

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P386866

Luminaire Tested: **GWC-SA2C-750-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P386866  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GWC-SA2C-750-U-SLL-HSS  
Description: GALLEON WALL LUMINAIRE  
(2) 70 CRI, 5000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10943 lumens  
Efficiency: N/A  
Efficacy: 96.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G2

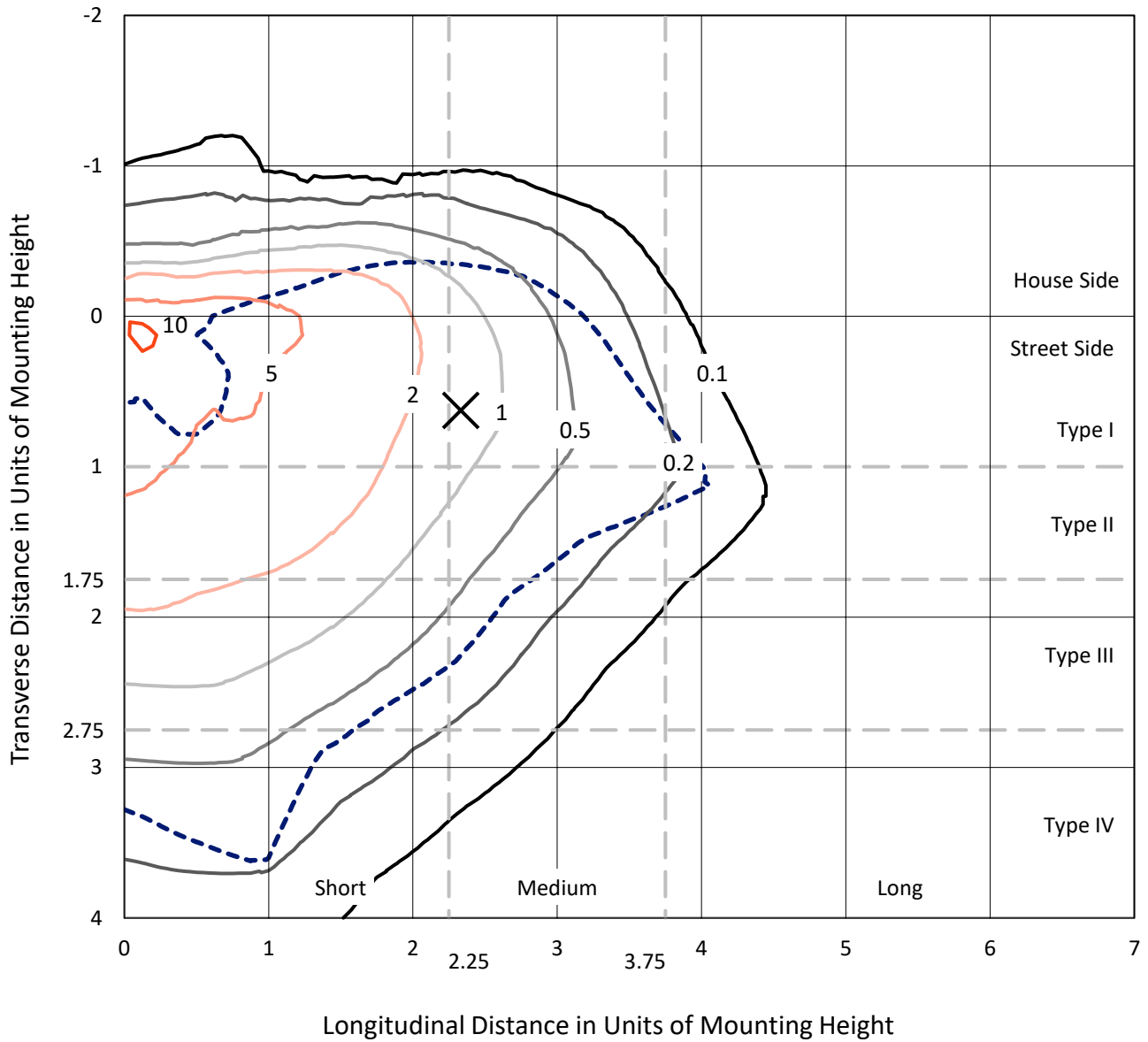
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

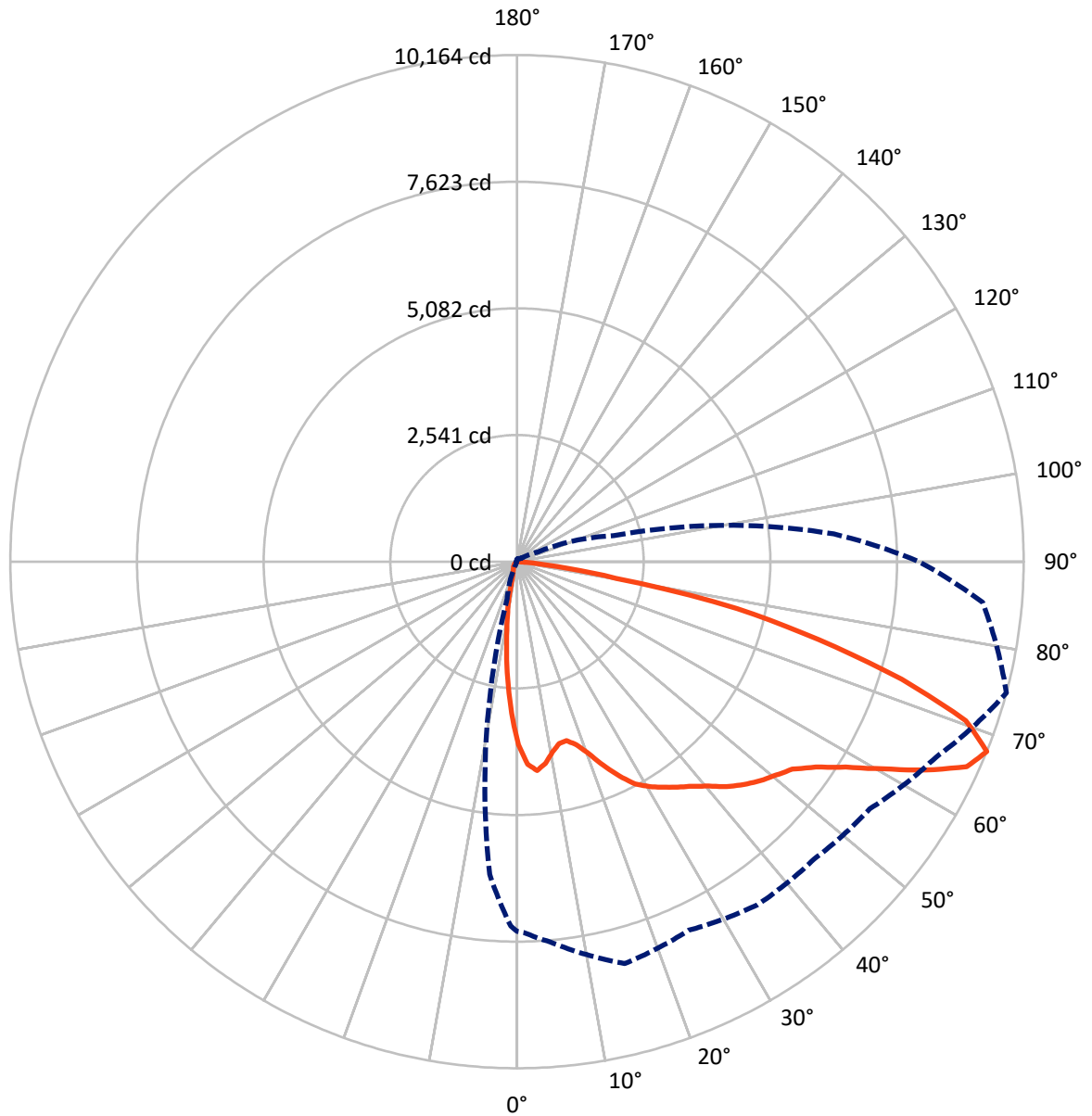
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 11.9 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical



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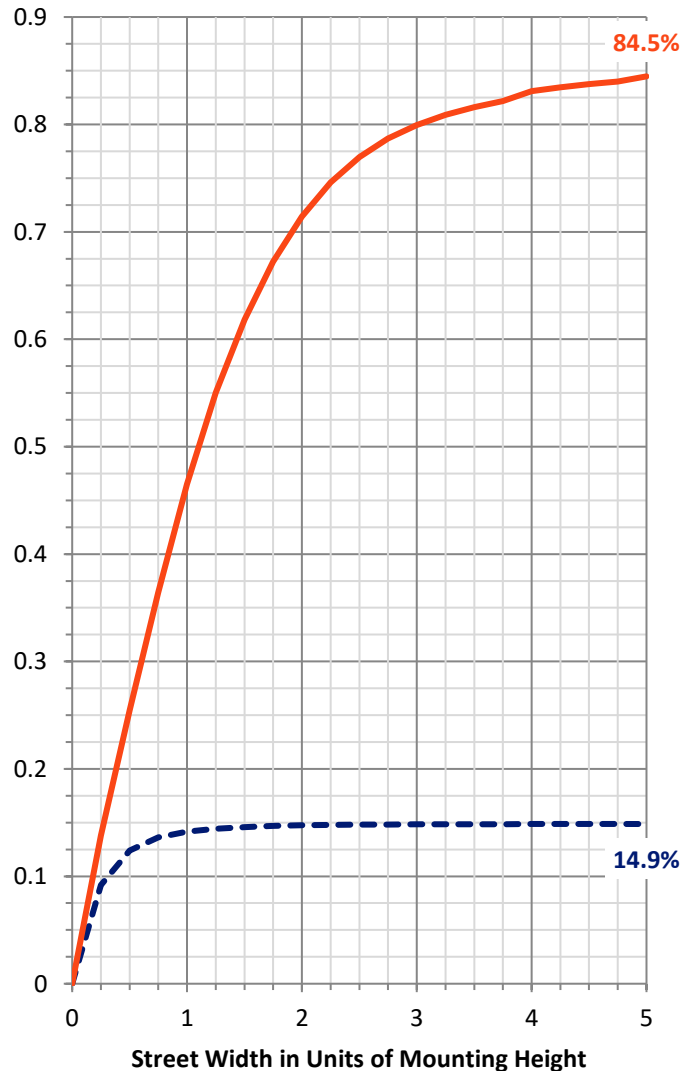
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1642.1   | 0.0    | 1642.1  |
|                    | % Fixture | 15.0     | 0.0    | 15.0    |
| <b>Street Side</b> | Lumens    | 9300.9   | 0.0    | 9300.9  |
|                    | % Fixture | 85.0     | 0.0    | 85.0    |
| <b>Total</b>       | Lumens    | 10943.0  | 0.0    | 10943.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 278.5   | 2.5       |
| 10°-20°   | 548.3   | 5.0       |
| 20°-30°   | 775.7   | 7.1       |
| 30°-40°   | 1140.5  | 10.4      |
| 40°-50°   | 1639.3  | 15.0      |
| 50°-60°   | 2307.7  | 21.1      |
| 60°-70°   | 2695.2  | 24.6      |
| 70°-80°   | 1375.0  | 12.6      |
| 80°-90°   | 182.7   | 1.7       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 10943.0 | 100.0     |
| 0°-180°   | 10943.0 | 100.0     |

**Coefficient of Utilization**



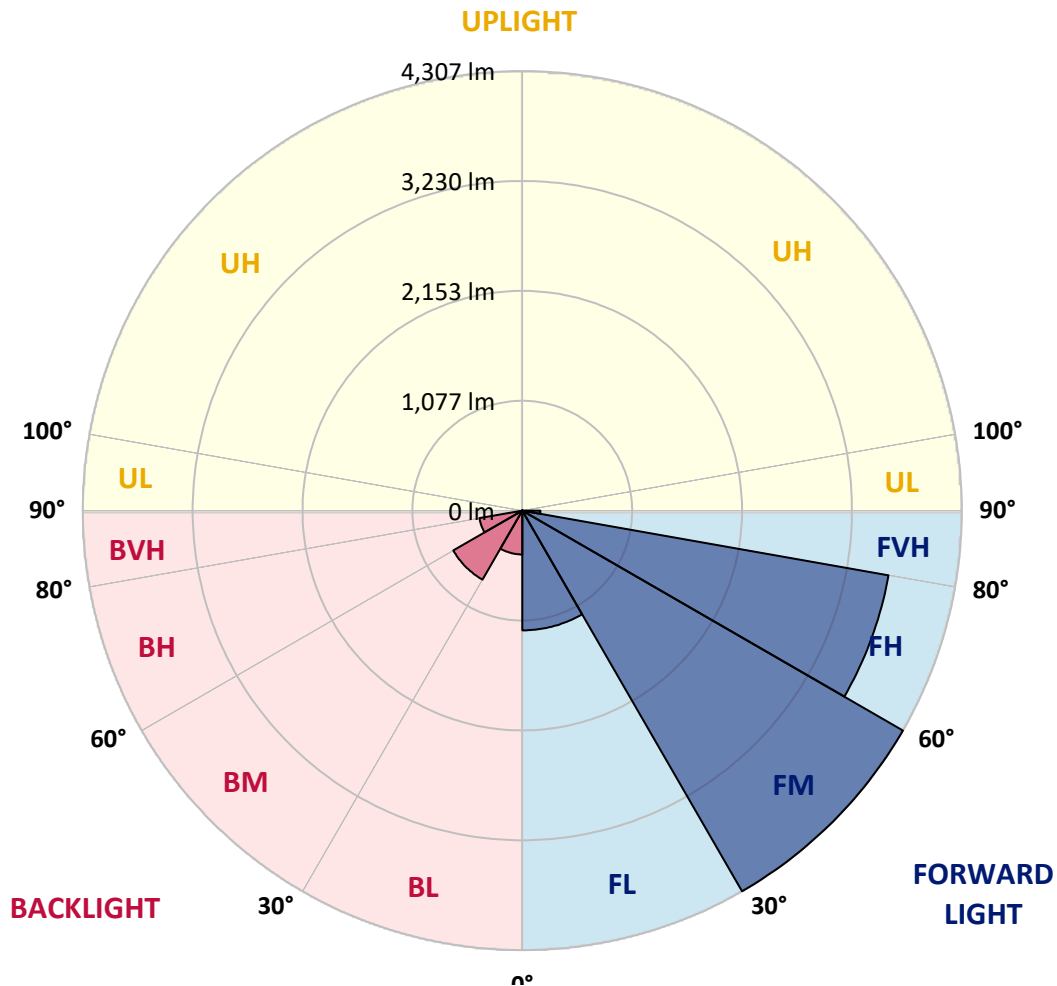
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1173.1 | 10.7      |                         |      |         |
| FM (30°-60°)   | 4307.0 | 39.4      |                         |      |         |
| FH (60°-80°)   | 3643.7 | 33.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 177.1  | 1.6       |                         |      | G2/225  |
| BL (0°-30°)    | 429.4  | 3.9       | B1/500                  |      |         |
| BM (30°-60°)   | 780.6  | 7.1       | B1/1000                 |      |         |
