

LUMA LIGHTING

Photometric Toolbox

IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co. Ltd

[TESTDATE] 2016-12-23

[ISSUEDATE] 2016-12-23 10:48:44

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumEfficient.com

[LUMINAIRE] GC301-300W-P540-D1-PCD-HK

[OTHER] 120-277Vac (tested in 120Vac)

| [OTHER] | Gamma(deg) | Fz(lm) | Ft(lm) | %Lum | %Lamp |
|---------|------------|--------|--------|------|-------|
|---------|------------|--------|--------|------|-------|

| | | | | | |
|---------|-------|---------|---------|------|------|
| [OTHER] | 0- 10 | 1231.62 | 1231.62 | 3.12 | 3.12 |
|---------|-------|---------|---------|------|------|

| | | | | | |
|---------|--------|---------|---------|-------|-------|
| [OTHER] | 10- 20 | 3523.37 | 4754.98 | 12.06 | 12.06 |
|---------|--------|---------|---------|-------|-------|

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|---------|--------|---------|----------|-------|-------|
| [OTHER] | 20- 30 | 5320.50 | 10075.48 | 25.55 | 25.55 |
|---------|--------|---------|----------|-------|-------|

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|---------|--------|---------|----------|-------|-------|
| [OTHER] | 30- 40 | 6380.03 | 16455.51 | 41.73 | 41.73 |
|---------|--------|---------|----------|-------|-------|

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|---------|--------|---------|----------|-------|-------|
| [OTHER] | 40- 50 | 6610.16 | 23065.67 | 58.49 | 58.49 |
|---------|--------|---------|----------|-------|-------|

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|---------|--------|---------|----------|-------|-------|
| [OTHER] | 50- 60 | 6041.64 | 29107.31 | 73.81 | 73.81 |
|---------|--------|---------|----------|-------|-------|

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|---------|--------|---------|----------|-------|-------|
| [OTHER] | 60- 70 | 4882.23 | 33989.54 | 86.19 | 86.19 |
|---------|--------|---------|----------|-------|-------|

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|---------|--------|---------|----------|-------|-------|
| [OTHER] | 70- 80 | 3415.12 | 37404.66 | 94.85 | 94.85 |
|---------|--------|---------|----------|-------|-------|

| | | | | | |
|---------|--------|---------|----------|-------|-------|
| [OTHER] | 80- 90 | 1787.70 | 39192.36 | 99.39 | 99.39 |
|---------|--------|---------|----------|-------|-------|

| | | | | | |
|---------|--------|--------|----------|-------|-------|
| [OTHER] | 90-100 | 134.73 | 39327.09 | 99.73 | 99.73 |
|---------|--------|--------|----------|-------|-------|

| | | | | | |
|---------|---------|-------|----------|-------|-------|
| [OTHER] | 100-110 | 37.81 | 39364.90 | 99.82 | 99.82 |
|---------|---------|-------|----------|-------|-------|

| | | | | | |
|---------|---------|-------|----------|-------|-------|
| [OTHER] | 110-120 | 24.61 | 39389.51 | 99.89 | 99.89 |
|---------|---------|-------|----------|-------|-------|

| | | | | | |
|---------|---------|-------|----------|-------|-------|
| [OTHER] | 120-130 | 11.44 | 39400.95 | 99.92 | 99.92 |
|---------|---------|-------|----------|-------|-------|

| | | | | | |
|---------|---------|------|----------|-------|-------|
| [OTHER] | 130-140 | 9.98 | 39410.93 | 99.94 | 99.94 |
|---------|---------|------|----------|-------|-------|

| | | | | | |
|---------|---------|------|----------|-------|-------|
| [OTHER] | 140-150 | 9.03 | 39419.97 | 99.96 | 99.96 |
|---------|---------|------|----------|-------|-------|

| | | | | | |
|---------|---------|------|----------|-------|-------|
| [OTHER] | 150-160 | 7.41 | 39427.38 | 99.98 | 99.98 |
|---------|---------|------|----------|-------|-------|

| | | | | | |
|---------|---------|------|----------|--------|--------|
| [OTHER] | 160-170 | 5.13 | 39432.51 | 100.00 | 100.00 |
|---------|---------|------|----------|--------|--------|

| | | | | | |
|---------|---------|------|----------|--------|--------|
| [OTHER] | 170-180 | 1.89 | 39434.40 | 100.00 | 100.00 |
|---------|---------|------|----------|--------|--------|

[OTHER]

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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

CHARACTERISTICS

| | |
|------------------------------|-----------------|
| NEMA Type | 7 H x 7 V |
| Maximum Candela | 13054.34 |
| Maximum Candela Angle | 1H -3V |
| Horizontal Beam Angle (50%) | 112.7 |
| Vertical Beam Angle (50%) | 112.0 |
| Horizontal Field Angle (10%) | 174.1 |
| Vertical Field Angle (10%) | 173.5 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 26751 |
| Beam Efficiency | N.A. |
| Field Lumens | 38683 |
| Field Efficiency | N.A. |
| Spill Lumens | 423 |
| Luminaire Lumens | 39106 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 319.4 |
| Ballast Factor | 1.00 |

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AXIAL CANDELA

| DEG. | HOR. | DEG. | VERT. |
|-------|----------|-------|----------|
| 90 | 728.82 | 90 | 665.44 |
| 85 | 1645.76 | 85 | 1709.71 |
| 75 | 3190.7 | 75 | 3230.38 |
| 65 | 4870.85 | 65 | 4934.45 |
| 55 | 6681.13 | 55 | 6760.61 |
| 47.5 | 8067.14 | 47.5 | 8117.59 |
| 42.5 | 8931.41 | 42.5 | 8994.19 |
| 37.5 | 9756.94 | 37.5 | 9786.76 |
| 33 | 10395.79 | 33 | 10498.72 |
| 29 | 11013.91 | 29 | 11043.84 |
| 25.5 | 11489.97 | 25.5 | 11458.62 |
| 22.5 | 11776.74 | 22.5 | 11817.03 |
| 19.5 | 12118.78 | 19.5 | 12117.01 |
| 17 | 12336.52 | 17 | 12268.47 |
| 15 | 12447.5 | 15 | 12544.39 |
| 13 | 12568.79 | 13 | 12576.11 |
| 11 | 12743.8 | 11 | 12714.35 |
| 9 | 12849.23 | 9 | 12795.2 |
| 7 | 12897.82 | 7 | 12942.33 |
| 5 | 12983.18 | 5 | 12961.05 |
| 3 | 12965.74 | 3 | 12977.77 |
| 1 | 13044.91 | 1 | 12956.14 |
| 0 | 13028.28 | 0 | 13028.28 |
| -1 | 13025.63 | -1 | 13016.42 |
| -3 | 13026.78 | -3 | 12957.84 |
| -5 | 13009.87 | -5 | 12940.34 |
| -7 | 12926.39 | -7 | 12866.7 |
| -9 | 12889.01 | -9 | 12832.92 |
| -11 | 12831.44 | -11 | 12718.57 |
| -13 | 12633.99 | -13 | 12580.58 |
| -15 | 12564.72 | -15 | 12418.15 |
| -17 | 12387.93 | -17 | 12299.8 |
| -19.5 | 12192.43 | -19.5 | 12072.02 |
| -22.5 | 11903.76 | -22.5 | 11754.19 |
| -25.5 | 11582.61 | -25.5 | 11407.86 |
| -29 | 11126.67 | -29 | 10933.08 |
| -33 | 10632.5 | -33 | 10442.09 |
| -37.5 | 9960.09 | -37.5 | 9726.75 |
| -42.5 | 9163.86 | -42.5 | 8909.24 |
| -47.5 | 8264.51 | -47.5 | 8036.37 |
| -55 | 6858.59 | -55 | 6655.15 |
| -65 | 5055.17 | -65 | 4871.08 |
| -75 | 3310.6 | -75 | 3165.51 |
| -85 | 1725.88 | -85 | 1581.63 |
| -90 | 803.19 | -90 | 686.33 |

IES FLOOD REPORT**PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES****CANDELA TABULATION**

Maximum Candela = 13054.34

Beam Edge = 6527.17 Cd (50% of Max.)

