-85	130.095	-85	234.172
-90	2.376	-90	16.433

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## CANDELA TABULATION

Maximum Candela = 19748.585

Beam Edge = 9874.2925 Cd (50% of Max.)

Field Edge = 1974.8585 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	2.120	2.055	1.919	1.773	1.616	1.492	1.451	1.453	1.454	1.454
85.0	2.142	12.621	30.016	42.296	49.338	51.266	52.188	53.494	54.035	54.032
75.0	2.186	33.527	85.954	217.808	410.203	540.369	673.511	780.714	861.801	921.426
65.0	2.228	53.628	233.456	610.440	1170.227	1599.402	1887.795	2088.262	*2229.230	*2330.292 *
55.0	2.267	72.392	449.238	1179.076	2035.731	*2681.294	*3098.841	*3496.380	*3746.540	*3937.605 *
47.5	2.293	85.276	600.653	1582.627	2631.119	*3465.145	*4035.500	*4646.036	*5068.489	*5454.342 *
42.5	2.309	93.179	739.940	1831.515	2990.749	*3975.678	*4700.610	*5435.824	*6126.070	*6624.559 *
37.5	2.323	100.464	866.719	2055.528	*3367.188	*4523.462	*5374.762	*6329.172	*7232.823	*7973.365 *
33.0	2.335	106.443	969.269	2236.296	*3670.745	*4977.883	*6043.026	*7192.399	*8253.321	*9321.975 *
29.0	2.344	111.264	1050.669	2378.836	*3914.188	*5421.617	*6599.725	*7962.032	*9308.755	*10549.257 *
25.5	2.351	115.080	1114.016	2488.153	*4140.167	*5797.300	*7141.982	*8652.212	*10193.219	*11469.197 *
22.5	2.356	118.038	1162.264	2570.039	*4312.041	*6087.268	*7566.451	*9270.490	*10887.645	*12234.696 *
19.5	2.361	120.697	1204.788	2640.767	*4462.724	*6345.365	*7949.798	*9832.039	*11512.561	*12926.095 *
17.0	2.365	122.677	1235.767	2691.055	*4571.442	*6552.131	*8235.094	*10252.235	*11980.593	*13428.732 *
15.0	2.367	124.103	1257.592	2725.563	*4647.034	*6721.128	*8474.723	*10554.098	*12317.281	*13789.960 *
13.0	2.370	125.386	1276.761	2754.960	*4712.262	*6870.164	*8700.066	*10813.154	*12617.957	*14111.821 *
11.0	2.371	128.858	1293.254	2779.231	*4766.926	*6998.486	*8895.568	*11038.348	*12869.470	*14391.620 *
9.0	2.373	129.081	1307.057	2798.375	*4810.847	*7105.386	*9060.080	*11228.269	*13076.813	*14626.858 *
7.0	2.374	129.305	1318.156	2812.402	*4843.879	*7190.212	*9192.551	*11381.668	*13243.519	*14794.063 *
5.0	2.375	129.530	1335.014	2821.335	*4865.903	*7252.383	*9292.059	*11497.499	*13368.433	*14900.765 *
3.0	2.376	129.756	1335.266	2830.782	*4889.386	*7291.388	*9357.824	*11574.941	*13450.762	*14968.295 *
1.0	2.376	129.982	1335.518	2824.676	*4878.004	*7306.810	*9389.235	*11613.438	*13490.114	*14996.445 *
0.0	2.376	130.095	1335.644	2821.621	*4872.307	*7305.572	*9391.915	*11617.985	*13493.666	*14995.834 *
-1.0	2.376	130.095	1339.047	2831.434	*4890.359	*7330.306	*9420.639	*11651.021	*13531.529	*15037.209 *
-3.0	2.376	131.044	1345.847	2851.044	*4926.419	*7361.567	*9451.926	*11687.456	*13575.261	*15090.900 *
-5.0	2.375	131.676	1352.633	2854.999	*4927.276	*7368.326	*9448.526	*11684.249	*13576.766	*15106.137 *
-7.0	2.374	132.306	1342.727	2859.359	*4929.260	*7350.406	*9410.833	*11641.517	*13536.904	*15083.693 *
-9.0	2.373	132.933	1338.539	2858.456	*4919.702	*7307.747	*9339.424	*11559.669	*13456.888	*15003.066 *
-11.0	2.371	133.556	1331.566	2852.218	*4898.579	*7240.397	*9235.033	*11439.383	*13338.234	*14857.498 *
-13.0	2.370	130.793	1321.803	2840.591	*4865.905	*7148.515	*9098.538	*11281.584	*13173.224	*14670.576 *
-15.0	2.367	130.274	1309.249	2823.534	*4821.731	*7032.364	*8930.936	*11087.414	*12947.374	*14445.044 *
-17.0	2.365	129.583	1293.906	2801.018	*4766.144	*6892.307	*8743.588	*10849.923	*12681.635	*14183.737 *
-19.5	2.361	128.478	1270.821	2765.178	*4680.798	*6718.502	*8503.609	*10507.244	*12296.610	*13811.108 *
-22.5	2.356	126.794	1237.424	2710.894	*4555.534	*6494.185	*8160.942	*10034.050	*11762.813	*13237.931 *
-25.5	2.351	124.720	1197.881	2644.381	*4405.977	*6229.397	*7761.610	*9498.912	*11154.694	*12559.266 *
-29.0	2.344	121.810	1144.101	2551.520	*4201.862	*5871.818	*7228.738	*8851.566	*10367.072	*11727.242 *
-33.0	2.335	117.842	1072.785	2425.695	*3985.781	*5439.811	*6677.697	*8062.879	*9395.082	*10603.605 *
-37.5	2.323	112.575	980.405	2262.872	*3709.402	*5002.341	*5992.870	*7152.316	*8294.867	*9230.246 *
-42.5	2.309	105.755	863.371	2060.770	*3357.745	*4460.662	*5307.386	*6196.772	*7062.548	*7677.528 *
-47.5	2.293	97.963	732.115	1831.934	3009.826	*3970.240	*4628.289	*5366.406	*5870.565	*6344.682 *
-55.0	2.267	84.585	569.883	1448.614	2426.329	*3192.975	*3704.711	*4167.131	*4447.459	*4674.948 *
-65.0	2.228	64.006	324.376	881.376	1587.953	2121.183	*2473.644	*2676.394	*2828.903	*2943.165 *
-75.0	2.186	40.996	141.968	379.320	742.253	1028.718	1210.466	1313.722	1389.862	1443.979
-85.0	2.142	16.446	53.125	99.336	153.137	196.991	218.300	228.326	235.406	240.161
-90.0	2.120	3.923	7.544	11.184	14.840	17.589	18.400	18.185	17.988	17.809

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	1.454	1.452	1.451	1.449	1.448	1.446	1.444	1.442	1.440	1.438

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## CANDELA TABULATION - (Cont.)