| BH (60°-80°)   | 426.5  | 3.9       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 5.5    | 0.1       |                         |      | G0/10   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°     | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 0°    | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2  | 3671.2 |
| 2.5°  | 3979.6 | 3985.8 | 4018.0 | 4092.6 | 4174.0 | 4180.2 | 4235.2 | 4178.7 | 4159.5 | 4068.3  | 3973.9 |
| 5°    | 4009.7 | 4033.5 | 4144.0 | 4363.2 | 4553.5 | 4614.6 | 4658.2 | 4547.3 | 4430.6 | 4207.7  | 3969.8 |
| 7.5°  | 3767.6 | 3807.5 | 3981.2 | 4392.8 | 4732.8 | 4883.2 | 4911.7 | 4738.0 | 4452.4 | 4085.4  | 3727.7 |
| 10°   | 3457.6 | 3503.2 | 3712.7 | 4218.6 | 4685.7 | 4943.3 | 4982.7 | 4755.1 | 4344.6 | 3887.4  | 3465.9 |
| 12.5° | 3206.7 | 3260.1 | 3474.2 | 4022.7 | 4523.4 | 4808.5 | 4886.3 | 4697.6 | 4251.3 | 3746.9  | 3287.1 |
| 15°   | 3091.1 | 3152.3 | 3377.3 | 3896.2 | 4343.5 | 4568.0 | 4632.3 | 4550.9 | 4199.4 | 3724.6  | 3245.6 |
| 17.5° | 3157.5 | 3223.8 | 3456.1 | 3907.1 | 4174.5 | 4270.4 | 4322.3 | 4355.5 | 4199.4 | 3858.8  | 3366.9 |
| 20°   | 3429.6 | 3501.2 | 3746.9 | 4017.5 | 4034.6 | 3998.8 | 4054.3 | 4170.9 | 4248.1 | 4113.9  | 3658.2 |
| 22.5° | 3806.0 | 3889.9 | 4167.3 | 4206.7 | 3966.1 | 3830.9 | 3838.1 | 4021.1 | 4336.8 | 4437.4  | 4062.6 |
| 25°   | 4264.7 | 4367.4 | 4649.4 | 4488.7 | 3994.7 | 3730.8 | 3728.2 | 3897.7 | 4423.4 | 4761.3  | 4513.0 |
| 27.5° | 4720.4 | 4833.4 | 5081.2 | 4832.9 | 4112.3 | 3712.7 | 3707.5 | 3860.4 | 4507.9 | 5049.6  | 5005.0 |
| 30°   | 5102.4 | 5212.3 | 5425.9 | 5082.2 | 4239.3 | 3755.2 | 3730.3 | 3900.3 | 4558.1 | 5236.7  | 5363.7 |
| 32.5° | 5413.5 | 5501.6 | 5674.2 | 5253.8 | 4375.2 | 3837.6 | 3783.7 | 4007.1 | 4643.7 | 5394.8  | 5693.4 |
| 35°   | 5755.6 | 5848.4 | 5917.3 | 5417.1 | 4527.6 | 3956.3 | 3879.1 | 4176.6 | 4775.3 | 5555.5  | 6054.7 |
| 37.5° | 6146.0 | 6238.2 | 6229.9 | 5566.4 | 4720.9 | 4152.8 | 4103.5 | 4445.1 | 4980.1 | 5714.7  | 6458.0 |
| 40°   | 6528.0 | 6622.3 | 6555.0 | 5729.7 | 4948.0 | 4476.8 | 4440.5 | 4848.4 | 5254.3 | 5918.4  | 6930.8 |
