

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: P324304

Luminaire Tested: **GLEON-SA0D-827-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324304  
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: GLEON-SA0D-827-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(10) 80 CRI, 2700K, 1200mA 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: 41854 lumens  
Efficiency: N/A  
Efficacy: 65.4 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

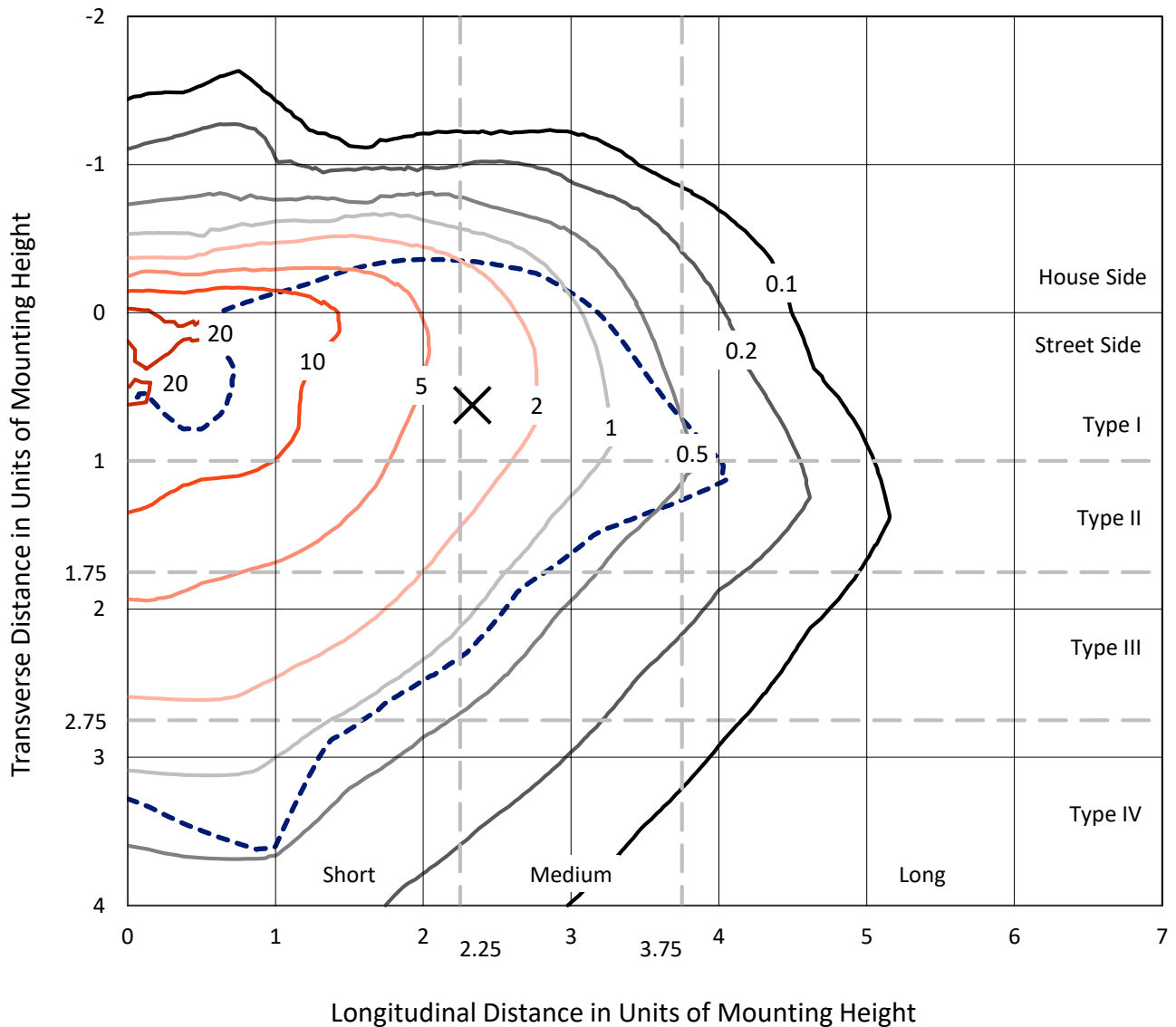
Input Watts (W): 640  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