85.0	53.673	53.113	52.333	51.523	50.776	49.944	49.928	48.629	47.331	46.033
75.0	963.910	993.115	1015.688	1029.460	1037.210	1042.080	1044.100	1043.307	1039.739	1041.536
65.0	2399.719	*2445.010	*2477.166	*2493.970	*2500.918	*2502.148	*2497.723	*2487.721	*2472.232	*2451.359 *
55.0	4113.008	*4242.840	*4352.413	*4427.380	*4476.180	*4514.702	*4542.648	*4559.745	*4565.746	*4560.430 *
47.5	5778.226	*6024.403	*6239.161	*6408.399	*6545.422	*6662.876	*6760.016	*6836.153	*6890.654	*6922.964 *
42.5	7108.363	*7483.016	*7816.724	*8060.774	*8268.326	*8461.846	*8625.493	*8758.183	*8858.947	*8926.951 *
37.5	8607.710	*9178.645	*9691.442	*10069.947	*10338.242	*10574.459	*10776.899	*10943.843	*11073.709	*1165.096 *
33.0	10160.057	*10813.433	*11406.114	*11849.555	*12167.761	*12450.720	*12684.816	*12874.316	*13022.433	*13127.691 *
29.0	11466.800	*12199.909	*12864.285	*13347.853	*13694.589	*14002.437	*14268.447	*14489.809	*14642.714	*14734.198 *
25.5	12517.104	*13328.702	*14046.873	*14589.004	*14922.199	*15192.979	*15426.714	*15620.426	*15771.376	*15877.228 *
22.5	13331.331	*14210.911	*14969.606	*15437.497	*15776.289	*16079.361	*16335.640	*16488.422	*16606.291	*16686.671 *
19.5	14072.387	*14969.592	*15688.618	*16225.176	*16551.532	*16793.176	*17004.199	*17180.542	*17318.145	*17413.251 *
17.0	14631.273	*15452.012	*16218.728	*16730.591	*17042.899	*17311.175	*17547.969	*17695.177	*17800.239	*17869.555 *
15.0	14976.213	*15800.475	*16554.279	*17035.137	*17404.680	*17694.693	*17876.758	*18029.834	*18148.795	*18228.519 *
13.0	15257.662	*16111.582	*16804.796	*17311.211	*17688.056	*17973.742	*18186.057	*18358.034	*18480.240	*18528.731 *
11.0	15501.376	*16374.806	*17023.545	*17554.108	*17875.541	*18180.036	*18475.126	*18636.674	*18733.039	*18789.482 *
9.0	15704.725	*16536.911	*17206.662	*17706.353	*18032.180	*18354.186	*18631.070	*18867.480	*18986.561	*19054.854 *
7.0	15865.423	*16663.984	*17350.419	*17815.485	*18153.038	*18477.129	*18729.947	*18983.350	*19230.244	*19254.335 *
5.0	15981.691	*16753.847	*17451.543	*17888.302	*18233.467	*18528.500	*18789.194	*19054.355	*19249.609	*19449.555 *
3.0	16052.399	*16804.929	*17490.050	*17922.307	*18269.825	*18541.214	*18802.681	*19040.999	*19214.606	*19414.845 *
1.0	16077.176	*16816.435	*17487.510	*17916.321	*18265.844	*18513.662	*18767.362	*18969.774	*19118.638	*19288.607 *
0.0	16072.448	*16807.340	*17473.426	*17898.407	*18238.391	*18485.091	*18731.791	*18920.285	*19050.572	*19180.859 *
-1.0	16117.136	*16857.695	*17530.354	*17958.248	*18306.544	*18553.682	*18806.187	*19008.427	*19159.291	*19332.092 *
-3.0	16172.727	*16928.782	*17619.261	*18049.037	*18393.552	*18662.685	*18921.215	*19157.825	*19337.695	*19548.384 *
-5.0	16183.710	*16960.510	*17668.552	*18102.547	*18443.719	*18735.314	*18992.951	*19253.913	*19457.824	*19675.039 *
-7.0	16151.236	*16953.798	*17654.733	*18121.348	*18455.149	*18774.832	*19026.370	*19278.515	*19526.614	*19527.694 *
-9.0	16077.096	*16910.320	*17598.729	*18108.848	*18432.450	*18751.505	*19028.033	*19268.054	*19347.920	*19385.707 *
-11.0	15963.573	*16832.324	*17503.875	*18056.841	*18380.560	*18685.615	*18982.088	*19101.823	*19161.437	*19191.555 *
-13.0	15813.297	*16663.723	*17373.928	*17906.558	*18304.206	*18594.913	*18764.718	*18890.890	*18976.662	*19001.841 *
-15.0	15629.093	*16452.891	*17212.756	*17723.529	*18120.585	*18390.551	*18525.014	*18636.914	*18722.312	*18777.295 *
-17.0	15386.151	*16209.447	*16978.081	*17512.431	*17818.500	*18059.412	*18266.944	*18378.475	*18453.538	*18500.962 *
-19.5	14963.222	*15864.691	*16592.717	*17099.405	*17392.875	*17612.430	*17800.769	*17954.707	*18071.406	*18148.695 *
-22.5	14394.267	*15284.985	*16017.099	*16434.751	*16737.016	*17007.480	*17236.848	*17376.008	*17482.683	*17555.567 *
-25.5	13738.756	*14569.394	*15222.083	*15716.870	*16018.667	*16262.765	*16474.400	*16651.226	*16791.160	*16892.520 *
-29.0	12766.927	*13532.716	*14195.541	*14638.706	*14958.210	*15243.767	*15492.808	*15702.881	*15850.167	*15941.718 *
-33.0	11483.769	*12172.513	*12795.187	*13258.762	*13590.300	*13884.543	*14113.415	*14295.118	*14440.671	*14548.789 *
-37.5	9954.818	*10556.848	*1108.420	*11524.595	*11825.570	*12081.204	*12302.219	*12487.363	*12635.568	*12745.986 *
-42.5	8280.540	*8750.216	*9171.810	*9483.290	*9722.131	*9940.557	*10130.206	*10289.592	*10417.310	*10512.063 *
-47.5	6753.461	*7070.528	*7353.788	*7579.694	*7761.718	*7920.942	*8056.545	*8167.766	*8253.917	*8314.397 *
-55.0	4892.371	*5057.370	*5201.059	*5303.460	*5373.438	*5432.361	*5479.847	*5515.532	*5539.083	*5550.192 *
-65.0	3023.277	*3077.010	*3116.887	*3139.533	*3150.744	*3155.855	*3154.913	*3147.981	*3135.134	*3116.463 *
-75.0	1480.788	1504.501	1521.009	1529.300	1532.388	1532.357	1529.240	1523.080	1513.919	1510.531
-85.0	243.148	244.851	245.775	245.962	245.739	245.189	248.595	245.973	243.351	240.728
-90.0	17.650	17.513	17.373	17.256	17.162	17.067	16.971	16.875	16.777	16.680