| 42.5° | 6885.7 | 6987.8 | 6843.7 | 5884.2 | 5218.6 | 4885.2 | 4947.4 | 5367.9 | 5597.5 | 6169.3  | 7338.2 |
| 45°   | 7173.9 | 7278.1 | 7085.8 | 6034.5 | 5503.7 | 5380.8 | 5568.0 | 5943.3 | 6010.1 | 6381.3  | 7613.5 |
| 47.5° | 7383.3 | 7481.8 | 7253.7 | 6184.8 | 5868.6 | 5986.8 | 6312.9 | 6546.7 | 6382.9 | 6565.3  | 7808.9 |
| 50°   | 7517.1 | 7593.8 | 7303.0 | 6373.0 | 6347.6 | 6693.9 | 7088.9 | 7202.9 | 6733.8 | 6731.2  | 8046.3 |
| 52.5° | 7602.1 | 7636.8 | 7339.3 | 6569.5 | 6847.3 | 7463.7 | 7848.8 | 7884.6 | 7095.1 | 6913.7  | 8366.2 |
| 55°   | 7895.0 | 7923.0 | 7596.4 | 6807.4 | 7260.5 | 8138.1 | 8536.2 | 8503.0 | 7504.1 | 7270.8  | 8743.6 |
| 57.5° | 8394.7 | 8424.2 | 8127.7 | 7149.5 | 7594.8 | 8554.9 | 9034.4 | 9094.0 | 7983.6 | 7772.6  | 9147.9 |
| 60°   | 8645.6 | 8700.5 | 8594.8 | 7582.9 | 7918.8 | 8821.3 | 9373.9 | 9564.2 | 8582.9 | 8434.1  | 9539.8 |
| 62.5° | 8418.0 | 8497.9 | 8651.3 | 8063.4 | 8240.7 | 8968.0 | 9479.7 | 9732.6 | 9196.6 | 9204.9  | 9781.4 |
| 65°   | 7963.9 | 8027.7 | 8287.9 | 8326.8 | 8427.4 | 8949.9 | 9218.4 | 9497.3 | 9572.5 | 9913.0  | 9768.4 |
| 67.5° | 7415.5 | 7439.3 | 7660.1 | 8347.5 | 8156.8 | 8404.5 | 8433.6 | 8639.9 | 9275.4 | 10163.9 | 9376.0 |
| 70°   | 6626.0 | 6638.9 | 6831.8 | 7653.4 | 7009.6 | 7064.0 | 7021.0 | 7063.0 | 7974.3 | 9552.8  | 8385.4 |
| 72.5° | 5332.6 | 5365.3 | 5639.5 | 6355.9 | 5106.6 | 4949.5 | 5287.5 | 5268.8 | 6141.3 | 8070.7  | 6227.9 |
| 75°   | 3926.2 | 3982.7 | 4396.9 | 5119.6 | 3584.1 | 3242.0 | 3488.7 | 3554.6 | 4365.8 | 6242.9  | 3894.6 |
| 77.5° | 2749.0 | 2791.0 | 3192.2 | 3763.5 | 2594.0 | 2318.2 | 2229.0 | 2307.3 | 2881.7 | 4516.2  | 1962.1 |
| 80°   | 1583.7 | 1599.2 | 1855.3 | 2173.1 | 1748.0 | 1999.9 | 1811.7 | 1865.7 | 1726.7 | 2009.3  | 843.9  |
| 82.5° | 1036.2 | 1038.8 | 1138.9 | 1293.4 | 1088.6 | 1264.9 | 936.2  | 1196.9 | 1062.2 | 807.1   | 274.7  |
| 85°   | 559.9  | 563.0  | 660.4  | 918.1  | 616.4  | 348.4  | 204.8  | 420.4  | 656.8  | 185.1   | 75.2   |
| 87.5° | 61.7   | 56.5   | 199.1  | 333.8  | 171.1  | 31.6   | 10.9   | 47.2   | 105.2  | 11.9    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 |