Field Edge = 1305.434 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 | 801.38 | 792.84 | 775.75 | 760.17 | 749.07 | 740.76 | 730.15 | 714.48 | 700.38 | 687.84 |
| 85.0 | 801.54 | 873.50 | 1025.59 | 1171.78 | 1310.71 * | 1407.82 * | 1469.97 * | 1534.19 * | 1575.01 * | 1612.43 * |
| 75.0 | 801.85 | 1029.48 | 1490.40 * | 1955.27 * | 2288.04 * | 2520.66 * | 2659.46 * | 2785.38 * | 2896.23 * | 2984.05 * |
| 65.0 | 802.14 | 1173.61 | 1957.26 * | 2558.99 * | 3133.13 * | 3539.97 * | 3791.94 * | 4030.85 * | 4240.94 * | 4403.04 * |
| 55.0 | 802.42 | 1313.90 * | 2292.51 * | 3137.37 * | 3966.47 * | 4607.46 * | 5008.38 * | 5379.35 * | 5700.12 * | 5963.74 * |
| 47.5 | 802.60 | 1410.47 * | 2536.19 * | 3545.25 * | 4613.53 * | 5400.80 * | 5887.88 * | 6366.05 * | 6764.02 * | 7083.53 * |
| 42.5 | 802.71 | 1469.43 * | 2667.00 * | 3801.17 * | 5028.51 * | 5885.36 * | 6476.52 * | 7006.17 * | 7450.20 * | 7828.01 * |
| 37.5 | 802.81 | 1529.92 * | 2801.51 * | 4045.65 * | 5389.39 * | 6375.60 * | 7006.29 * | 7596.91 * | 8103.33 * | 8501.33 * |
| 33.0 | 802.90 | 1567.47 * | 2912.80 * | 4260.68 * | 5692.83 * | 6768.57 * | 7449.17 * | 8107.88 * | 8626.48 * | 9069.65 * |
| 29.0 | 802.96 | 1602.68 * | 3001.79 * | 4423.59 * | 5937.15 * | 7087.87 * | 7818.88 * | 8494.99 * | 9065.38 * | 9518.46 * |
| 25.5 | 803.01 | 1630.07 * | 3066.75 * | 4557.30 * | 6159.36 * | 7337.87 * | 8115.32 * | 8792.86 * | 9386.27 * | 9850.21 * |
| 22.5 | 803.05 | 1650.93 * | 3115.87 * | 4668.44 * | 6305.50 * | 7531.69 * | 8341.20 * | 9051.14 * | 9622.41 * | 10154.77 * |
| 19.5 | 803.09 | 1669.31 * | 3160.84 * | 4747.49 * | 6443.93 * | 7708.41 * | 8495.75 * | 9277.02 * | 9876.08 * | 10376.43 * |
| 17.0 | 803.11 | 1682.71 * | 3195.68 * | 4806.64 * | 6547.89 * | 7836.56 * | 8647.28 * | 9427.25 * | 10085.67 * | 10566.89 * |
| 15.0 | 803.13 | 1692.15 * | 3220.36 * | 4852.88 * | 6622.85 * | 7929.71 * | 8747.10 * | 9531.29 * | 10199.51 * | 10691.28 * |
| 13.0 | 803.15 | 1700.44 * | 3242.15 * | 4901.32 * | 6693.44 * | 8013.66 * | 8849.65 * | 9619.43 * | 10273.74 * | 10802.69 * |
| 11.0 | 803.16 | 1725.40 * | 3261.00 * | 4943.44 * | 6737.59 * | 8086.58 * | 8927.90 * | 9702.90 * | 10365.04 * | 10902.45 * |
| 9.0 | 803.17 | 1725.49 * | 3276.88 * | 4979.06 * | 6777.39 * | 8146.53 * | 9009.85 * | 9784.63 * | 10458.16 * | 10970.50 * |
| 7.0 | 803.18 | 1725.57 * | 3289.74 * | 5008.05 * | 6809.26 * | 8192.90 * | 9076.76 * | 9860.67 * | 10513.32 * | 11036.00 * |
| 5.0 | 803.19 | 1725.66 * | 3309.28 * | 5030.24 * | 6833.20 * | 8227.24 * | 9117.38 * | 9904.11 * | 10566.84 * | 11088.04 * |
| 3.0 | 803.19 | 1725.75 * | 3309.81 * | 5053.57 * | 6857.97 * | 8250.66 * | 9144.89 * | 9938.81 * | 10605.72 * | 11117.34 * |
| 1.0 | 803.19 | 1725.84 * | 3310.34 * | 5054.64 * | 6858.38 * | 8262.79 * | 9160.32 * | 9956.81 * | 10630.45 * | 11129.21 * |
| 0.0 | 803.19 | 1725.88 * | 3310.60 * | 5055.17 * | 6858.59 * | 8264.51 * | 9163.86 * | 9960.09 * | 10632.50 * | 11126.67 * |
| -1.0 | 803.19 | 1725.88 * | 3310.41 * | 5053.75 * | 6858.00 * | 8260.02 * | 9159.05 * | 9952.26 * | 10625.70 * | 11124.43 * |
| -3.0 | 803.19 | 1725.64 * | 3310.03 * | 5050.91 * | 6856.83 * | 8242.10 * | 9141.68 * | 9926.00 * | 10593.96 * | 11105.35 * |
| -5.0 | 803.19 | 1725.48 * | 3309.65 * | 5026.29 * | 6831.70 * | 8212.17 * | 9114.08 * | 9885.59 * | 10554.54 * | 11074.86 * |
| -7.0 | 803.18 | 1725.32 * | 3290.11 * | 5003.16 * | 6807.69 * | 8170.12 * | 9076.41 * | 9839.47 * | 10511.15 * | 11031.47 * |
| -9.0 | 803.17 | 1725.17 * | 3277.24 * | 4973.89 * | 6776.27 * | 8120.37 * | 9008.97 * | 9773.76 * | 10476.23 * | 10970.07 * |
| -11.0 | 803.16 | 1725.01 * | 3261.26 * | 4938.78 * | 6737.57 * | 8066.24 * | 8924.63 * | 9710.89 * | 10351.76 * | 10884.69 * |
| -13.0 | 803.15 | 1700.05 * | 3242.21 * | 4898.16 * | 6695.17 * | 8005.82 * | 8843.29 * | 9618.38 * | 10224.27 * | 10756.56 * |
| -15.0 | 803.13 | 1691.73 * | 3220.09 * | 4852.35 * | 6623.23 * | 7929.08 * | 8724.02 * | 9495.71 * | 10122.31 * | 10620.63 * |
| -17.0 | 803.12 | 1682.27 * | 3194.95 * | 4807.24 * | 6546.41 * | 7836.03 * | 8611.33 * | 9379.21 * | 9987.88 * | 10503.67 * |
| -19.5 | 803.09 | 1668.86 * | 3159.30 * | 4747.56 * | 6439.05 * | 7706.84 * | 8467.81 * | 9222.06 * | 9814.62 * | 10336.50 * |
| -22.5 | 803.06 | 1650.50 * | 3114.27 * | 4667.58 * | 6294.77 * | 7528.88 * | 8289.30 * | 9033.59 * | 9614.64 * | 10097.82 * |
| -25.5 | 803.02 | 1629.69 * | 3066.34 * | 4560.20 * | 6143.75 * | 7327.37 * | 8047.64 * | 8760.25 * | 9336.21 * | 9806.38 * |
| -29.0 | 802.97 | 1602.42 * | 3003.37 * | 4427.14 * | 5953.04 * | 7075.43 * | 7793.19 * | 8442.68 * | 9019.05 * | 9443.04 * |
| -33.0 | 802.91 | 1567.41 * | 2912.78 * | 4264.05 * | 5703.88 * | 6749.34 * | 7412.62 * | 8013.36 * | 8556.47 * | 9003.09 * |
| -37.5 | 802.82 | 1530.13 * | 2798.39 * | 4064.71 * | 5384.83 * | 6344.30 * | 6956.92 * | 7546.82 * | 7987.92 * | 8419.14 * |
| -42.5 | 802.72 | 1468.92 * | 2662.24 * | 3810.44 * | 4981.82 * | 5874.40 * | 6427.83 * | 6925.21 * | 7353.93 * | 7723.66 * |
| -47.5 | 802.61 | 1409.12 * | 2532.10 * | 3542.91 * | 4605.54 * | 5366.93 * | 5850.96 * | 6291.51 * | 6668.18 * | 6973.63 * |
| -55.0 | 802.43 | 1311.43 * | 2296.92 * | 3129.80 * | 3966.33 * | 4582.01 * | 4934.64 * | 5309.65 * | 5609.29 * | 5855.32 * |
| -65.0 | 802.16 | 1171.58 | 1949.48 * | 2549.45 * | 3104.75 * | 3504.46 * | 3758.20 * | 3983.11 * | 4188.06 * | 4350.07 * |
| -75.0 | 801.86 | 1028.33 | 1489.79 * | 1937.89 * | 2271.99 * | 2476.98 * | 2600.73 * | 2721.21 * | 2822.53 * | 2901.24 * |
| -85.0 | 801.56 | 875.21 | 1022.04 | 1156.75 | 1275.41 | 1355.60 * | 1403.23 * | 1454.16 * | 1483.15 * | 1510.45 * |
| -90.0 | 801.40 | 796.48 | 786.65 | 774.88 | 757.26 | 744.02 | 729.60 | 709.60 | 691.61 | 675.62 |

| 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 | 676.86 | 667.45 | 667.21 | 667.00 | 666.84 | 666.66 | 666.48 | 666.30 | 666.12 | 665.93 |