## 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	1.436	1.433	1.432	1.440	1.457	1.473	1.490	1.506	1.522	1.538
85.0	44.735	43.436	42.787	42.675	42.452	42.228	42.005	41.781	41.558	40.310
75.0	1027.352	1013.164	1006.070	1010.504	1019.371	1028.236	1021.175	1019.489	1015.064	1007.871
65.0	2430.836	*2394.552	*2376.406	*2391.434	*2421.481	*2435.754	*2450.370	*2459.589	*2463.302	*2461.416 *
55.0	4556.840	*4516.606	*4496.477	*4511.639	*4541.945	*4535.689	*4531.235	*4515.589	*4489.004	*4451.761 *
47.5	6932.600	*6919.177	*6903.721	*6913.629	*6915.967	*6895.272	*6851.949	*6786.495	*6699.483	*6591.559 *
42.5	8961.512	*8962.123	*8949.587	*8955.533	*8941.813	*8894.354	*8813.801	*8700.967	*8556.807	*8382.401 *
37.5	11216.817	*11227.938	*11218.060	*11219.079	*11190.376	*11121.478	*11013.575	*10868.097	*10686.663	*10471.048 *
33.0	13188.957	*13205.488	*13196.860	*13193.591	*13153.493	*13069.325	*12942.251	*12773.784	*12565.732	*12314.969 *

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**CANDELA TABULATION - (Cont.)**

29.0	14785.067	14794.621	14783.832	14779.886	14740.871	14660.570	14539.699	14359.272	14114.278	13827.498	*
25.5	15936.203	15947.228	15934.639	15931.749	15889.792	15799.959	15663.368	15481.827	15257.696	14993.722	*
22.5	16727.509	16727.468	16711.935	16711.906	16680.706	16608.284	16495.772	16345.058	16158.591	15870.742	*
19.5	17444.884	17434.213	17415.415	17418.816	17398.373	17334.850	17207.403	17036.581	16826.017	16579.700	*
17.0	17899.928	17889.284	17868.340	17874.704	17855.754	17794.541	17692.493	17552.368	17368.049	17095.156	*
15.0	18264.544	18259.764	18230.680	18246.048	18222.684	18156.922	18045.034	17891.022	17699.851	17476.700	*
13.0	18538.362	18507.587	18477.380	18493.231	18495.293	18456.942	18379.703	18223.614	18012.690	17765.366	*
11.0	18799.900	18761.318	18724.080	18746.102	18754.310	18713.663	18627.160	18500.876	18308.852	18011.997	*
9.0	19042.298	18974.139	18925.294	18959.316	18995.712	18973.409	18873.458	18725.215	18494.102	18219.422	*
7.0	19227.168	19143.386	19081.022	19131.474	19187.653	19178.445	19109.517	18866.195	18617.074	18368.209	*
5.0	19430.155	19330.849	19236.750	19324.544	19401.654	19383.982	19168.037	18961.002	18699.369	18442.107	*
3.0	19601.881	19449.854	19363.182	19443.361	19580.322	19381.533	19163.393	18974.805	18735.024	18476.726	*
1.0	19428.837	19569.184	19489.614	19562.087	19418.031	19273.657	19088.817	18927.704	18721.408	18470.806	*
0.0	19329.647	19478.436	19552.830	19476.122	19322.705	19169.289	19028.981	18888.674	18696.712	18453.096	*
-1.0	19473.737	19618.227	19524.692	19592.625	19445.968	19300.714	19120.990	18962.223	18756.163	18504.740	*
-3.0	19748.585	19560.275	19468.417	19536.795	19672.190	19475.137	19264.747	19081.153	18839.968	18579.041	*
-5.0	19628.084	19505.753	19412.141	19482.957	19559.478	19562.373	19349.800	19144.442	18876.331	18614.224	*
-7.0	19481.647	19389.405	19328.877	19368.949	19420.225	19425.123	19383.792	19127.621	18868.550	18612.161	*
-9.0	19359.406	19289.983	19245.612	19270.975	19302.207	19287.924	19200.583	19067.566	18822.761	18542.232	*
-11.0	19187.845	19148.400	19115.708	19129.037	19128.404	19088.407	19009.664	18896.194	18721.273	18420.576	*
-13.0	18998.636	18966.108	18939.163	18945.505	18935.899	18894.398	18820.832	18679.716	18491.270	18264.878	*
-15.0	18798.497	18788.233	18762.619	18766.751	18732.857	18664.805	18558.880	18417.674	18244.833	18044.395	*
-17.0	18518.342	18504.163	18485.083	18481.163	18448.609	18382.401	18282.965	18151.972	17982.611	17729.978	*
-19.5	18168.958	18155.313	18138.163	18130.874	18095.105	18024.579	17899.268	17735.961	17536.987	17305.237	*
-22.5	17594.047	17598.314	17587.909	17575.433	17525.558	17441.915	17324.567	17174.325	16992.624	16731.809	*
-25.5	16954.151	16975.535	16971.162	16954.773	16892.353	16791.124	16652.459	16478.235	16270.697	16032.322	*
-29.0	15998.974	16021.635	16020.024	16005.111	15949.738	15860.762	15739.091	15561.090	15317.107	15032.860	*
-33.0	14618.489	14649.122	14649.688	14632.997	14570.003	14467.619	14326.286	14146.802	13930.280	13667.883	*
-37.5	12818.012	12851.310	12853.410	12836.470	12773.632	12672.476	12533.596	12357.845	12146.286	11900.185	*
-42.5	10572.683	10598.165	10597.462	10584.215	10530.764	10441.967	10318.695	10161.988	9973.021	9753.087	*
-47.5	8348.693	8356.401	8350.187	8344.557	8313.343	8256.078	8173.517	8066.509	7935.976	7782.908	*
-55.0	5563.369	5535.676	5521.821	5528.984	5543.301	5516.874	5492.632	5456.139	5407.755	5347.863	*
-65.0	3098.224	3062.744	3044.999	3057.753	3083.256	3091.663	3100.619	3103.953	3101.632	3093.635	*
-75.0	1489.920	1469.303	1458.994	1464.975	1476.937	1488.896	1483.637	1484.155	1481.680	1476.170	
-85.0	238.106	235.483	234.172	233.463	232.044	230.625	229.206	227.788	226.369	219.510	
-90.0	16.582	16.483	16.433	16.218	15.787	15.356	14.924	14.492	14.059	13.626	