| 2.5°  | 3925.7 | 3882.7 | 3775.4 | 3661.9 | 3570.6 | 3485.1 | 3399.0 | 3293.8 | 3212.4 | 3195.8 | 3168.9 |
| 5°    | 3841.7 | 3705.4 | 3480.4 | 3254.4 | 3072.5 | 2842.8 | 2697.1 | 2583.6 | 2472.7 | 2465.9 | 2443.7 |
| 7.5°  | 3548.3 | 3369.0 | 3052.2 | 2739.7 | 2483.6 | 2264.8 | 2044.0 | 1896.2 | 1780.1 | 1739.2 | 1714.8 |
| 10°   | 3266.3 | 3064.7 | 2669.2 | 2312.5 | 2083.9 | 1890.5 | 1735.0 | 1580.6 | 1440.6 | 1344.2 | 1300.6 |
| 12.5° | 3069.3 | 2846.4 | 2410.5 | 2103.1 | 1939.3 | 1755.8 | 1566.0 | 1373.2 | 1212.0 | 1095.9 | 1024.8 |
| 15°   | 2993.1 | 2755.2 | 2323.9 | 2020.1 | 1818.0 | 1585.7 | 1343.1 | 1122.8 | 944.0  | 838.7  | 775.0  |
| 17.5° | 3083.9 | 2807.0 | 2317.2 | 1919.1 | 1636.5 | 1347.8 | 1079.8 | 819.6  | 651.1  | 571.3  | 530.3  |
| 20°   | 3314.0 | 2971.9 | 2314.6 | 1795.2 | 1420.9 | 1065.8 | 731.4  | 539.1  | 437.0  | 392.4  | 373.2  |
| 22.5° | 3639.6 | 3182.4 | 2335.3 | 1672.8 | 1196.4 | 761.5  | 504.9  | 396.0  | 343.7  | 319.8  | 309.0  |
| 25°   | 4058.4 | 3477.8 | 2393.9 | 1561.9 | 985.4  | 568.1  | 393.5  | 331.8  | 295.0  | 276.3  | 268.5  |
| 27.5° | 4504.7 | 3817.9 | 2485.1 | 1465.5 | 813.9  | 453.1  | 336.9  | 284.1  | 257.6  | 244.7  | 237.4  |
| 30°   | 4872.8 | 4211.9 | 2577.4 | 1358.2 | 689.4  | 395.0  | 308.4  | 259.2  | 228.6  | 220.3  | 213.6  |
| 32.5° | 5194.7 | 4509.9 | 2642.7 | 1261.2 | 608.1  | 350.9  | 278.9  | 231.7  | 211.0  | 194.9  | 187.7  |
| 35°   | 5528.0 | 4758.2 | 2640.6 | 1193.3 | 552.1  | 317.8  | 254.0  | 207.4  | 182.5  | 163.8  | 158.1  |
| 37.5° | 5888.8 | 5038.7 | 2595.5 | 1135.3 | 527.7  | 291.3  | 240.0  | 194.4  | 169.5  | 150.8  | 143.6  |
| 40°   | 6311.3 | 5333.1 | 2549.4 | 1080.8 | 521.0  | 270.1  | 230.2  | 184.0  | 157.6  | 139.4  | 132.2  |
| 42.5° | 6722.9 | 5598.5 | 2509.0 | 1040.4 | 491.9  | 269.6  | 221.3  | 176.3  | 148.3  | 130.6  | 122.3  |
| 45°   | 7052.1 | 5845.8 | 2501.2 | 1016.0 | 461.4  | 278.9  | 216.7  | 171.1  | 141.0  | 123.4  | 115.6  |
| 47.5° | 7325.8 | 6114.3 | 2551.0 | 998.9  | 432.3  | 254.5  | 228.1  | 167.4  | 134.3  | 117.2  | 108.3  |
| 50°   | 7651.3 | 6444.0 | 2668.1 | 970.9  | 401.7  | 229.1  | 261.3  | 168.5  | 128.6  | 110.9  | 101.6  |