IES FLOOD REPORT

PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | | |
|-------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---|
| 85.0 | 1641.03 | * 1662.45 | * 1676.97 | * 1687.22 | * 1694.21 | * 1700.10 | * 1723.70 | * 1721.16 | * 1718.61 | * 1716.07 | * |
| 75.0 | 3047.87 | * 3097.75 | * 3139.68 | * 3167.46 | * 3185.96 | * 3201.27 | * 3213.48 | * 3222.70 | * 3229.04 | * 3240.18 | * |
| 65.0 | 4532.41 | * 4632.97 | * 4712.77 | * 4771.56 | * 4814.24 | * 4852.17 | * 4882.84 | * 4906.51 | * 4923.47 | * 4934.02 | * |
| 55.0 | 6145.79 | * 6297.56 | * 6432.76 | * 6520.79 | * 6577.77 | * 6632.24 | * 6679.61 | * 6718.95 | * 6746.44 | * 6762.84 | * |
| 47.5 | 7330.24 | * 7514.92 | * 7687.57 | * 7822.86 | * 7925.57 | * 7992.92 | * 8029.82 | * 8061.61 | * 8091.60 | * 8114.79 | * |
| 42.5 | 8097.63 | * 8334.47 | * 8482.45 | * 8637.81 | * 8735.40 | * 8825.14 | * 8876.84 | * 8928.86 | * 8967.26 | * 8991.94 | * |
| 37.5 | 8798.77 | * 9053.61 | * 9259.85 | * 9415.58 | * 9539.51 | * 9620.88 | * 9687.16 | * 9743.18 | * 9786.86 | * 9795.19 | * |
| 33.0 | 9373.55 | * 9628.38 | * 9880.55 | * 10036.03 | * 10164.17 | * 10295.07 | * 10374.69 | * 10443.34 | * 10478.87 | * 10505.91 | * |
| 29.0 | 9848.30 | * 10129.65 | * 10382.64 | * 10579.29 | * 10704.54 | * 10814.97 | * 10915.59 | * 10986.69 | * 11030.84 | * 11052.46 | * |
| 25.5 | 10218.59 | * 10520.08 | * 10788.29 | * 10984.86 | * 11111.87 | * 11234.54 | * 11346.00 | * 11420.19 | * 11459.33 | * 11480.35 | * |
| 22.5 | 10522.13 | * 10829.00 | * 11096.31 | * 11289.75 | * 11412.27 | * 11569.25 | * 11688.61 | * 11737.83 | * 11777.79 | * 11814.51 | * |
| 19.5 | 10783.86 | * 11092.02 | * 11331.27 | * 11585.01 | * 11716.19 | * 11812.48 | * 11945.31 | * 12058.52 | * 12115.89 | * 12132.56 | * |
| 17.0 | 10962.00 | * 11294.05 | * 11582.57 | * 11760.71 | * 11884.09 | * 12035.79 | * 12151.50 | * 12248.37 | * 12336.67 | * 12360.34 | * |
| 15.0 | 11103.41 | * 11411.96 | * 11716.64 | * 11887.97 | * 12053.02 | * 12176.56 | * 12289.92 | * 12396.66 | * 12504.58 | * 12560.33 | * |
| 13.0 | 11239.64 | * 11559.31 | * 11833.37 | * 12034.20 | * 12176.44 | * 12288.13 | * 12424.30 | * 12554.09 | * 12619.48 | * 12685.82 | * |
| 11.0 | 11343.58 | * 11671.60 | * 11928.75 | * 12151.21 | * 12284.00 | * 12408.62 | * 12550.90 | * 12624.30 | * 12691.34 | * 12760.15 | * |
| 9.0 | 11416.86 | * 11745.57 | * 12040.01 | * 12229.53 | * 12368.88 | * 12532.12 | * 12599.83 | * 12677.53 | * 12770.75 | * 12872.63 | * |
| 7.0 | 11482.55 | * 11820.18 | * 12117.58 | * 12318.58 | * 12447.05 | * 12578.95 | * 12648.36 | * 12750.27 | * 12874.50 | * 12903.84 | * |
| 5.0 | 11531.22 | * 11884.05 | * 12155.53 | * 12355.17 | * 12527.68 | * 12585.29 | * 12712.13 | * 12821.96 | * 12876.31 | * 12930.29 | * |
| 3.0 | 11565.77 | * 11898.48 | * 12180.63 | * 12369.22 | * 12551.99 | * 12612.73 | * 12753.50 | * 12856.86 | * 12902.11 | * 12965.62 | * |
| 1.0 | 11581.74 | * 11904.63 | * 12192.32 | * 12386.37 | * 12565.88 | * 12632.80 | * 12815.70 | * 12887.33 | * 12925.63 | * 12997.31 | * |
| 0.0 | 11582.61 | * 11903.76 | * 12192.43 | * 12387.93 | * 12564.72 | * 12633.99 | * 12831.44 | * 12889.01 | * 12926.39 | * 13009.87 | * |
| -1.0 | 11576.85 | * 11900.75 | * 12187.15 | * 12378.97 | * 12554.27 | * 12636.11 | * 12813.86 | * 12858.70 | * 12927.94 | * 12996.39 | * |
| -3.0 | 11552.38 | * 11884.96 | * 12164.00 | * 12342.08 | * 12516.76 | * 12631.70 | * 12742.22 | * 12786.06 | * 12916.69 | * 12939.39 | * |
| -5.0 | 11513.10 | * 11855.75 | * 12124.65 | * 12296.08 | * 12468.02 | * 12641.57 | * 12681.59 | * 12754.16 | * 12812.46 | * 12860.85 | * |
| -7.0 | 11460.51 | * 11784.79 | * 12070.18 | * 12246.04 | * 12382.32 | * 12535.76 | * 12655.94 | * 12688.49 | * 12770.52 | * 12811.86 | * |
| -9.0 | 11392.95 | * 11702.07 | * 11994.79 | * 12183.96 | * 12299.21 | * 12449.24 | * 12537.13 | * 12663.39 | * 12667.51 | * 12700.00 | * |
| -11.0 | 11313.62 | * 11597.67 | * 11884.98 | * 12089.69 | * 12213.45 | * 12342.92 | * 12471.53 | * 12507.58 | * 12632.36 | * 12641.96 | * |
| -13.0 | 11188.78 | * 11501.18 | * 11761.28 | * 11961.02 | * 12106.35 | * 12217.53 | * 12345.08 | * 12430.99 | * 12487.90 | * 12531.14 | * |
| -15.0 | 11053.63 | * 11352.49 | * 11619.83 | * 11807.50 | * 11964.90 | * 12089.46 | * 12188.21 | * 12290.53 | * 12369.62 | * 12402.15 | * |
| -17.0 | 10920.13 | * 11214.03 | * 11488.86 | * 11658.19 | * 11782.76 | * 11917.71 | * 12037.96 | * 12119.61 | * 12188.60 | * 12245.51 | * |
| -19.5 | 10700.70 | * 11022.21 | * 11230.46 | * 11472.93 | * 11585.59 | * 11697.98 | * 11786.58 | * 11880.10 | * 11963.14 | * 12022.03 | * |
| -22.5 | 10429.47 | * 10723.17 | * 11003.93 | * 11164.54 | * 11301.45 | * 11446.91 | * 11529.09 | * 11600.66 | * 11661.01 | * 11710.88 | * |
| -25.5 | 10169.94 | * 10398.86 | * 10673.55 | * 10856.44 | * 10984.54 | * 11098.49 | * 11209.38 | * 11303.88 | * 11353.33 | * 11383.91 | * |
| -29.0 | 9809.31 | * 10088.81 | * 10275.14 | * 10449.84 | * 10574.88 | * 10681.43 | * 10769.35 | * 10814.57 | * 10860.92 | * 10903.87 | * |
| -33.0 | 9314.84 | * 9554.10 | * 9775.72 | * 9943.29 | * 10095.10 | * 10161.30 | * 10239.00 | * 10331.03 | * 10369.65 | * 10407.99 | * |
| -37.5 | 8718.61 | * 8946.25 | * 9148.89 | * 9307.71 | * 9415.39 | * 9487.11 | * 9553.28 | * 9614.05 | * 9668.96 | * 9698.78 | * |
| -42.5 | 7981.56 | * 8201.56 | * 8387.98 | * 8515.57 | * 8609.48 | * 8707.55 | * 8755.90 | * 8806.50 | * 8847.49 | * 8881.82 | * |
| -47.5 | 7223.32 | * 7407.94 | * 7584.50 | * 7714.17 | * 7790.28 | * 7860.80 | * 7921.40 | * 7967.49 | * 7999.58 | * 8022.03 | * |
| -55.0 | 6035.36 | * 6175.18 | * 6306.33 | * 6397.40 | * 6458.39 | * 6515.36 | * 6556.69 | * 6593.96 | * 6622.90 | * 6643.25 | * |
| -65.0 | 4463.07 | * 4551.27 | * 4626.90 | * 4685.44 | * 4729.04 | * 4769.49 | * 4803.07 | * 4829.89 | * 4850.10 | * 4863.85 | * |
| -75.0 | 2967.15 | * 3017.59 | * 3061.34 | * 3092.33 | * 3113.26 | * 3130.80 | * 3144.98 | * 3155.86 | * 3163.49 | * 3177.33 | * |
| -85.0 | 1530.98 | * 1546.03 | * 1558.50 | * 1567.15 | * 1572.90 | * 1577.61 | * 1598.22 | * 1595.20 | * 1592.19 | * 1589.17 | * |
| -90.0 | 661.62 | 649.62 | 654.54 | 658.64 | 661.91 | 665.17 | 668.44 | 671.70 | 674.95 | 678.21 | |