**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	1.554	1.570	1.590	1.614	1.637	1.664	1.695	1.729	1.767	1.951
85.0	39.757	39.162	38.360	37.318	36.192	34.779	33.045	30.955	28.483	29.569
75.0	997.881	985.072	965.071	935.183	898.859	848.345	779.946	689.553	572.775	444.590
65.0	2453.849	2440.534	2415.724	2373.881	2318.806	2237.825	2123.355	1968.994	1760.850	1490.189
55.0	4404.164	4346.537	4260.926	4139.213	3997.996	3810.339	3612.042	3358.421	2982.098	2576.842
47.5	6463.426	6315.841	6133.772	5904.162	5643.633	5303.665	4901.524	4476.072	3896.473	3362.336
42.5	8178.932	7961.669	7703.941	7354.237	6964.057	6462.740	5946.377	5269.300	4562.592	3868.217
37.5	10223.134	9943.564	9552.772	9028.089	8448.480	7800.788	7058.632	6178.826	5244.269	4419.647
33.0	12017.028	11686.018	11229.783	10626.580	9965.702	9126.373	8098.580	7061.007	5931.091	4879.391
29.0	13501.989	13140.854	12643.982	11968.616	11230.131	10349.166	9153.693	7850.141	6507.291	5337.318
25.5	14692.884	14334.477	13777.513	13049.905	12276.495	11273.784	10035.964	8551.047	7066.700	5729.628
22.5	15536.693	15167.239	14661.416	13920.006	13098.113	12053.905	10736.904	9169.463	7507.008	6034.966
19.5	16301.669	15941.158	15391.455	14700.198	13852.906	12766.224	11382.295	9732.066	7907.183	6309.338
17.0	16789.595	16456.091	15959.547	15219.442	14429.730	13285.157	11873.412	10154.001	8207.192	6529.550
15.0	17159.571	16799.536	16328.493	15596.873	14799.566	13662.918	12232.272	10458.445	8452.697	6708.625
13.0	17483.548	17114.343	16616.100	15936.568	15109.248	14004.397	12558.103	10734.110	8682.188	6867.914
11.0	17710.420	17395.779	16871.673	16228.734	15381.117	14306.796	12830.793	10977.340	8882.636	7006.622

# IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES

## CANDELA TABULATION - (Cont.)

9.0	17900.839	17583.127	17091.323	16425.479	15612.683	14567.436	13058.453	1186.329	9052.961	7123.999	*
7.0	18050.008	17723.081	17271.303	16586.865	15801.839	14762.628	13247.269	11359.371	9192.190	7219.343	*
5.0	18154.027	17823.525	17408.326	16710.714	15947.021	14898.355	13395.814	11494.917	9299.475	7292.023	*
3.0	18210.807	17883.313	17478.946	16795.462	16047.342	14995.611	13502.984	11591.599	9374.110	7341.476	*
1.0	18226.079	17903.124	17508.020	16840.333	16102.692	15054.375	13568.034	11648.286	9415.557	7367.231	*
0.0	18209.480	17898.792	17510.432	16847.815	16113.694	15069.462	13584.640	11661.350	9423.713	7371.099	*
-1.0	18259.278	17936.999	17542.341	16874.831	16137.884	15093.575	13605.903	11681.124	9441.536	7386.473	*
-3.0	18311.574	17985.612	17582.396	16899.288	16153.789	15113.810	13616.568	11689.889	9451.838	7399.016	*
-5.0	18324.828	17996.177	17582.296	16884.837	16127.290	15097.327	13585.046	11657.983	9428.330	7387.301	*
-7.0	18294.618	17969.006	17517.883	16832.813	16060.018	15045.225	13512.040	11586.111	9371.148	7351.438	*
-9.0	18223.715	17905.893	17413.170	16745.221	15954.137	14933.840	13398.615	11475.242	9280.621	7291.642	*
-11.0	18116.229	17799.220	17271.775	16624.552	15812.192	14753.955	13246.162	11326.569	9157.248	7208.221	*
-13.0	17976.814	17602.053	17097.579	16427.256	15636.963	14531.951	13046.077	11141.485	9001.687	7101.573	*
-15.0	17744.055	17375.138	16894.453	16193.292	15431.319	14270.476	12785.051	10921.535	8814.740	6972.177	*
-17.0	17446.089	17122.933	16631.019	15930.954	15163.475	13972.300	12487.243	10666.559	8608.326	6820.590	*
-19.5	17043.863	16720.967	16228.167	15568.195	14691.094	13552.235	12066.943	10300.667	8349.399	6631.883	*
-22.5	16436.173	16114.129	15679.077	14937.569	14060.319	12933.606	11498.322	9796.698	7990.183	6390.596	*
-25.5	15765.693	15438.611	14893.376	14176.466	13349.437	12225.400	10858.119	9227.344	7581.365	6112.314	*
-29.0	14710.678	14353.042	13860.014	13156.874	12367.293	11371.973	10023.862	8561.405	7046.526	5743.654	*
-33.0	13346.362	12989.773	12498.162	11846.765	11118.239	10180.154	9001.079	7784.128	6488.704	5304.386	*
-37.5	11620.954	11289.377	10832.872	10230.233	9574.086	8823.993	7940.888	6894.907	5805.711	4860.554	*
-42.5	9503.570	9236.466	8904.806	8466.677	7989.321	7388.948	6772.838	5960.487	5121.151	4314.715	*
-47.5	7608.340	7413.348	7172.085	6872.451	6543.358	6126.362	5645.986	5139.321	4442.222	3816.987	*
-55.0	5276.872	5195.210	5078.802	4919.277	4739.603	4506.644	4262.145	3964.885	3517.151	3048.834	*
-65.0	3079.951	3060.585	3028.410	2978.189	2915.442	2826.670	2705.187	2541.207	2312.054	1964.732	
-75.0	1467.586	1455.892	1436.863	1407.498	1370.965	1319.250	1248.169	1153.041	1028.817	853.291	
-85.0	216.334	212.927	208.353	202.420	196.021	188.001	178.148	166.264	152.170	135.664	
-90.0	13.192	12.758	12.214	11.561	10.907	10.143	9.269	8.283	7.186	6.523	

## 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	2.441	3.082	3.710	4.324	4.626
85.0	33.999	34.292	27.691	14.038	4.647
75.0	343.439	185.533	75.719	33.291	4.689
65.0	1081.940	545.317	210.912	51.892	4.728
55.0	1948.623	1113.211	412.125	69.390	4.765
47.5	2557.586	1522.619	555.313	81.517	4.790
42.5	2928.486	1778.519	695.820	89.018	4.805
37.5	3306.475	2010.699	824.110	95.986	4.818
33.0	3614.542	2199.514	928.259	101.754	4.829
29.0	3864.328	2349.317	1011.256	106.448	4.838
25.5	4095.879	2465.045	1076.126	110.196	4.845
22.5	4273.185	2552.439	1125.761	113.130	4.850
19.5	4429.898	2628.662	1169.740	115.793	4.855
17.0	4544.085	2683.500	1201.976	117.799	4.858
15.0	4624.335	2721.619	1224.832	119.259	4.860
13.0	4694.464	2754.591	1245.050	120.588	4.862
11.0	4754.263	2782.392	1262.608	123.983	4.864
9.0	4803.544	2805.014	1277.488	124.320	4.866
7.0	4842.150	2822.456	1289.672	124.659	4.867
5.0	4869.947	2834.734	1307.639	125.000	4.868
3.0	4899.221	2847.559	1308.971	125.342	4.868
1.0	4894.130	2844.530	1310.306	125.855	4.869
0.0	4891.581	2843.014	1310.974	125.855	4.869
-1.0	4905.495	2850.497	1313.403	126.004	4.869
-3.0	4933.289	2865.450	1318.259	126.301	4.868