| 52.5° | 8105.4 | 6900.2 | 2840.2 | 923.8  | 359.8  | 205.8  | 257.1  | 169.5  | 122.3  | 104.2  | 94.9   |
| 55°   | 8614.5 | 7469.9 | 3025.3 | 845.5  | 301.2  | 175.2  | 220.3  | 162.3  | 110.4  | 96.9   | 88.1   |
| 57.5° | 9149.5 | 7986.7 | 3135.2 | 752.2  | 239.5  | 151.4  | 176.3  | 147.7  | 97.5   | 87.1   | 81.4   |
| 60°   | 9233.4 | 8183.2 | 3084.9 | 637.6  | 190.2  | 131.7  | 130.6  | 150.3  | 87.1   | 76.7   | 72.6   |
| 62.5° | 9024.5 | 7936.4 | 2841.8 | 535.5  | 159.1  | 115.6  | 107.3  | 131.2  | 78.8   | 68.4   | 64.3   |
| 65°   | 8622.8 | 7269.3 | 2447.8 | 482.6  | 147.7  | 99.0   | 89.2   | 92.3   | 68.9   | 59.6   | 56.0   |
| 67.5° | 8064.0 | 6378.7 | 2009.8 | 452.5  | 146.2  | 85.0   | 76.2   | 70.0   | 59.6   | 51.8   | 48.7   |
| 70°   | 6921.5 | 5313.9 | 1603.4 | 436.0  | 142.0  | 71.5   | 64.3   | 57.0   | 49.8   | 44.1   | 41.5   |
| 72.5° | 5094.2 | 3765.5 | 1247.2 | 417.8  | 143.1  | 57.0   | 56.0   | 47.2   | 39.9   | 34.2   | 33.2   |
| 75°   | 2943.4 | 2151.3 | 818.0  | 338.5  | 136.3  | 44.1   | 46.7   | 33.2   | 28.0   | 23.8   | 23.8   |
| 77.5° | 1568.6 | 1312.0 | 311.5  | 141.0  | 49.8   | 28.0   | 26.4   | 19.7   | 17.6   | 14.5   | 14.0   |
| 80°   | 683.7  | 577.5  | 93.8   | 39.4   | 27.5   | 15.0   | 9.8    | 8.8    | 7.8    | 6.2    | 5.7    |
| 82.5° | 242.1  | 208.9  | 30.6   | 19.2   | 11.9   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 54.9   | 39.4   | 0.0    | 4.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 |
| 2.5°  | 3113.9 | 3102.5 | 3035.1 | 3037.7 | 3049.6 | 3066.8 | 3026.3 | 3045.0 | 3095.3 | 3143.5 | 3161.6 |
| 5°    | 2407.9 | 2410.5 | 2369.5 | 2394.9 | 2417.7 | 2433.3 | 2368.0 | 2369.0 | 2408.9 | 2463.4 | 2491.9 |
| 7.5°  | 1696.7 | 1692.5 | 1694.6 | 1755.2 | 1798.3 | 1767.2 | 1791.5 | 1707.0 | 1712.2 | 1751.1 | 1722.1 |
| 10°   | 1261.2 | 1204.2 | 1172.1 | 1217.7 | 1264.9 | 1247.7 | 1205.8 | 1178.3 | 1197.5 | 1240.5 | 1237.4 |
| 12.5° | 991.1  | 909.2  | 861.0  | 828.4  | 867.3  | 835.1  | 834.1  | 810.2  | 784.3  | 789.0  | 857.9  |
| 15°   | 745.4  | 685.8  | 628.8  | 576.4  | 575.4  | 564.5  | 509.1  | 446.8  | 441.7  | 444.8  | 480.5  |