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 | 665.74 | 665.54 | 665.44 | 664.89 | 663.78 | 662.66 | 661.54 | 660.42 | 659.29 | 658.16 |
| 85.0 | 1713.53 | * 1710.98 | * 1709.71 | * 1709.32 | * 1708.55 | * 1707.78 | * 1707.01 | * 1706.23 | * 1705.46 | * 1678.04 |
| 75.0 | 3236.26 | * 3232.34 | * 3230.38 | * 3230.07 | * 3229.45 | * 3228.83 | * 3212.97 | * 3201.88 | * 3187.80 | * 3170.59 |
| 65.0 | 4944.56 | * 4937.82 | * 4934.45 | * 4933.60 | * 4931.91 | * 4913.56 | * 4895.68 | * 4872.22 | * 4843.12 | * 4808.33 |
| 55.0 | 6778.59 | * 6766.61 | * 6760.61 | * 6760.03 | * 6758.88 | * 6730.79 | * 6702.67 | * 6664.54 | * 6615.95 | * 6560.71 |
| 47.5 | 8124.98 | * 8122.93 | * 8117.59 | * 8115.56 | * 8103.16 | * 8079.41 | * 8044.10 | * 7997.21 | * 7938.17 | * 7866.53 |
| 42.5 | 9002.78 | * 9000.27 | * 8994.19 | * 8990.76 | * 8974.26 | * 8944.53 | * 8901.14 | * 8843.78 | * 8772.64 | * 8701.87 |
| 37.5 | 9800.96 | * 9794.87 | * 9786.76 | * 9785.23 | * 9771.19 | * 9742.73 | * 9708.76 | * 9649.17 | * 9580.68 | * 9486.45 |
| 33.0 | 10515.04 | * 10509.59 | * 10498.72 | * 10495.48 | * 10473.11 | * 10437.19 | * 10385.06 | * 10326.18 | * 10240.11 | * 10148.49 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | | |
|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|
| 29.0 | 11059.19 | *11053.63 | *11043.84 | *11041.67 | *11023.00 | *10991.27 | *10943.39 | *10867.33 | *10753.94 | *10638.91 | * |
| 25.5 | 11486.74 | *11472.76 | *11458.62 | *11456.70 | *11437.65 | *11395.51 | *11343.73 | *11278.64 | *11202.82 | *11098.82 | * |
| 22.5 | 11833.02 | *11827.97 | *11817.03 | *11817.00 | *11802.86 | *11772.64 | *11725.27 | *11665.82 | *11544.86 | *11409.34 | * |
| 19.5 | 12139.07 | *12129.13 | *12117.01 | *12111.97 | *12087.34 | *12040.97 | *11953.54 | *11888.51 | *11834.31 | *11712.65 | * |
| 17.0 | 12339.97 | *12296.30 | *12268.47 | *12275.28 | *12281.47 | *12275.92 | *12225.29 | *12109.45 | *12002.71 | *11853.87 | * |
| 15.0 | 12555.85 | *12554.86 | *12544.39 | *12538.42 | *12501.25 | *12454.81 | *12365.24 | *12258.45 | *12145.85 | *12026.72 | * |
| 13.0 | 12638.64 | *12601.36 | *12576.11 | *12575.71 | *12559.50 | *12548.23 | *12507.65 | *12428.56 | *12253.97 | *12137.91 | * |
| 11.0 | 12773.81 | *12742.73 | *12714.35 | *12727.61 | *12721.32 | *12668.47 | *12560.92 | *12481.23 | *12432.39 | *12267.86 | * |
| 9.0 | 12890.27 | *12833.96 | *12795.20 | *12809.51 | *12818.74 | *12775.68 | *12705.14 | *12568.08 | *12468.52 | *12403.26 | * |
| 7.0 | 12984.56 | *12962.44 | *12942.33 | *12922.16 | *12868.66 | *12817.88 | *12720.72 | *12693.22 | *12565.62 | *12486.46 | * |
| 5.0 | 12998.39 | *13003.47 | *12961.05 | *12950.80 | *12932.62 | *12826.55 | *12810.73 | *12711.32 | *12631.13 | *12493.73 | * |
| 3.0 | 13042.16 | *13050.52 | *12977.77 | *12973.35 | *12971.42 | *12909.63 | *12869.77 | *12774.65 | *12691.01 | *12550.23 | * |
| 1.0 | 12971.55 | *13052.07 | *12956.14 | *12976.48 | *12964.53 | *12965.69 | *12894.90 | *12839.75 | *12741.49 | *12571.09 | * |
| 0.0 | 13026.78 | *13025.63 | *13028.28 | *13044.91 | *12965.74 | *12983.18 | *12897.82 | *12849.23 | *12743.80 | *12568.79 | * |
| -1.0 | 13038.48 | *12978.03 | *13016.42 | *13017.63 | *12991.21 | *12973.34 | *12896.11 | *12831.03 | *12727.39 | *12564.32 | * |
| -3.0 | 12953.84 | *12962.04 | *12957.84 | *13054.34 | *12985.60 | *12915.47 | *12855.86 | *12762.47 | *12656.83 | *12539.18 | * |
| -5.0 | 12910.10 | *12935.11 | *12940.34 | *13000.31 | *12964.10 | *12881.59 | *12806.54 | *12709.73 | *12601.84 | *12500.76 | * |
| -7.0 | 12863.84 | *12878.71 | *12866.70 | *12886.91 | *12918.44 | *12842.87 | *12748.34 | *12702.16 | *12561.00 | *12439.82 | * |
| -9.0 | 12761.13 | *12831.25 | *12832.92 | *12843.94 | *12834.69 | *12785.37 | *12731.57 | *12603.82 | *12476.37 | *12375.82 | * |
| -11.0 | 12661.35 | *12708.95 | *12718.57 | *12725.90 | *12708.35 | *12699.75 | *12626.01 | *12499.36 | *12396.90 | *12264.30 | * |
| -13.0 | 12562.05 | *12584.46 | *12580.58 | *12596.84 | *12599.95 | *12596.18 | *12500.12 | *12403.56 | *12274.87 | *12147.98 | * |
| -15.0 | 12415.27 | *12424.69 | *12418.15 | *12431.65 | *12430.04 | *12409.64 | *12369.96 | *12276.64 | *12168.45 | *12070.73 | * |
| -17.0 | 12286.05 | *12305.03 | *12299.80 | *12307.92 | *12298.68 | *12277.68 | *12241.07 | *12148.02 | *12047.42 | *11898.22 | * |
| -19.5 | 12056.58 | *12071.20 | *12072.02 | *12078.11 | *12076.85 | *12053.58 | *11998.84 | *11923.76 | *11832.40 | *11730.51 | * |
| -22.5 | 11736.23 | *11752.18 | *11754.19 | *11760.76 | *11759.98 | *11744.31 | *11688.92 | *11617.01 | *11544.17 | *11438.21 | * |
| -25.5 | 11405.60 | *11411.69 | *11407.86 | *11415.51 | *11417.10 | *11403.28 | *11379.60 | *11335.98 | *11232.09 | *11088.13 | * |
| -29.0 | 10929.72 | *10939.48 | *10933.08 | *10938.68 | *10928.70 | *10906.15 | *10872.27 | *10832.67 | *10782.29 | *10684.91 | * |
| -33.0 | 10433.43 | *10445.84 | *10442.09 | *10444.79 | *10430.62 | *10404.31 | *10366.55 | *10329.90 | *10219.85 | *10117.97 | * |
| -37.5 | 9721.78 | * 9728.97 | * 9726.75 | * 9728.76 | * 9721.32 | * 9698.65 | * 9669.82 | * 9622.54 | * 9573.25 | * 9491.23 | * |
| -42.5 | 8903.02 | * 8910.64 | * 8909.24 | * 8911.01 | * 8903.71 | * 8881.62 | * 8844.38 | * 8801.56 | * 8749.22 | * 8698.94 | * |
| -47.5 | 8035.53 | * 8038.88 | * 8036.37 | * 8036.82 | * 8028.85 | * 8009.17 | * 7978.00 | * 7938.04 | * 7887.93 | * 7824.77 | * |
| -55.0 | 6665.13 | * 6658.48 | * 6655.15 | * 6655.96 | * 6657.56 | * 6630.71 | * 6605.43 | * 6571.68 | * 6529.72 | * 6483.83 | * |
| -65.0 | 4877.96 | * 4873.37 | * 4871.08 | * 4870.85 | * 4870.38 | * 4851.41 | * 4832.94 | * 4808.26 | * 4777.29 | * 4739.96 | * |
| -75.0 | 3172.60 | * 3167.87 | * 3165.51 | * 3165.60 | * 3165.77 | * 3165.94 | * 3148.36 | * 3137.10 | * 3123.09 | * 3106.41 | * |
| -85.0 | 1586.15 | * 1583.14 | * 1581.63 | * 1581.68 | * 1581.78 | * 1581.88 | * 1581.97 | * 1582.07 | * 1582.17 | * 1558.36 | * |
| -90.0 | 681.46 | 684.71 | 686.33 | 685.16 | 682.83 | 680.49 | 678.15 | 675.81 | 673.46 | 671.11 | |