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES****CANDELA TABULATION - (Cont.)**

<b>-5.0</b>	4926.407	*2864.517	*1323.104	126.598	4.868
<b>-7.0</b>	4920.699	*2864.079	*1311.218	126.894	4.867
<b>-9.0</b>	4903.696	*2858.404	*1305.076	127.188	4.866
<b>-11.0</b>	4875.400	*2847.457	*1296.154	127.481	4.864
<b>-13.0</b>	4835.847	*2831.218	*1284.452	124.609	4.863
<b>-15.0</b>	4785.111	*2809.677	*1269.970	123.846	4.860
<b>-17.0</b>	4723.294	*2782.838	*1252.713	122.930	4.858
<b>-19.5</b>	4630.657	*2741.865	*1227.261	121.570	4.855
<b>-22.5</b>	4497.404	*2681.887	*1191.066	119.624	4.850
<b>-25.5</b>	4340.724	*2610.263	*1148.781	117.337	4.845
<b>-29.0</b>	4129.426	*2512.269	*1091.882	114.246	4.838
<b>-33.0</b>	3901.958	*2381.776	*1017.125	110.165	4.830
<b>-37.5</b>	3614.277	*2211.777	*921.051	104.893	4.819
<b>-42.5</b>	3252.586	*1994.216	*800.161	98.226	4.805
<b>-47.5</b>	2906.918	*1749.355	665.334	90.753	4.790
<b>-55.0</b>	2324.401	*1347.812	511.382	78.163	4.765
<b>-65.0</b>	1445.521	772.611	282.369	59.161	4.729
<b>-75.0</b>	616.626	312.471	116.837	38.227	4.689
<b>-85.0</b>	108.680	74.247	42.962	16.091	4.647
<b>-90.0</b>	6.181	5.727	5.280	4.841	4.626

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES****LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 19556.41

Total Field Lumens (one side of beam only) = 18794.27

\* 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	0.03	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08
75	1.60	3.23	3.26	3.26	3.25	3.23	3.20	3.15	3.10	3.78
65	5.17	10.43	10.53	10.56	10.55	10.52	10.45	10.35	10.20	12.50
55	10.49 *	21.13 *	21.22 *	21.21 *	21.15 *	21.01 *	20.80 *	20.52 *	20.16 *	24.60 *
47.5	13.04 *	26.15 *	26.13 *	25.99 *	25.75 *	25.42 *	24.98 *	24.44 *	23.82 *	28.80 *
42.5	12.08 *	24.16 *	24.08 *	23.88 *	23.56 *	23.14 *	22.62 *	22.00 *	21.30 *	25.60 *
37.5	15.36 *	30.70 *	30.54 *	30.24 *	29.80 *	29.22 *	28.50 *	27.67 *	26.73 *	32.00 *
33	16.74 *	33.42 *	33.24 *	32.90 *	32.41 *	31.78 *	31.01 *	30.11 *	29.08 *	34.75 *
29	17.05 *	34.05 *	33.87 *	33.55 *	33.07 *	32.44 *	31.65 *	30.73 *	29.69 *	35.50 *
25.5	16.38 *	32.71 *	32.55 *	32.26 *	31.82 *	31.24 *	30.52 *	29.70 *	28.75 *	34.41 *
22.5	14.92 *	29.81 *	29.67 *	29.42 *	29.06 *	28.60 *	28.00 *	27.28 *	26.45 *	31.73 *
19.5	15.60 *	31.17 *	31.06 *	30.82 *	30.47 *	30.01 *	29.42 *	28.70 *	27.88 *	33.49 *
17	13.44 *	26.87 *	26.78 *	26.59 *	26.30 *	25.91 *	25.42 *	24.84 *	24.16 *	29.07 *
15	11.00 *	22.00 *	21.92 *	21.77 *	21.55 *	21.25 *	20.87 *	20.39 *	19.83 *	23.88 *
13	11.19 *	22.38 *	22.32 *	22.18 *	21.95 *	21.64 *	21.26 *	20.78 *	20.20 *	24.33 *
11	11.34 *	22.69 *	22.65 *	22.52 *	22.31 *	22.00 *	21.59 *	21.09 *	20.52 *	24.71 *
9	11.48 *	22.99 *	22.96 *	22.83 *	22.62 *	22.29 *	21.85 *	21.32 *	20.75 *	25.03 *
7	11.59 *	23.24 *	23.23 *	23.12 *	22.87 *	22.49 *	22.03 *	21.51 *	20.93 *	25.27 *
5	11.69 *	23.47 *	23.48 *	23.33 *	23.02 *	22.60 *	22.15 *	21.64 *	21.06 *	25.44 *
3	11.78 *	23.68 *	23.65 *	23.39 *	23.05 *	22.66 *	22.20 *	21.70 *	21.14 *	25.55 *
1	11.86 *	23.75 *	23.61 *	23.32 *	23.00 *	22.64 *	22.20 *	21.72 *	21.17 *	25.60 *
0	5.95 *	11.84 *	11.73 *	11.60 *	11.46 *	11.30 *	11.09 *	10.85 *	10.58 *	12.80 *
-1	5.95 *	11.85 *	11.74 *	11.61 *	11.47 *	11.31 *	11.10 *	10.86 *	10.59 *	12.81 *
-3	11.90 *	23.84 *	23.70 *	23.41 *	23.09 *	22.73 *	22.29 *	21.81 *	21.26 *	25.71 *
	11.87 *	23.85 *	23.83 *	23.58 *	23.23 *	22.84 *	22.38 *	21.88 *	21.32 *	25.78 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES**