| 17.5° | 512.7  | 492.5  | 469.1  | 424.0  | 412.1  | 366.5  | 312.6  | 287.7  | 275.3  | 281.0  | 292.9  |
| 20°   | 360.3  | 352.5  | 355.1  | 330.7  | 313.6  | 270.1  | 238.5  | 228.6  | 226.5  | 232.2  | 237.9  |
| 22.5° | 298.6  | 284.6  | 283.0  | 272.2  | 255.0  | 223.4  | 206.3  | 200.6  | 198.0  | 203.2  | 207.4  |
| 25°   | 261.3  | 247.3  | 241.6  | 234.8  | 216.7  | 194.9  | 184.5  | 179.4  | 176.8  | 179.9  | 182.5  |
| 27.5° | 230.2  | 217.2  | 212.0  | 207.4  | 189.7  | 174.2  | 165.9  | 161.2  | 159.1  | 160.2  | 162.8  |
| 30°   | 206.8  | 195.4  | 188.7  | 183.0  | 168.0  | 157.1  | 149.8  | 145.1  | 143.1  | 143.1  | 145.7  |
| 32.5° | 182.5  | 176.3  | 170.0  | 162.8  | 148.8  | 141.5  | 134.3  | 129.1  | 127.0  | 127.5  | 129.6  |
| 35°   | 151.9  | 149.8  | 151.4  | 144.6  | 132.7  | 126.5  | 119.2  | 113.5  | 112.0  | 112.5  | 114.6  |
| 37.5° | 134.8  | 125.4  | 131.2  | 127.5  | 120.8  | 112.5  | 103.2  | 98.0   | 95.4   | 96.9   | 98.0   |
| 40°   | 123.9  | 112.5  | 108.3  | 112.0  | 110.9  | 97.5   | 89.2   | 84.0   | 81.9   | 82.4   | 83.5   |
| 42.5° | 114.6  | 101.1  | 91.8   | 91.2   | 97.5   | 85.0   | 76.2   | 71.5   | 68.9   | 68.9   | 70.0   |
| 45°   | 105.8  | 91.2   | 79.8   | 71.0   | 81.9   | 72.1   | 63.8   | 59.6   | 56.5   | 56.5   | 57.0   |
| 47.5° | 99.0   | 82.9   | 69.5   | 58.1   | 61.7   | 59.1   | 52.4   | 48.2   | 45.1   | 45.1   | 45.6   |
| 50°   | 92.8   | 74.6   | 60.1   | 48.7   | 46.1   | 48.7   | 42.5   | 37.8   | 35.8   | 35.3   | 36.3   |
| 52.5° | 86.1   | 66.4   | 51.3   | 41.5   | 36.3   | 36.8   | 33.2   | 30.1   | 27.5   | 27.5   | 28.5   |
| 55°   | 79.3   | 59.6   | 44.6   | 35.3   | 30.1   | 27.5   | 26.4   | 24.4   | 22.3   | 22.3   | 23.3   |
| 57.5° | 72.6   | 52.4   | 37.8   | 29.0   | 23.8   | 21.8   | 21.8   | 20.2   | 18.7   | 18.7   | 19.7   |
| 60°   | 66.4   | 45.1   | 31.1   | 23.8   | 18.7   | 18.1   | 18.7   | 17.1   | 16.1   | 16.1   | 17.1   |
| 62.5° | 59.1   | 38.4   | 25.4   | 19.7   | 15.0   | 14.5   | 16.1   | 15.0   | 14.0   | 14.0   | 15.0   |
| 65°   | 50.3   | 32.7   | 20.2   | 15.0   | 11.4   | 11.4   | 13.5   | 12.4   | 11.4   | 11.4   | 12.4   |