**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 | 657.03 | 655.89 | 654.46 | 652.74 | 660.15 | 668.81 | 678.69 | 689.80 | 702.15 | 710.36 |
| 85.0 | 1668.56 | * 1657.89 | * 1642.93 | * 1622.58 | * 1597.39 | * 1564.75 | * 1523.24 | * 1478.67 | * 1414.56 | * 1354.96 |
| 75.0 | 3150.12 | * 3126.25 | * 3091.48 | * 3041.66 | * 2987.38 | * 2918.36 | * 2838.56 | * 2736.13 | * 2608.42 | * 2472.16 |
| 65.0 | 4767.79 | * 4718.71 | * 4646.69 | * 4552.50 | * 4445.60 | * 4316.66 | * 4149.47 | * 3940.07 | * 3694.44 | * 3456.63 |
| 55.0 | 6490.76 | * 6416.82 | * 6316.79 | * 6194.80 | * 6038.74 | * 5827.84 | * 5558.12 | * 5250.50 | * 4879.49 | * 4492.44 |
| 47.5 | 7793.68 | * 7721.94 | * 7579.33 | * 7388.87 | * 7195.71 | * 6944.08 | * 6611.19 | * 6246.31 | * 5750.74 | * 5270.07 |
| 42.5 | 8606.43 | * 8512.38 | * 8368.83 | * 8171.50 | * 7939.79 | * 7667.12 | * 7301.37 | * 6855.22 | * 6305.38 | * 5740.33 |
| 37.5 | 9372.26 | * 9276.71 | * 9122.81 | * 8868.26 | * 8618.14 | * 8322.08 | * 7920.75 | * 7444.41 | * 6850.35 | * 6213.16 |
| 33.0 | 10023.47 | *9900.55 | * 9173.77 | * 9478.12 | * 9253.25 | * 8851.42 | * 8438.35 | * 7916.25 | * 7274.48 | * 6594.21 |
| 29.0 | 10526.27 | *10399.60 | *10222.98 | *9984.16 | * 9655.09 | * 9354.49 | * 8862.37 | * 8321.91 | * 7605.71 | * 6924.14 |
| 25.5 | 10966.24 | *10800.77 | *10599.95 | *10340.87 | *10058.53 | *9662.87 | * 9232.17 | * 8624.67 | * 7911.89 | * 7157.15 |
| 22.5 | 11261.61 | *11146.27 | *10930.64 | *10628.96 | *10353.34 | *9984.61 | * 9460.73 | * 8869.74 | * 8110.54 | * 7347.70 |
| 19.5 | 11565.75 | *11425.88 | *11183.34 | *10934.17 | *10604.17 | *10226.87 | *9696.13 | * 9069.97 | * 8330.37 | * 7505.36 |
| 17.0 | 11769.35 | *11601.68 | *11431.78 | *11123.41 | *10792.56 | *10413.94 | *9887.04 | * 9237.70 | * 8473.86 | * 7619.77 |
| 15.0 | 11850.03 | *11769.17 | *11565.07 | *11244.62 | *10965.87 | *10536.35 | *10009.44 | *9346.96 | * 8574.87 | * 7713.90 |
| 13.0 | 12026.90 | *11860.94 | *11708.87 | *11423.81 | *11070.98 | *10635.50 | *10112.83 | *9432.41 | * 8674.56 | * 7801.62 |
| 11.0 | 12140.08 | *12000.33 | *11803.75 | *11553.88 | *11146.18 | *10723.43 | *10209.79 | *9512.55 | * 8740.94 | * 7884.66 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | | |
|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|
| 9.0 | 12268.21 | *12099.26 | *11885.87 | *11621.01 | *11245.29 | *10820.31 | *10306.99 | *9591.70 | * 8810.77 | * 7954.71 | * |
| 7.0 | 12358.14 | *12195.78 | *11968.90 | *11695.21 | *11357.62 | *10899.76 | *10345.41 | *9667.78 | * 8866.49 | * 8003.45 | * |
| 5.0 | 12392.82 | *12267.94 | *12044.33 | *11754.65 | *11437.93 | *10958.06 | *10377.53 | *9706.36 | * 8897.73 | * 8032.93 | * |
| 3.0 | 12440.14 | *12316.59 | *12090.58 | *11769.74 | *11472.47 | *10995.49 | *10394.99 | *9738.29 | * 8918.89 | * 8053.48 | * |
| 1.0 | 12454.99 | *12339.42 | *12112.69 | *11777.46 | *11487.56 | *11015.03 | *10400.25 | *9754.58 | * 8929.81 | * 8064.90 | * |
| 0.0 | 12447.50 | *12336.52 | *12118.78 | *11776.74 | *11489.97 | *11013.91 | *10395.79 | *9756.94 | * 8931.41 | * 8067.14 | * |
| -1.0 | 12443.15 | *12329.24 | *12112.38 | *11767.01 | *11484.44 | *11010.38 | *10395.74 | *9754.60 | * 8929.73 | * 8064.41 | * |
| -3.0 | 12412.20 | *12289.58 | *12091.87 | *11733.92 | *11463.58 | *10982.21 | *10382.13 | *9738.98 | * 8918.30 | * 8051.52 | * |
| -5.0 | 12367.56 | *12233.04 | *12050.85 | *11681.38 | *11424.69 | *10937.84 | *10358.05 | *9709.60 | * 8895.66 | * 8028.08 | * |
| -7.0 | 12315.98 | *12164.09 | *11971.89 | *11641.57 | *11356.96 | *10875.39 | *10322.16 | *9675.79 | * 8861.31 | * 7993.35 | * |
| -9.0 | 12233.62 | *12098.63 | *11867.72 | *11607.15 | *11276.71 | *10795.67 | *10282.72 | *9601.60 | * 8803.17 | * 7941.63 | * |
| -11.0 | 12141.36 | *12026.19 | *11748.97 | *11517.48 | *11159.00 | *10703.40 | *10199.02 | *9524.12 | * 8730.84 | * 7874.88 | * |
| -13.0 | 12063.12 | *11882.34 | *11673.77 | *11394.52 | *11043.08 | *10607.14 | *10107.43 | *9439.33 | * 8661.71 | * 7798.73 | * |
| -15.0 | 11914.42 | *11770.51 | *11549.59 | *11254.95 | *10926.43 | *10497.12 | *9970.82 | * 9343.03 | * 8556.36 | * 7719.51 | * |
| -17.0 | 11793.52 | *11614.39 | *11402.58 | *11107.54 | *10795.31 | *10371.14 | *9858.83 | * 9234.52 | * 8452.56 | * 7635.45 | * |
| -19.5 | 11550.02 | *11406.69 | *11167.49 | *10925.40 | *10600.75 | *10205.21 | *9710.90 | * 9073.96 | * 8319.83 | * 7515.75 | * |
| -22.5 | 11282.72 | *11131.78 | *10934.66 | *10651.96 | *10335.93 | *9936.11 | * 9465.09 | * 8855.31 | * 8129.51 | * 7344.09 | * |
| -25.5 | 10951.57 | *10835.73 | *10626.76 | *10338.92 | *10029.68 | *9693.48 | * 9206.00 | * 8598.92 | * 7883.08 | * 7147.79 | * |
| -29.0 | 10560.03 | *10418.12 | *10210.53 | *9944.78 | * 9692.05 | * 9334.32 | * 8841.83 | * 8289.06 | * 7618.43 | * 6896.37 | * |
| -33.0 | 10018.92 | *9891.67 | * 9721.27 | * 9475.35 | * 9209.38 | * 8825.68 | * 8394.39 | * 7891.78 | * 7252.07 | * 6565.35 | * |
| -37.5 | 9375.75 | * 9260.77 | * 9099.72 | * 8851.22 | * 8599.20 | * 8265.12 | * 7899.37 | * 7404.73 | * 6815.22 | * 6191.19 | * |
| -42.5 | 8605.17 | * 8498.65 | * 8333.38 | * 8147.29 | * 7912.97 | * 7627.11 | * 7241.92 | * 6817.01 | * 6287.35 | * 5706.76 | * |
| -47.5 | 7746.60 | * 7656.51 | * 7508.50 | * 7329.54 | * 7155.91 | * 6905.99 | * 6555.66 | * 6181.54 | * 5706.31 | * 5237.15 | * |
| -55.0 | 6416.70 | * 6343.77 | * 6245.43 | * 6118.48 | * 5968.73 | * 5770.96 | * 5515.71 | * 5218.72 | * 4849.98 | * 4466.01 | * |
| -65.0 | 4696.20 | * 4648.20 | * 4582.62 | * 4498.16 | * 4402.91 | * 4275.10 | * 4105.23 | * 3905.75 | * 3667.13 | * 3421.94 | * |
| -75.0 | 3087.10 | * 3065.24 | * 3034.42 | * 2991.62 | * 2940.63 | * 2873.62 | * 2781.54 | * 2669.48 | * 2552.61 | * 2403.00 | * |
| -85.0 | 1550.58 | * 1541.70 | * 1529.07 | * 1511.72 | * 1493.98 | * 1470.65 | * 1440.75 | * 1409.65 | * 1356.58 | * 1305.02 | |
| -90.0 | 668.76 | 666.41 | 663.46 | 659.92 | 669.00 | 679.60 | 691.70 | 705.32 | 720.46 | 731.11 | |

**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 | 716.47 | 724.62 | 726.75 | 726.88 | 726.95 |
| 85.0 | 1260.82 | 1120.45 | 971.57 | 809.25 | 727.11 |
| 75.0 | 2241.78 * | 1897.54 * | 1431.14 * | 967.06 | 727.43 |
| 65.0 | 3044.27 * | 2492.97 * | 1893.54 * | 1109.46 | 727.74 |
| 55.0 | 3876.41 * | 3035.88 * | 2232.86 * | 1243.46 | 728.02 |
| 47.5 | 4483.26 * | 3436.11 * | 2456.93 * | 1336.53 * | 728.22 |
| 42.5 | 4877.24 * | 3690.71 * | 2577.64 * | 1393.38 * | 728.33 |
| 37.5 | 5263.13 * | 3930.11 * | 2709.50 * | 1451.54 * | 728.44 |
| 33.0 | 5547.30 * | 4132.12 * | 2816.69 * | 1489.03 * | 728.52 |
| 29.0 | 5770.19 * | 4287.62 * | 2901.50 * | 1524.22 * | 728.59 |
| 25.5 | 5985.39 * | 4411.28 * | 2963.96 * | 1551.56 * | 728.64 |
| 22.5 | 6148.53 * | 4513.80 * | 3011.64 * | 1572.35 * | 728.68 |
| 19.5 | 6250.28 * | 4595.39 * | 3054.67 * | 1590.64 * | 728.72 |
| 17.0 | 6343.10 * | 4655.88 * | 3086.95 * | 1603.94 * | 728.74 |
| 15.0 | 6424.92 * | 4699.75 * | 3109.70 * | 1613.28 * | 728.76 |
| 13.0 | 6502.84 * | 4741.44 * | 3129.68 * | 1621.46 * | 728.78 |
| 11.0 | 6551.69 * | 4777.61 * | 3146.87 * | 1646.58 * | 728.79 |
| 9.0 | 6595.34 * | 4808.09 * | 3161.25 * | 1646.43 * | 728.80 |
| 7.0 | 6629.90 * | 4832.72 * | 3172.79 * | 1646.28 * | 728.81 |
| 5.0 | 6655.47 * | 4851.36 * | 3190.44 * | 1646.13 * | 728.82 |
| 3.0 | 6681.73 * | 4871.04 * | 3190.54 * | 1645.98 * | 728.82 |
| 1.0 | 6681.33 * | 4870.91 * | 3190.65 * | 1645.76 * | 728.82 |
| 0.0 | 6681.13 * | 4870.85 * | 3190.70 * | 1645.76 * | 728.82 |
| -1.0 | 6680.13 * | 4870.58 * | 3190.59 * | 1645.65 * | 728.82 |
| -3.0 | 6678.13 * | 4870.04 * | 3190.38 * | 1645.44 * | 728.82 |

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

| | | | | | |
|--------------|-----------|-----------|-----------|-----------|--------|
| -5.0 | 6650.22 * | 4849.62 * | 3190.16 * | 1645.23 * | 728.82 |
| -7.0 | 6623.54 * | 4830.20 * | 3172.31 * | 1645.02 * | 728.81 |
| -9.0 | 6588.84 * | 4804.70 * | 3160.55 * | 1644.81 * | 728.80 |
| -11.0 | 6546.29 * | 4773.25 * | 3145.90 * | 1644.60 * | 728.79 |
| -13.0 | 6499.75 * | 4735.98 * | 3128.36 * | 1619.24 * | 728.78 |
| -15.0 | 6423.46 * | 4693.03 * | 3107.94 * | 1610.76 * | 728.76 |
| -17.0 | 6343.95 * | 4648.92 * | 3084.66 * | 1601.14 * | 728.75 |
| -19.5 | 6251.18 * | 4589.55 * | 3051.56 * | 1587.54 * | 728.72 |
| -22.5 | 6143.23 * | 4510.28 * | 3007.95 * | 1568.93 * | 728.69 |
| -25.5 | 5966.76 * | 4412.59 * | 2960.22 * | 1547.88 * | 728.65 |
| -29.0 | 5755.88 * | 4293.65 * | 2897.91 * | 1520.32 * | 728.59 |
| -33.0 | 5511.89 * | 4137.63 * | 2811.87 * | 1485.01 * | 728.53 |
| -37.5 | 5226.96 * | 3930.69 * | 2702.40 * | 1447.47 * | 728.44 |
| -42.5 | 4858.98 * | 3701.07 * | 2566.49 * | 1389.03 * | 728.34 |
| -47.5 | 4471.65 * | 3433.45 * | 2445.62 * | 1331.97 * | 728.23 |
| -55.0 | 3867.77 * | 3022.29 * | 2227.98 * | 1238.88 | 728.03 |
| -65.0 | 3016.16 * | 2468.90 * | 1866.14 * | 1105.91 | 727.75 |
| -75.0 | 2205.94 * | 1849.15 * | 1412.16 * | 964.47 | 727.45 |
| -85.0 | 1221.29 | 1099.64 | 963.56 | 811.93 | 727.13 |
| -90.0 | 740.38 | 752.73 | 746.22 | 733.39 | 726.96 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 19553.11