**LUMENS TABULATION - (Cont.)**

<b>-5</b>	11.82 *	23.72 *	23.74 *	23.61 *	23.30 *	22.88 *	22.42 *	21.91 *	21.33 *	25.78 *
<b>-7</b>	11.76 *	23.57 *	23.58 *	23.49 *	23.26 *	22.87 *	22.41 *	21.88 *	21.30 *	25.73 *
<b>-9</b>	11.69 *	23.41 *	23.39 *	23.28 *	23.08 *	22.78 *	22.34 *	21.80 *	21.23 *	25.61 *
<b>-11</b>	11.60 *	23.20 *	23.16 *	23.04 *	22.85 *	22.58 *	22.19 *	21.69 *	21.10 *	25.42 *
<b>-13</b>	11.49 *	22.97 *	22.91 *	22.78 *	22.58 *	22.30 *	21.95 *	21.49 *	20.90 *	25.16 *
<b>-15</b>	11.35 *	22.68 *	22.61 *	22.47 *	22.26 *	21.99 *	21.64 *	21.18 *	20.62 *	24.85 *
<b>-17</b>	13.95 *	27.87 *	27.78 *	27.60 *	27.32 *	26.96 *	26.50 *	25.94 *	25.28 *	30.48 *
<b>-19.5</b>	16.32 *	32.61 *	32.49 *	32.25 *	31.90 *	31.45 *	30.89 *	30.21 *	29.42 *	35.50 *
<b>-22.5</b>	15.79 *	31.52 *	31.37 *	31.11 *	30.75 *	30.29 *	29.72 *	29.04 *	28.25 *	34.04 *
<b>-25.5</b>	17.58 *	35.09 *	34.90 *	34.60 *	34.16 *	33.58 *	32.88 *	32.07 *	31.15 *	37.43 *
<b>-29</b>	18.68 *	37.27 *	37.06 *	36.71 *	36.22 *	35.56 *	34.77 *	33.82 *	32.75 *	39.26 *
<b>-33</b>	18.84 *	37.59 *	37.33 *	36.93 *	36.39 *	35.70 *	34.87 *	33.89 *	32.76 *	39.17 *
<b>-37.5</b>	17.85 *	35.60 *	35.35 *	34.94 *	34.39 *	33.69 *	32.86 *	31.90 *	30.82 *	36.86 *
<b>-42.5</b>	14.43 *	28.79 *	28.60 *	28.28 *	27.84 *	27.29 *	26.63 *	25.86 *	25.00 *	29.97 *
<b>-47.5</b>	15.85 *	31.70 *	31.57 *	31.29 *	30.92 *	30.42 *	29.81 *	29.10 *	28.28 *	34.10 *
<b>-55</b>	13.07 *	26.24 *	26.26 *	26.16 *	26.01 *	25.77 *	25.45 *	25.06 *	24.58 *	29.94 *
<b>-65</b>	6.88 *	13.85 *	13.94 *	13.97 *	13.95 *	13.89 *	13.80 *	13.66 *	13.48 *	16.53 *
<b>-75</b>	2.59	5.21	5.25	5.26	5.24	5.22	5.18	5.12	5.06	6.20
<b>-85</b>	0.19	0.38	0.38	0.38	0.38	0.38	0.37	0.36	0.36	0.44
<b>-90</b>										
<b>Total</b>	521.23	1042.77	1039.48	1031.57	1019.69	1003.95	984.31	961.09	934.44	1125.7

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	0.10	0.11	0.12	0.12	0.13	0.11	0.15	0.16	0.09
<b>85</b>	4.36	4.14	4.51	4.68	4.59	4.20	3.22	3.40	2.50	0.91
<b>75</b>	14.52	13.91	15.30	16.10	16.12	15.20	12.07	12.65	8.68	2.82
<b>65</b>	28.48 *	27.16 *	29.79 *	31.36 *	31.65 *	30.10 *	24.33 *	26.05	18.41	6.18
<b>55</b>	33.03 *	31.18 *	33.80 *	35.08 *	34.94 *	32.79 *	26.34 *	28.48 *	20.78	7.23
<b>47.5</b>	29.14 *	27.27 *	29.22 *	29.95 *	29.29 *	26.99 *	21.44 *	23.02 *	16.94 *	6.05

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES**

**LUMENS TABULATION - (Cont.)**

<b>42.5</b>											
	36.15 *	33.48 *	35.53 *	36.04 *	34.68 *	31.42 *	24.67 *	26.24 *	19.27 *	7.03	
<b>37.5</b>											
	39.12 *	36.07 *	38.06 *	38.10 *	36.14 *	32.38 *	25.07 *	26.33 *	19.22 *	7.08	
<b>33</b>											
	39.99 *	36.91 *	38.94 *	38.72 *	36.31 *	32.16 *	24.60 *	25.49 *	18.43 *	6.83	
<b>29</b>											
	38.77 *	35.80 *	37.78 *	37.61 *	35.11 *	30.79 *	23.36 *	23.94 *	17.10 *	6.34	
<b>25.5</b>											
	35.82 *	33.10 *	34.92 *	34.81 *	32.52 *	28.40 *	21.37 *	21.69 *	15.34 *	5.68	
<b>22.5</b>											
	37.91 *	35.11 *	37.08 *	37.00 *	34.63 *	30.15 *	22.49 *	22.64 *	15.90 *	5.87	
<b>19.5</b>											
	32.95 *	30.61 *	32.40 *	32.36 *	30.33 *	26.34 *	19.53 *	19.53 *	13.62 *	5.03	
<b>17</b>											
	27.11 *	25.23 *	26.77 *	26.78 *	25.13 *	21.81 *	16.12 *	16.04 *	11.11 *	4.09	
<b>15</b>											
	27.67 *	25.79 *	27.41 *	27.49 *	25.82 *	22.41 *	16.55 *	16.38 *	11.27 *	4.15 *	
<b>13</b>											
	28.14 *	26.27 *	27.97 *	28.11 *	26.42 *	22.96 *	16.93 *	16.67 *	11.41 *	4.20 *	
<b>11</b>											
	28.53 *	26.66 *	28.45 *	28.65 *	26.93 *	23.42 *	17.26 *	16.92 *	11.52 *	4.24 *	
<b>9</b>											
	28.82 *	26.96 *	28.84 *	29.08 *	27.36 *	23.81 *	17.53 *	17.13 *	11.61 *	4.27 *	
<b>7</b>											
	29.05 *	27.19 *	29.13 *	29.40 *	27.70 *	24.12 *	17.75 *	17.28 *	11.68 *	4.30 *	
<b>5</b>											
	29.19 *	27.36 *	29.33 *	29.62 *	27.94 *	24.34 *	17.90 *	17.40 *	11.74 *	4.32 *	
<b>3</b>											
	29.26 *	27.45 *	29.45 *	29.77 *	28.10 *	24.48 *	17.99 *	17.46 *	11.75 *	4.33 *	
<b>1</b>											
	14.64 *	13.74 *	14.75 *	14.91 *	14.08 *	12.27 *	9.01 *	8.73 *	5.87 *	2.16 *	
<b>0</b>											
	14.66 *	13.76 *	14.76 *	14.93 *	14.11 *	12.29 *	9.03 *	8.74 *	5.88 *	2.17 *	
<b>-1</b>											
	29.40 *	27.58 *	29.60 *	29.93 *	28.27 *	24.63 *	18.10 *	17.55 *	11.81 *	4.35 *	
<b>-3</b>											
	29.46 *	27.61 *	29.63 *	29.96 *	28.28 *	24.64 *	18.11 *	17.59 *	11.85 *	4.36 *	
<b>-5</b>											
	29.44 *	27.58 *	29.58 *	29.90 *	28.20 *	24.56 *	18.07 *	17.56 *	11.84 *	4.36 *	
<b>-7</b>											
	29.35 *	27.48 *	29.45 *	29.75 *	28.03 *	24.40 *	17.95 *	17.50 *	11.83 *	4.35 *	
<b>-9</b>											
	29.20 *	27.32 *	29.23 *	29.50 *	27.77 *	24.15 *	17.78 *	17.38 *	11.79 *	4.34 *	
<b>-11</b>											
	28.96 *	27.08 *	28.91 *	29.14 *	27.42 *	23.82 *	17.55 *	17.21 *	11.73 *	4.32 *	
<b>-13</b>											
	28.64 *	26.76 *	28.53 *	28.68 *	26.97 *	23.41 *	17.25 *	16.99 *	11.64 *	4.29 *	
<b>-15</b>											
	28.26 *	26.38 *	28.07 *	28.13 *	26.42 *	22.93 *	16.91 *	16.72 *	11.53 *	4.25 *	
<b>-17</b>											
	34.66 *	32.29 *	34.27 *	34.28 *	32.13 *	27.89 *	20.61 *	20.48 *	14.21 *	5.25 *	
<b>-19.5</b>											
	40.36 *	37.49 *	39.68 *	39.61 *	37.04 *	32.21 *	23.92 *	23.90 *	16.69 *	6.18	
<b>-22.5</b>											
	38.64 *	35.85 *	37.85 *	37.68 *	35.18 *	30.64 *	22.90 *	23.06 *	16.23 *	6.02	