| 67.5° | 42.5   | 27.5   | 15.6   | 10.9   | 8.3    | 8.8    | 11.4   | 10.4   | 9.8    | 9.8    | 10.9   |
| 70°   | 35.3   | 21.3   | 10.9   | 6.7    | 4.7    | 6.7    | 8.8    | 8.8    | 8.8    | 8.8    | 9.8    |
| 72.5° | 26.4   | 14.5   | 6.2    | 2.6    | 2.1    | 4.7    | 7.3    | 8.3    | 7.8    | 7.8    | 9.3    |
| 75°   | 17.1   | 8.3    | 2.1    | 0.0    | 0.0    | 2.6    | 5.7    | 6.7    | 6.7    | 6.2    | 7.8    |
| 77.5° | 9.8    | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 3.6    | 3.1    | 2.6    | 2.1    | 3.6    |
| 80°   | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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 CATALOG NUMBER: GWC-SA2C-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 | 3671.2 |
| 2.5°  | 3234.7 | 3295.9 | 3381.9 | 3473.2 | 3613.6 | 3725.1 | 3834.5 | 3928.3 | 3964.6 | 3979.6 |
| 5°    | 2560.3 | 2650.0 | 2775.9 | 2937.7 | 3191.2 | 3419.3 | 3650.5 | 3883.2 | 3984.3 | 4009.7 |
| 7.5°  | 1837.1 | 1951.7 | 2111.9 | 2314.6 | 2611.6 | 2907.1 | 3230.0 | 3571.7 | 3728.2 | 3767.6 |
| 10°   | 1359.7 | 1499.7 | 1683.2 | 1896.8 | 2180.3 | 2484.1 | 2836.1 | 3226.4 | 3405.3 | 3457.6 |
| 12.5° | 964.7  | 1153.9 | 1399.6 | 1659.3 | 1905.1 | 2176.2 | 2532.3 | 2962.6 | 3150.2 | 3206.7 |
| 15°   | 566.6  | 749.6  | 1040.4 | 1388.2 | 1702.9 | 1977.6 | 2339.5 | 2827.3 | 3034.1 | 3091.1 |
| 17.5° | 325.0  | 416.3  | 636.1  | 1023.8 | 1451.0 | 1831.4 | 2278.8 | 2861.0 | 3104.6 | 3157.5 |
| 20°   | 248.3  | 277.3  | 366.5  | 659.4  | 1156.5 | 1687.9 | 2278.8 | 3051.7 | 3351.9 | 3429.6 |
| 22.5° | 217.2  | 238.5  | 274.7  | 393.5  | 851.2  | 1533.9 | 2305.2 | 3327.5 | 3719.9 | 3806.0 |
| 25°   | 192.8  | 212.0  | 243.1  | 296.0  | 580.6  | 1350.9 | 2368.0 | 3666.0 | 4153.3 | 4264.7 |
| 27.5° | 172.6  | 190.8  | 218.8  | 259.2  | 397.1  | 1130.1 | 2452.5 | 4063.1 | 4631.2 | 4720.4 |
| 30°   | 154.5  | 171.6  | 197.0  | 225.5  | 306.4  | 879.7  | 2524.5 | 4437.4 | 5006.5 | 5102.4 |
| 32.5° | 137.4  | 152.9  | 175.7  | 197.0  | 250.9  | 650.6  | 2532.3 | 4733.9 | 5318.1 | 5413.5 |
| 35°   | 121.3  | 135.3  | 156.0  | 172.6  | 207.9  | 513.7  | 2411.5 | 4991.0 | 5629.6 | 5755.6 |