Total Field Lumens (one side of beam only) = 19341.49

* 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 | | | | | | | | | | |
| | 1.81 | 3.62 | 3.61 | 3.60 | 3.58 | 3.57 | 3.52 | 3.47 | 3.42 | 4.21 |
| 85 | 7.52 * | 15.05 * | 15.03 * | 14.97 * | 14.87 * | 14.76 * | 14.58 * | 14.37 * | 14.16 * | 17.35 * |
| 75 | 12.44 * | 24.87 * | 24.81 * | 24.67 * | 24.48 * | 24.25 * | 23.95 * | 23.61 * | 23.21 * | 28.36 * |
| 65 | 17.81 * | 35.63 * | 35.52 * | 35.30 * | 35.01 * | 34.63 * | 34.17 * | 33.62 * | 33.00 * | 40.26 * |
| 55 | 17.00 * | 33.98 * | 33.87 * | 33.67 * | 33.38 * | 33.02 * | 32.58 * | 32.05 * | 31.44 * | 38.31 * |
| 47.5 | 13.03 * | 26.04 * | 25.96 * | 25.80 * | 25.58 * | 25.29 * | 24.95 * | 24.55 * | 24.07 * | 29.29 * |
| 42.5 | 14.30 * | 28.58 * | 28.50 * | 28.34 * | 28.10 * | 27.78 * | 27.39 * | 26.93 * | 26.39 * | 32.13 * |
| 37.5 | 13.91 * | 27.79 * | 27.70 * | 27.55 * | 27.32 * | 27.01 * | 26.63 * | 26.15 * | 25.60 * | 31.16 * |
| 33 | 13.13 * | 26.23 * | 26.15 * | 26.00 * | 25.78 * | 25.47 * | 25.08 * | 24.62 * | 24.11 * | 29.33 * |
| 29 | 12.00 * | 23.98 * | 23.91 * | 23.78 * | 23.58 * | 23.30 * | 22.94 * | 22.52 * | 22.05 * | 26.82 * |
| 25.5 | 10.64 * | 21.26 * | 21.20 * | 21.08 * | 20.91 * | 20.67 * | 20.36 * | 19.96 * | 19.54 * | 23.77 * |
| 22.5 | 10.94 * | 21.86 * | 21.79 * | 21.66 * | 21.47 * | 21.23 * | 20.90 * | 20.50 * | 20.07 * | 24.40 * |
| 19.5 | 9.29 * | 18.58 * | 18.55 * | 18.45 * | 18.27 * | 18.04 * | 17.76 * | 17.43 * | 17.08 * | 20.77 * |
| 17 | 7.56 * | 15.12 * | 15.09 * | 15.01 * | 14.85 * | 14.64 * | 14.40 * | 14.13 * | 13.85 * | 16.87 * |
| 15 | 7.65 * | 15.30 * | 15.27 * | 15.18 * | 15.03 * | 14.81 * | 14.56 * | 14.30 * | 14.00 * | 17.06 * |
| 13 | 7.71 * | 15.42 * | 15.40 * | 15.30 * | 15.15 * | 14.96 * | 14.71 * | 14.44 * | 14.15 * | 17.23 * |
| 11 | 7.78 * | 15.57 * | 15.54 * | 15.42 * | 15.24 * | 15.06 * | 14.85 * | 14.58 * | 14.28 * | 17.38 * |
| 9 | 7.84 * | 15.69 * | 15.64 * | 15.52 * | 15.35 * | 15.14 * | 14.94 * | 14.70 * | 14.39 * | 17.51 * |
| 7 | 7.89 * | 15.77 * | 15.69 * | 15.56 * | 15.42 * | 15.23 * | 15.00 * | 14.76 * | 14.47 * | 17.61 * |
| 5 | 7.91 * | 15.82 * | 15.74 * | 15.61 * | 15.48 * | 15.29 * | 15.05 * | 14.80 * | 14.53 * | 17.68 * |
| 3 | 7.91 * | 15.83 * | 15.77 * | 15.67 * | 15.53 * | 15.35 * | 15.10 * | 14.83 * | 14.56 * | 17.72 * |
| 1 | 3.96 * | 7.92 * | 7.89 * | 7.85 * | 7.78 * | 7.69 * | 7.56 * | 7.42 * | 7.28 * | 8.86 * |
| 0 | 3.97 * | 7.92 * | 7.90 * | 7.85 * | 7.77 * | 7.69 * | 7.56 * | 7.42 * | 7.28 * | 8.86 * |
| -1 | 7.92 * | 15.83 * | 15.77 * | 15.66 * | 15.51 * | 15.33 * | 15.09 * | 14.82 * | 14.53 * | 17.70 * |
| -3 | 7.90 * | 15.79 * | 15.71 * | 15.60 * | 15.44 * | 15.25 * | 15.05 * | 14.79 * | 14.48 * | 17.64 * |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

LUMENS TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -5 | 7.87 * | 15.73 * | 15.66 * | 15.53 * | 15.38 * | 15.20 * | 14.99 * | 14.73 * | 14.42 * | 17.57 * |
| -7 | 7.83 * | 15.65 * | 15.58 * | 15.46 * | 15.32 * | 15.13 * | 14.90 * | 14.63 * | 14.34 * | 17.46 * |
| -9 | 7.78 * | 15.54 * | 15.47 * | 15.37 * | 15.22 * | 15.02 * | 14.80 * | 14.53 * | 14.24 * | 17.34 * |
| -11 | 7.71 * | 15.40 * | 15.35 * | 15.26 * | 15.10 * | 14.90 * | 14.67 * | 14.41 * | 14.13 * | 17.18 * |
| -13 | 7.62 * | 15.23 * | 15.18 * | 15.10 * | 14.95 * | 14.76 * | 14.53 * | 14.27 * | 13.98 * | 17.00 * |
| -15 | 7.53 * | 15.05 * | 15.01 * | 14.92 * | 14.78 * | 14.59 * | 14.36 * | 14.10 * | 13.81 * | 16.80 * |
| -17 | 9.28 * | 18.55 * | 18.48 * | 18.36 * | 18.19 * | 17.96 * | 17.68 * | 17.36 * | 16.99 * | 20.67 * |
| -19.5 | 10.89 * | 21.76 * | 21.69 * | 21.55 * | 21.34 * | 21.08 * | 20.78 * | 20.40 * | 19.96 * | 24.28 * |
| -22.5 | 10.58 * | 21.16 * | 21.09 * | 20.98 * | 20.80 * | 20.56 * | 20.24 * | 19.86 * | 19.44 * | 23.66 * |
| -25.5 | 11.91 * | 23.81 * | 23.74 * | 23.61 * | 23.42 * | 23.17 * | 22.82 * | 22.40 * | 21.94 * | 26.69 * |
| -29 | 13.02 * | 26.02 * | 25.93 * | 25.78 * | 25.57 * | 25.29 * | 24.92 * | 24.50 * | 24.00 * | 29.18 * |
| -33 | 13.82 * | 27.62 * | 27.52 * | 27.36 * | 27.14 * | 26.82 * | 26.43 * | 25.99 * | 25.47 * | 30.98 * |
| -37.5 | 14.19 * | 28.36 * | 28.26 * | 28.09 * | 27.85 * | 27.55 * | 27.19 * | 26.74 * | 26.20 * | 31.89 * |
| -42.5 | 12.91 * | 25.79 * | 25.70 * | 25.55 * | 25.33 * | 25.06 * | 24.73 * | 24.33 * | 23.84 * | 29.02 * |
| -47.5 | 16.78 * | 33.55 * | 33.44 * | 33.23 * | 32.96 * | 32.60 * | 32.17 * | 31.64 * | 31.03 * | 37.80 * |
| -55 | 17.56 * | 35.11 * | 34.99 * | 34.76 * | 34.47 * | 34.10 * | 33.65 * | 33.11 * | 32.48 * | 39.63 * |
| -65 | 12.24 * | 24.48 * | 24.42 * | 24.28 * | 24.08 * | 23.83 * | 23.53 * | 23.18 * | 22.78 * | 27.84 * |
| -75 | 7.23 * | 14.46 * | 14.45 * | 14.39 * | 14.29 * | 14.19 * | 14.02 * | 13.81 * | 13.61 * | 16.68 * |
| -85 | 1.73 | 3.45 | 3.44 | 3.43 | 3.41 | 3.39 | 3.35 | 3.30 | 3.25 | 4.00 |
| -90 | | | | | | | | | | |
| Total | 438.31 | 876.16 | 873.38 | 868.09 | 860.51 | 850.69 | 838.47 | 824.07 | 807.83 | 983.92 |

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|---------------------|--------------------------|--------------------|--------------------|------------------|------------------|--------------------|--------------------|--------------------|------------------|------------------|
| | <u>19.5</u> | <u>22.5</u> | <u>25.5</u> | <u>29</u> | <u>33</u> | <u>37.5</u> | <u>42.5</u> | <u>47.5</u> | <u>55</u> | <u>65</u> |
| 90 | 4.93 | 4.79 | 5.40 | 5.88 | 6.22 | 6.37 | 5.74 | 7.37 | 7.43 | 4.73 |
| 85 | 20.23 * | 19.51 * | 21.74 * | 23.38 * | 24.30 * | 24.33 * | 21.41 * | 26.54 * | 25.19 * | 14.39 * |
| 75 | 32.97 * | 31.66 * | 35.11 * | 37.52 * | 38.64 * | 38.27 * | 33.30 * | 40.54 * | 37.29 * | 20.39 * |
| 65 | 46.69 * | 44.70 * | 49.37 * | 52.42 * | 53.51 * | 52.45 * | 45.05 * | 53.80 * | 48.00 * | 25.49 * |
| 55 | 44.32 * | 42.34 * | 46.67 * | 49.39 * | 50.23 * | 48.95 * | 41.68 * | 49.18 * | 42.92 * | 22.12 * |
| 47.5 | 33.87 * | 32.33 * | 35.59 * | 37.62 * | 38.19 * | 37.10 * | 31.44 * | 36.88 * | 31.83 * | 16.07 * |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

LUMENS TABULATION - (Cont.)

| | | | | | | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| 42.5 | | | | | | | | | | | |
| | 37.14 * | 35.42 * | 38.96 * | 41.18 * | 41.74 * | 40.49 * | 34.22 * | 39.99 * | 34.25 * | 17.05 * | |
| 37.5 | | | | | | | | | | | |
| | 35.99 * | 34.31 * | 37.74 * | 39.84 * | 40.39 * | 39.13 * | 33.03 * | 38.46 * | 32.74 * | 16.16 * | |
| 33 | | | | | | | | | | | |
| | 33.88 * | 32.28 * | 35.50 * | 37.48 * | 37.96 * | 36.73 * | 30.97 * | 35.95 * | 30.46 * | 14.95 * | |
| 29 | | | | | | | | | | | |
| | 30.96 * | 29.49 * | 32.41 * | 34.23 * | 34.66 * | 33.52 * | 28.24 * | 32.73 * | 27.64 * | 13.48 * | |
| 25.5 | | | | | | | | | | | |
| | 27.43 * | 26.13 * | 28.72 * | 30.29 * | 30.65 * | 29.66 * | 24.97 * | 28.92 * | 24.39 * | 11.83 * | |
| 22.5 | | | | | | | | | | | |
| | 28.16 * | 26.84 * | 29.50 * | 31.09 * | 31.44 * | 30.42 * | 25.59 * | 29.60 * | 24.91 * | 12.04 * | |
| 19.5 | | | | | | | | | | | |
| | 23.98 * | 22.85 * | 25.09 * | 26.47 * | 26.77 * | 25.86 * | 21.74 * | 25.12 * | 21.10 * | 10.18 * | |
| 17 | | | | | | | | | | | |
| | 19.49 * | 18.55 * | 20.38 * | 21.51 * | 21.75 * | 20.99 * | 17.64 * | 20.38 * | 17.10 * | 8.23 * | |
| 15 | | | | | | | | | | | |
| | 19.72 * | 18.79 * | 20.62 * | 21.74 * | 21.97 * | 21.22 * | 17.85 * | 20.61 * | 17.28 * | 8.30 * | |
| 13 | | | | | | | | | | | |
| | 19.94 * | 18.99 * | 20.82 * | 21.94 * | 22.17 * | 21.42 * | 18.03 * | 20.82 * | 17.44 * | 8.36 * | |
| 11 | | | | | | | | | | | |
| | 20.10 * | 19.15 * | 20.98 * | 22.13 * | 22.36 * | 21.60 * | 18.19 * | 20.98 * | 17.56 * | 8.42 * | |
| 9 | | | | | | | | | | | |
| | 20.24 * | 19.28 * | 21.14 * | 22.28 * | 22.53 * | 21.77 * | 18.32 * | 21.12 * | 17.66 * | 8.46 * | |
| 7 | | | | | | | | | | | |
| | 20.35 * | 19.40 * | 21.27 * | 22.39 * | 22.65 * | 21.90 * | 18.41 * | 21.21 * | 17.74 * | 8.50 * | |
| 5 | | | | | | | | | | | |
| | 20.43 * | 19.47 * | 21.36 * | 22.48 * | 22.73 * | 21.98 * | 18.48 * | 21.29 * | 17.81 * | 8.53 * | |
| 3 | | | | | | | | | | | |
| | 20.46 * | 19.50 * | 21.41 * | 22.53 * | 22.78 * | 22.03 * | 18.51 * | 21.33 * | 17.85 * | 8.55 * | |
| 1 | | | | | | | | | | | |
| | 10.23 * | 9.76 * | 10.71 * | 11.27 * | 11.40 * | 11.02 * | 9.27 * | 10.67 * | 8.92 * | 4.27 * | |
| 0 | | | | | | | | | | | |
| | 10.23 * | 9.75 * | 10.71 * | 11.27 * | 11.40 * | 11.02 * | 9.26 * | 10.67 * | 8.92 * | 4.27 * | |
| -1 | | | | | | | | | | | |
| | 20.44 * | 19.48 * | 21.39 * | 22.51 * | 22.77 * | 22.02 * | 18.51 * | 21.32 * | 17.84 * | 8.54 * | |
| -3 | | | | | | | | | | | |
| | 20.39 * | 19.43 * | 21.34 * | 22.45 * | 22.70 * | 21.97 * | 18.47 * | 21.27 * | 17.80 * | 8.53 * | |
| -5 | | | | | | | | | | | |
| | 20.30 * | 19.35 * | 21.25 * | 22.36 * | 22.62 * | 21.89 * | 18.40 * | 21.19 * | 17.73 * | 8.50 * | |
| -7 | | | | | | | | | | | |
| | 20.18 * | 19.25 * | 21.12 * | 22.26 * | 22.52 * | 21.76 * | 18.30 * | 21.09 * | 17.65 * | 8.46 * | |
| -9 | | | | | | | | | | | |
| | 20.03 * | 19.11 * | 20.97 * | 22.10 * | 22.36 * | 21.60 * | 18.16 * | 20.95 * | 17.55 * | 8.41 * | |
| -11 | | | | | | | | | | | |
| | 19.85 * | 18.93 * | 20.77 * | 21.89 * | 22.15 * | 21.42 * | 18.01 * | 20.80 * | 17.43 * | 8.36 * | |
| -13 | | | | | | | | | | | |
| | 19.64 * | 18.72 * | 20.54 * | 21.64 * | 21.91 * | 21.19 * | 17.83 * | 20.61 * | 17.27 * | 8.29 * | |
| -15 | | | | | | | | | | | |
| | 19.40 * | 18.49 * | 20.30 * | 21.39 * | 21.65 * | 20.94 * | 17.62 * | 20.38 * | 17.09 * | 8.22 * | |
| -17 | | | | | | | | | | | |
| | 23.87 * | 22.77 * | 25.01 * | 26.36 * | 26.68 * | 25.79 * | 21.72 * | 25.13 * | 21.09 * | 10.17 * | |
| -19.5 | | | | | | | | | | | |
| | 28.04 * | 26.73 * | 29.37 * | 31.01 * | 31.39 * | 30.35 * | 25.56 * | 29.59 * | 24.90 * | 12.04 * | |
| -22.5 | | | | | | | | | | | |
| | 27.30 * | 26.01 * | 28.61 * | 30.21 * | 30.58 * | 29.57 * | 24.91 * | 28.88 * | 24.36 * | 11.82 * | |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

LUMENS TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -25.5 | 30.81 * | 29.39 * | 32.33 * | 34.12 * | 34.52 * | 33.39 * | 28.16 * | 32.68 * | 27.63 * | 13.48 * |
| -29 | 33.72 * | 32.17 * | 35.36 * | 37.29 * | 37.74 * | 36.57 * | 30.88 * | 35.88 * | 30.46 * | 14.96 * |
| -33 | 35.78 * | 34.12 * | 37.50 * | 39.56 * | 40.10 * | 38.90 * | 32.88 * | 38.32 * | 32.71 * | 16.17 * |
| -37.5 | 36.85 * | 35.14 * | 38.65 * | 40.80 * | 41.39 * | 40.23 * | 34.05 * | 39.81 * | 34.19 * | 17.06 * |
| -42.5 | 33.54 * | 32.01 * | 35.24 * | 37.23 * | 37.80 * | 36.80 * | 31.26 * | 36.71 * | 31.76 * | 16.06 * |
| -47.5 | 43.73 * | 41.80 * | 46.10 * | 48.81 * | 49.68 * | 48.49 * | 41.38 * | 48.98 * | 42.84 * | 22.08 * |
| -55 | 45.96 * | 44.05 * | 48.71 * | 51.78 * | 52.93 * | 51.94 * | 44.66 * | 53.46 * | 47.77 * | 25.38 * |
| -65 | 32.38 * | 31.13 * | 34.56 * | 36.94 * | 38.02 * | 37.70 * | 32.82 * | 40.02 * | 36.90 * | 20.19 * |
| -75 | 19.46 * | 18.78 * | 20.95 * | 22.56 * | 23.48 * | 23.57 * | 20.80 * | 25.93 * | 24.75 * | 14.22 * |
| -85 | 4.68 | 4.55 | 5.15 | 5.64 | 6.01 | 6.19 | 5.62 | 7.26 | 7.40 | 4.75 |
| -90 | | | | | | | | | | |
| Total | 1138.09 | 1086.72 | 1196.42 | 1265.24 | 1285.42 | 1250.54 | 1061.29 | 1244.44 | 1073.52 | 540.47 |

| Vert. Angles | Horizontal Angles | | | |
|-----------------|-------------------|-----------|-----------|--------------|
| | <u>75</u> | <u>85</u> | <u>90</u> | <u>Total</u> |
| 90 | | | | |
| | 2.21 | 0.26 | | 95.74 |
| 85 | | | | |
| | 5.68 | 0.56 | | 369.90 |
| 75 | | | | |
| | 7.30 * | 0.61 | | 588.23 |
| 65 | | | | |
| | 8.73 * | 0.66 | | 815.82 |
| 55 | | | | |
| | 7.34 * | 0.52 | | 764.96 |
| 47.5 | | | | |
| | 5.23 * | 0.36 | | 581.08 |
| 42.5 | | | | |
| | 5.48 * | 0.37 | | 634.72 |
| 37.5 | | | | |
| | 5.13 * | 0.34 | | 614.08 |
| 33 | | | | |
| | 4.71 * | 0.31 | | 577.08 |
| 29 | | | | |
| | 4.22 * | 0.27 | | 526.74 |
| 25.5 | | | | |
| | 3.68 * | 0.24 | | 466.28 |
| 22.5 | | | | |
| | 3.73 * | 0.24 | | 478.39 |
| 19.5 | | | | |
| | 3.14 * | 0.20 | | 406.73 |
| 17 | | | | |
| | 2.54 * | 0.16 | | 330.23 |
| 15 | | | | |
| | 2.55 * | 0.16 | | 333.98 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

LUMENS TABULATION - (Cont.)