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES**

**LUMENS TABULATION - (Cont.)**

<b>-25.5</b>	42.40 *	39.32 *	41.51 *	41.25 *	38.46 *	33.56 *	25.24 *	25.65 *	18.23 *	6.78
<b>-29</b>	44.38 *	41.09 *	43.41 *	43.16 *	40.32 *	35.40 *	26.81 *	27.56 *	19.84 *	7.39
<b>-33</b>	44.17 *	40.82 *	43.16 *	43.15 *	40.62 *	35.99 *	27.60 *	28.79 *	20.96 *	7.77
<b>-37.5</b>	41.60 *	38.50 *	40.82 *	41.24 *	39.36 *	35.31 *	27.50 *	29.09 *	21.36 *	7.87
<b>-42.5</b>	34.00 *	31.68 *	33.82 *	34.52 *	33.58 *	30.74 *	24.27 *	25.98 *	19.17 *	6.96
<b>-47.5</b>	38.97 *	36.66 *	39.61 *	41.00 *	40.78 *	38.20 *	30.61 *	33.09 *	24.31 *	8.64
<b>-55</b>	34.61 *	32.98 *	36.16 *	38.11 *	38.60 *	36.97 *	30.06 *	32.35 *	23.26	7.98
<b>-65</b>	19.27 *	18.53 *	20.52 *	21.80 *	22.18	21.45	17.49	18.51	12.81	4.18
<b>-75</b>	7.22	6.94	7.68	8.15	8.27	7.98	6.49	6.85	4.73	1.59
<b>-85</b>	0.51	0.49	0.55	0.59	0.60	0.60	0.51	0.57	0.45	0.19
<b>-90</b>	0.51	0.49	0.55	0.59	0.60	0.60	0.51	0.57	0.45	0.19
<b>Total</b>	1280.9	1195.68	1276.35	1290.21	1228.49	1092.4	830.39	846.77	596.48	216.80

<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		1.90
<b>85</b>				
	0.21	0.01		67.79
<b>75</b>				
	0.51	0.02		229.15
<b>65</b>				
	1.03	0.02		456.84
<b>55</b>				
	1.15	0.02		529.35
<b>47.5</b>				
	0.97	0.02		462.74
<b>42.5</b>				
	1.16	0.02		566.46
<b>37.5</b>				
	1.19	0.02		604.22
<b>33</b>				
	1.16	0.01		611.13
<b>29</b>				
	1.09	0.01		588.05
<b>25.5</b>				
	0.98	0.01		539.57
<b>22.5</b>				
	1.02	0.01		568.44
<b>19.5</b>				
	0.87	0.01		492.94
<b>17</b>				
	0.71	0.01		405.36
<b>15</b>				
	0.73	0.01		413.91

**IES FLOOD REPORT****PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES****LUMENS TABULATION - (Cont.)**

<b>13</b>			
	0.74	0.01	421.27
<b>11</b>			
	0.75	0.01	427.47
<b>9</b>			
	0.75	0.01	432.45
<b>7</b>			
	0.76	0.01	436.23
<b>5</b>			
	0.77	0.01	438.72
<b>3</b>			
	0.77	0.01	439.69
<b>1</b>			
	0.38	0.00	219.75
<b>0</b>			
	0.38	0.00	220.01
<b>-1</b>			
	0.77	0.01	441.73
<b>-3</b>			
	0.77	0.01	442.82
<b>-5</b>			
	0.77	0.01	442.41
<b>-7</b>			
	0.77	0.01	440.73
<b>-9</b>			
	0.77	0.01	437.84
<b>-11</b>			
	0.76	0.01	433.74
<b>-13</b>			
	0.75	0.01	428.47
<b>-15</b>			
	0.74	0.01	422.01
<b>-17</b>			
	0.92	0.01	516.68
<b>-19.5</b>			
	1.07	0.01	601.21
<b>-22.5</b>			
	1.04	0.01	576.98
<b>-25.5</b>			
	1.17	0.01	637.04
<b>-29</b>			
	1.27	0.02	672.75
<b>-33</b>			
	1.32	0.02	677.83
<b>-37.5</b>			
	1.32	0.02	648.24
<b>-42.5</b>			
	1.14	0.02	538.56
<b>-47.5</b>			
	1.40	0.02	626.31
<b>-55</b>			
	1.30	0.02	560.94
<b>-65</b>			
	0.71	0.02	311.41
<b>-75</b>			
	0.31	0.01	116.53

# IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES

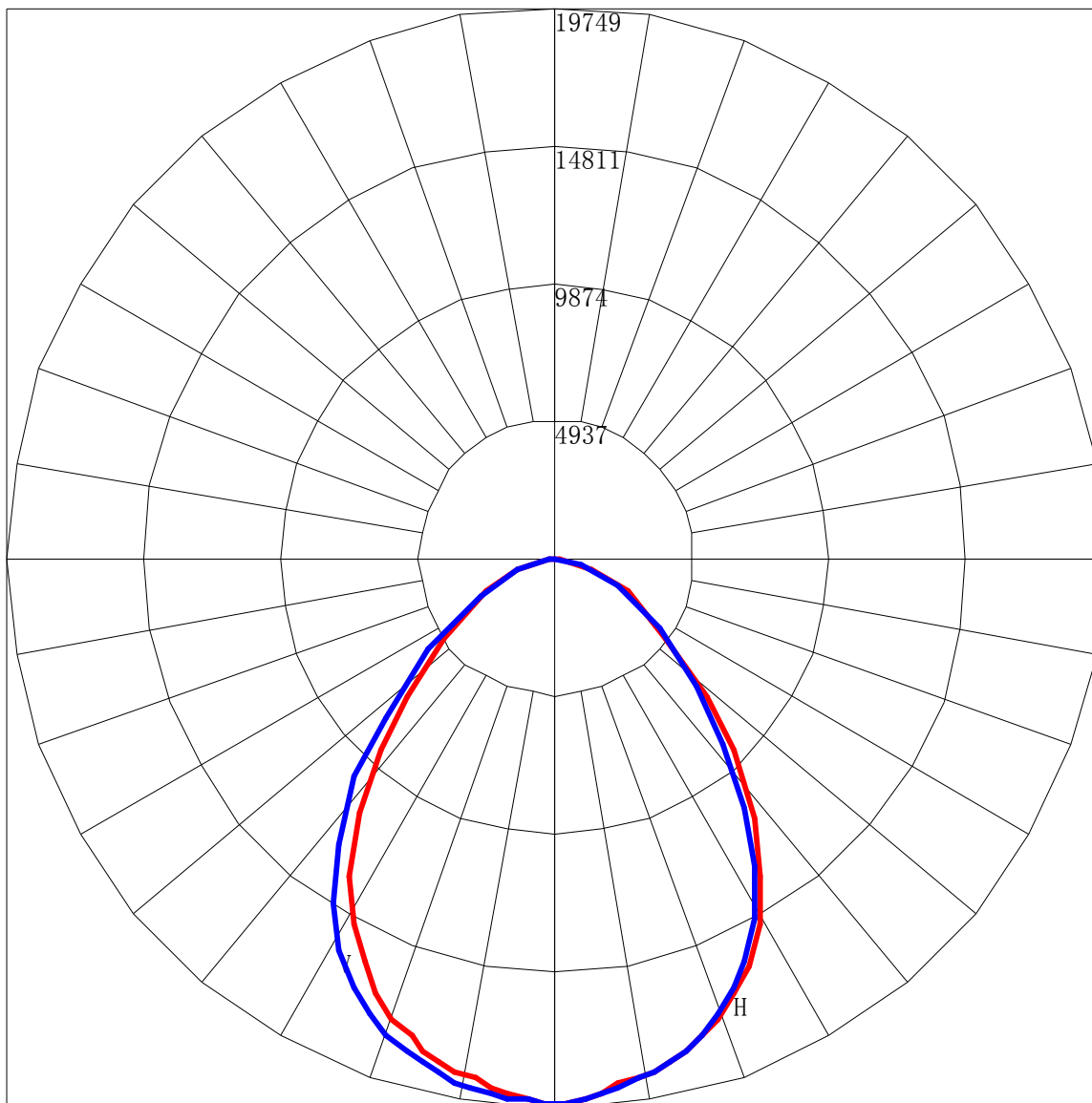
## LUMENS TABULATION - (Cont.)

<b>-85</b>	0.05	0.00	8.74
<b>-90</b>			
<b>Total</b>	37.20	0.52	19556.42

# IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES

## AXIAL CANDELA DISPLAY



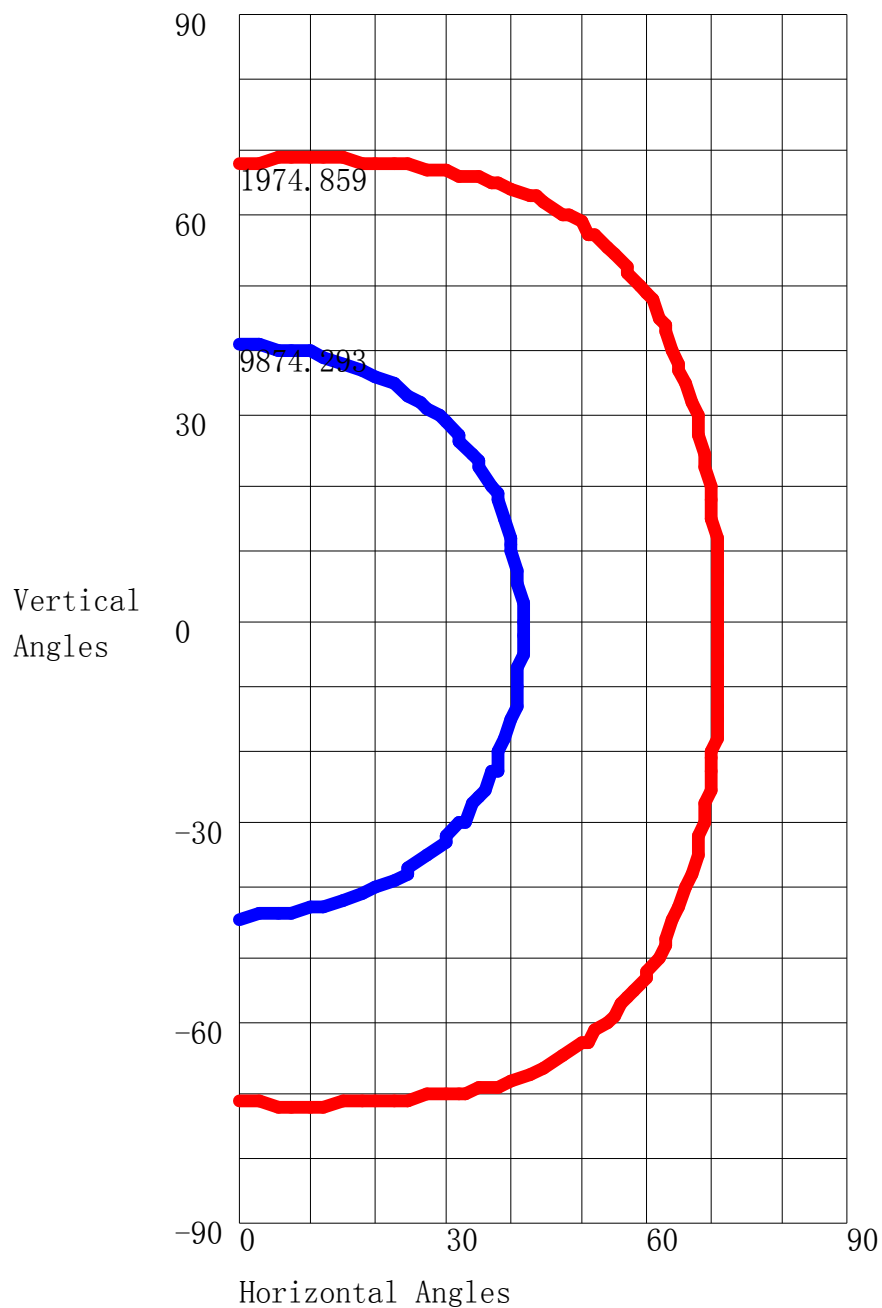
Maximum Candela = 19748.585 Located At Horizontal Angle = -3, Vertical Angle = -3

H - Horizontal Axial Candela

V - Vertical Axial Candela

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCC-HK-B90(5050).IES

ISOCANDELA CURVES



Maximum Candela = 19748.585 Located At Horizontal Angle =-3, Vertical Angle =-3  
50% Maximum Candela = 9874.2925  
10% Maximum Candela = 1974.8585