| 37.5° | 105.8  | 119.2  | 137.4  | 149.8  | 183.0  | 418.9  | 2227.0 | 5277.7 | 6029.3 | 6146.0 |
| 40°   | 91.2   | 103.2  | 121.8  | 130.1  | 173.1  | 321.9  | 2026.4 | 5578.3 | 6421.2 | 6528.0 |
| 42.5° | 77.8   | 89.2   | 107.3  | 123.4  | 151.9  | 240.5  | 1809.7 | 5860.3 | 6773.7 | 6885.7 |
| 45°   | 64.8   | 76.7   | 94.9   | 130.6  | 126.0  | 179.9  | 1578.0 | 6047.5 | 7052.1 | 7173.9 |
| 47.5° | 52.4   | 65.8   | 90.7   | 124.4  | 100.6  | 132.2  | 1394.5 | 6224.7 | 7263.1 | 7383.3 |
| 50°   | 42.0   | 55.5   | 102.1  | 110.9  | 82.4   | 101.1  | 1317.7 | 6383.4 | 7401.5 | 7517.1 |
| 52.5° | 34.2   | 46.7   | 96.4   | 85.0   | 68.9   | 83.5   | 1359.2 | 6640.5 | 7529.5 | 7602.1 |
| 55°   | 28.5   | 36.8   | 58.1   | 59.1   | 58.6   | 71.0   | 1410.5 | 7009.6 | 7860.8 | 7895.0 |
| 57.5° | 24.9   | 29.5   | 40.4   | 45.6   | 49.2   | 63.2   | 1411.6 | 7539.4 | 8373.4 | 8394.7 |
| 60°   | 21.3   | 25.9   | 33.7   | 36.8   | 42.5   | 56.5   | 1360.2 | 7724.4 | 8575.1 | 8645.6 |
| 62.5° | 18.7   | 22.8   | 28.0   | 30.6   | 35.8   | 50.8   | 1240.0 | 7456.4 | 8298.3 | 8418.0 |
| 65°   | 16.6   | 20.7   | 23.3   | 25.9   | 31.6   | 45.6   | 1042.0 | 6920.4 | 7839.0 | 7963.9 |
| 67.5° | 14.5   | 18.1   | 20.7   | 23.3   | 28.5   | 40.4   | 767.2  | 6297.8 | 7311.8 | 7415.5 |
| 70°   | 13.0   | 16.1   | 18.7   | 20.7   | 24.9   | 34.2   | 465.5  | 5344.0 | 6582.9 | 6626.0 |
| 72.5° | 12.4   | 14.5   | 17.1   | 18.7   | 21.8   | 30.1   | 235.9  | 3927.3 | 5262.6 | 5332.6 |
| 75°   | 10.9   | 13.0   | 15.6   | 16.6   | 19.2   | 25.9   | 95.9   | 2579.5 | 3813.7 | 3926.2 |
| 77.5° | 8.8    | 11.9   | 14.0   | 15.0   | 16.6   | 21.3   | 48.7   | 1648.5 | 2676.4 | 2749.0 |
| 80°   | 3.1    | 8.8    | 11.9   | 12.4   | 14.0   | 15.6   | 32.1   | 902.5  | 1552.6 | 1583.7 |
| 82.5° | 0.0    | 5.7    | 9.3    | 8.8    | 9.8    | 11.9   | 20.7   | 429.2  | 1024.8 | 1036.2 |
| 85°   | 0.0    | 2.6    | 7.3    | 5.7    | 4.1    | 8.3    | 7.3    | 93.8   | 537.6  | 559.9  |
| 87.5° | 0.0    | 0.0    | 0.5    | 2.6    | 2.1    | 3.1    | 1.0    | 0.5    | 48.7   | 61.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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