| | | | |
|--------------|--------|------|--------|
| 13 | | | |
| | 2.57 * | 0.16 | 337.14 |
| 11 | | | |
| | 2.59 * | 0.16 | 339.92 |
| 9 | | | |
| | 2.59 * | 0.16 | 342.27 |
| 7 | | | |
| | 2.60 * | 0.16 | 344.02 |
| 5 | | | |
| | 2.61 * | 0.16 | 345.23 |
| 3 | | | |
| | 2.61 * | 0.16 | 345.98 |
| 1 | | | |
| | 1.30 * | 0.08 | 173.13 |
| 0 | | | |
| | 1.30 * | 0.08 | 173.12 |
| -1 | | | |
| | 2.61 * | 0.16 | 345.76 |
| -3 | | | |
| | 2.61 * | 0.16 | 344.78 |
| -5 | | | |
| | 2.60 * | 0.16 | 343.42 |
| -7 | | | |
| | 2.59 * | 0.16 | 341.64 |
| -9 | | | |
| | 2.59 * | 0.16 | 339.30 |
| -11 | | | |
| | 2.57 * | 0.16 | 336.41 |
| -13 | | | |
| | 2.55 * | 0.16 | 332.98 |
| -15 | | | |
| | 2.53 * | 0.16 | 329.14 |
| -17 | | | |
| | 3.14 * | 0.20 | 405.45 |
| -19.5 | | | |
| | 3.73 * | 0.24 | 476.66 |
| -22.5 | | | |
| | 3.67 * | 0.24 | 464.52 |
| -25.5 | | | |
| | 4.21 * | 0.27 | 524.50 |
| -29 | | | |
| | 4.70 * | 0.31 | 574.26 |
| -33 | | | |
| | 5.13 * | 0.34 | 610.66 |
| -37.5 | | | |
| | 5.47 * | 0.37 | 630.35 |
| -42.5 | | | |
| | 5.22 * | 0.36 | 576.24 |
| -47.5 | | | |
| | 7.33 * | 0.52 | 756.94 |
| -55 | | | |
| | 8.70 * | 0.65 | 805.86 |
| -65 | | | |
| | 7.26 * | 0.61 | 579.16 |
| -75 | | | |
| | 5.66 | 0.56 | 357.86 |

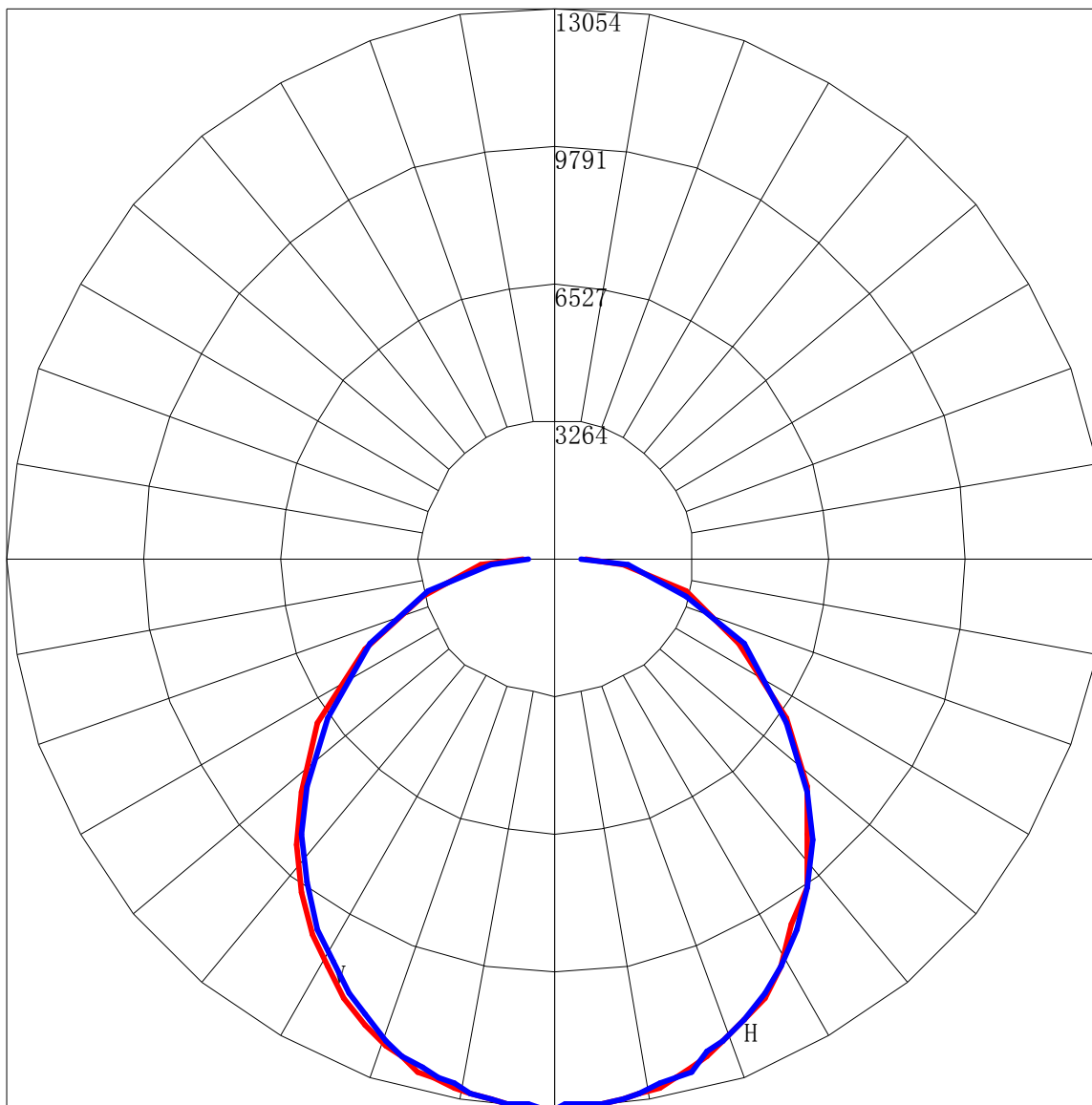
IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

LUMENS TABULATION - (Cont.)

| | | | |
|--------------|--------|-------|----------|
| -85 | 2.22 | 0.26 | 92.47 |
| -90 | | | |
| Total | 176.94 | 12.61 | 19553.12 |

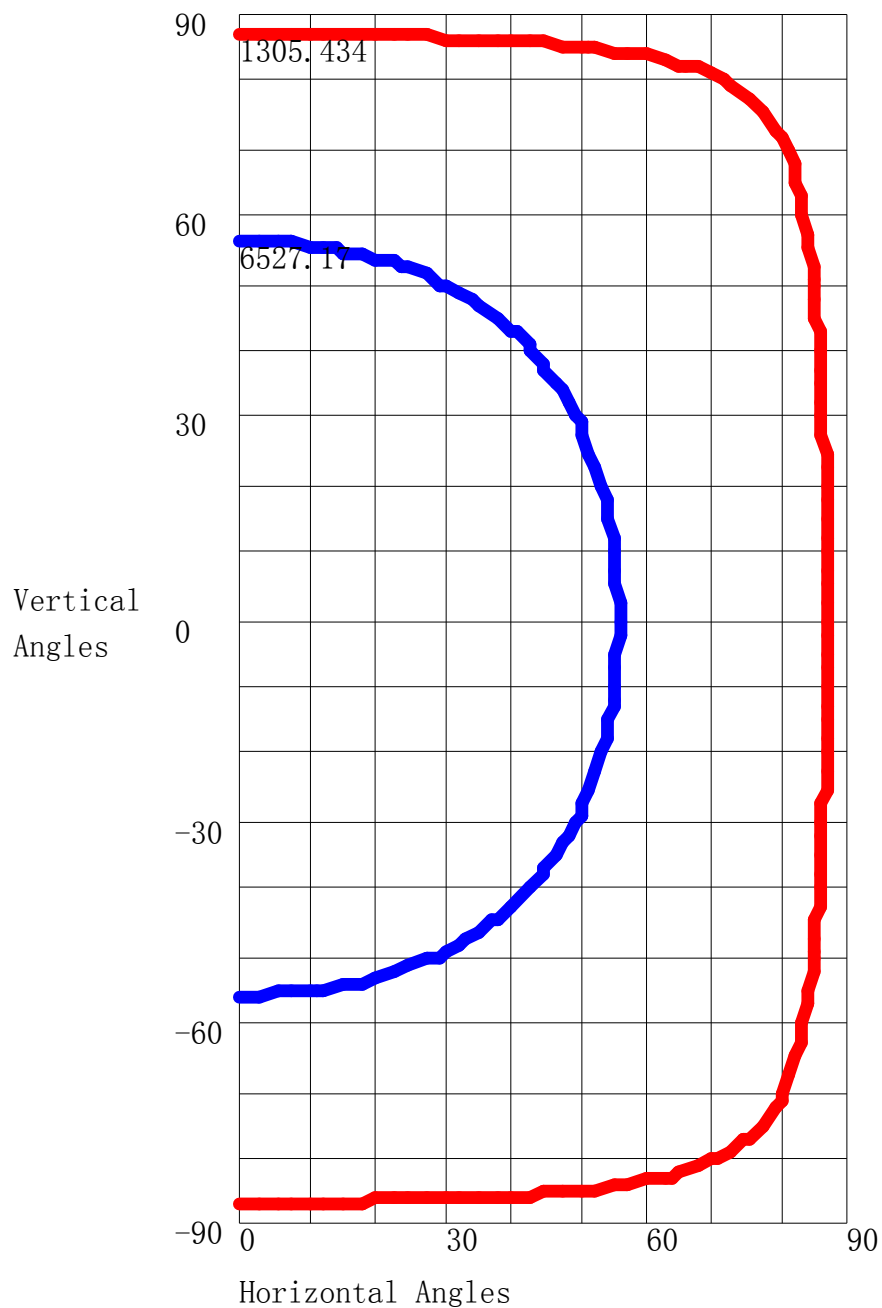
IES FLOOD REPORT
PHOTOMETRIC FILENAME : GC301-300W-P540-D1-PCD-HK.IES

AXIAL CANDELA DISPLAY



Maximum Candela = 13054.34 Located At Horizontal Angle = 1, Vertical Angle = -3
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 13054.34 Located At Horizontal Angle = 1, Vertical Angle = -3
50% Maximum Candela = 6527.17
10% Maximum Candela = 1305.434