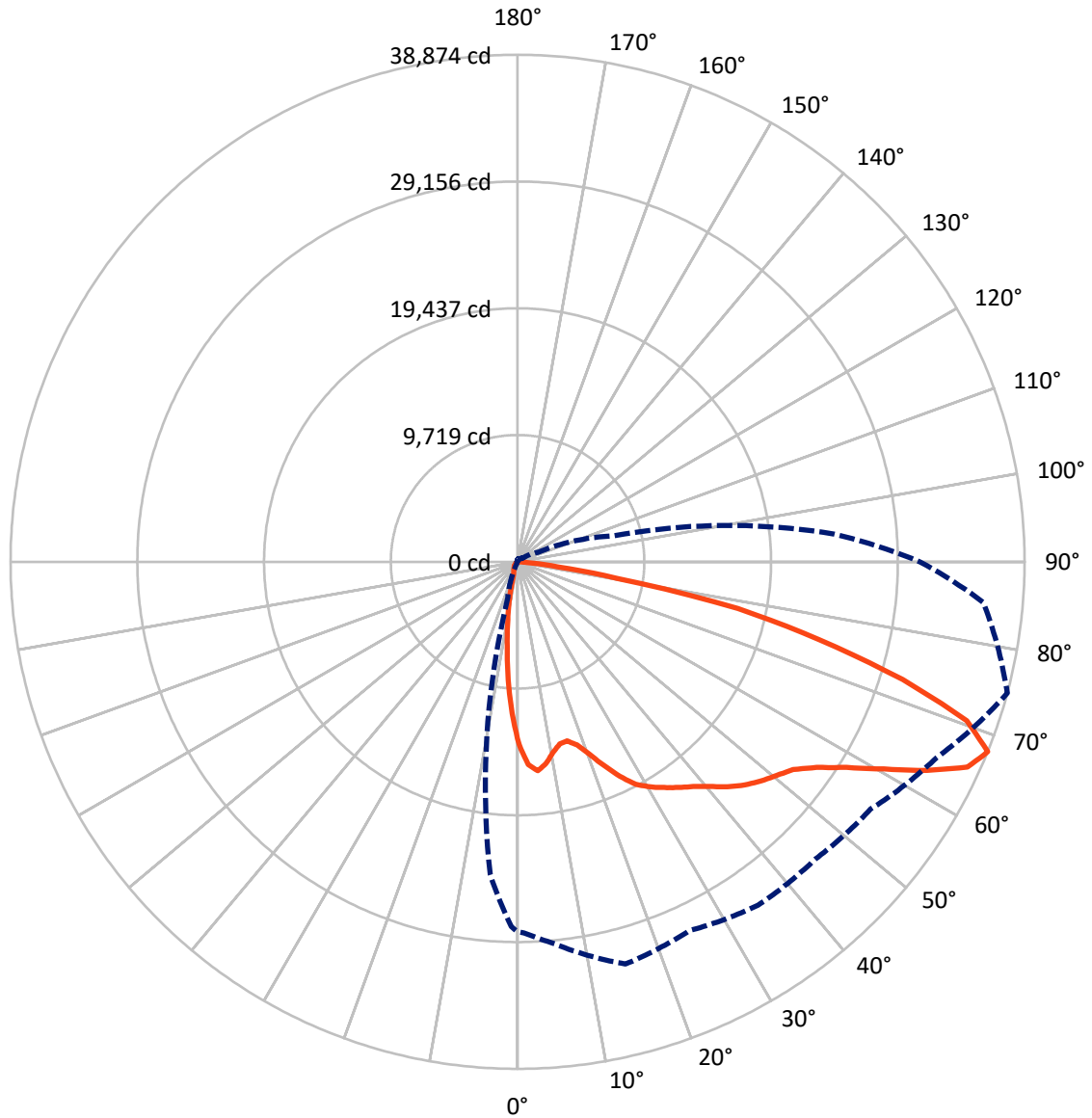
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 29.1 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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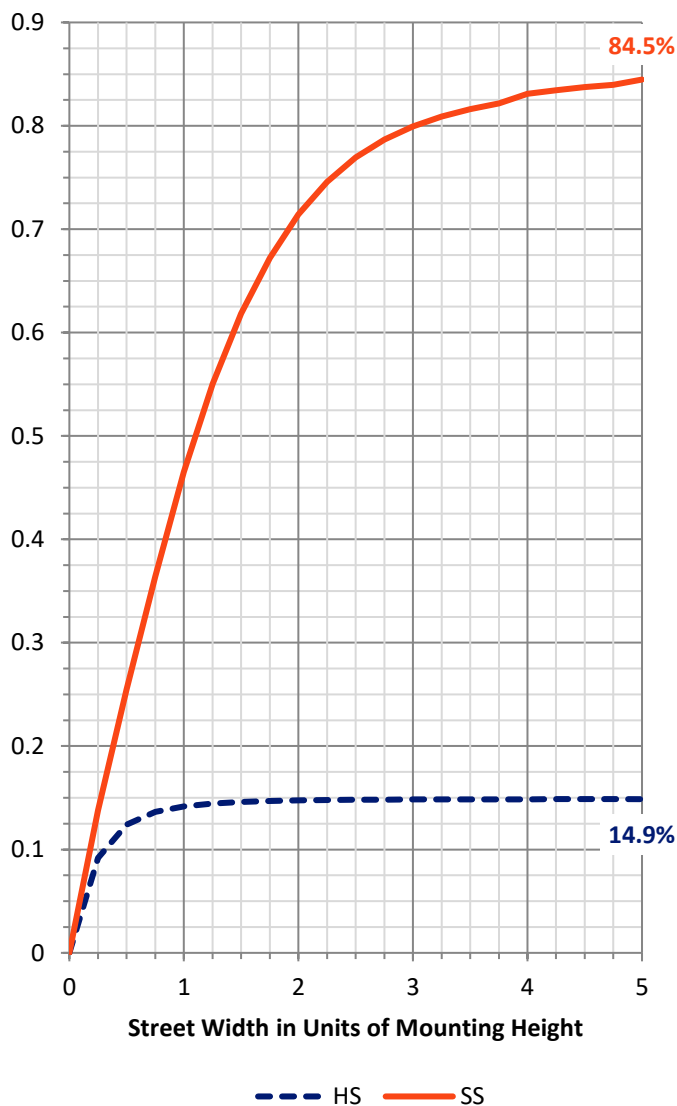
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6280.6   | 0.0    | 6280.6  |
|                    | % Fixture | 15.0     | 0.0    | 15.0    |
| <b>Street Side</b> | Lumens    | 35573.4  | 0.0    | 35573.4 |
|                    | % Fixture | 85.0     | 0.0    | 85.0    |
| <b>Total</b>       | Lumens    | 41854.0  | 0.0    | 41854.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1065.1  | 2.5       |
| 10°-20°   | 2097.2  | 5.0       |
| 20°-30°   | 2966.9  | 7.1       |
| 30°-40°   | 4362.2  | 10.4      |
| 40°-50°   | 6270.0  | 15.0      |
| 50°-60°   | 8826.4  | 21.1      |
| 60°-70°   | 10308.5 | 24.6      |
| 70°-80°   | 5259.0  | 12.6      |
| 80°-90°   | 698.6   | 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°    | 41854.0 | 100.0     |
| 0°-180°   | 41854.0 | 100.0     |

**Coefficient of Utilization**

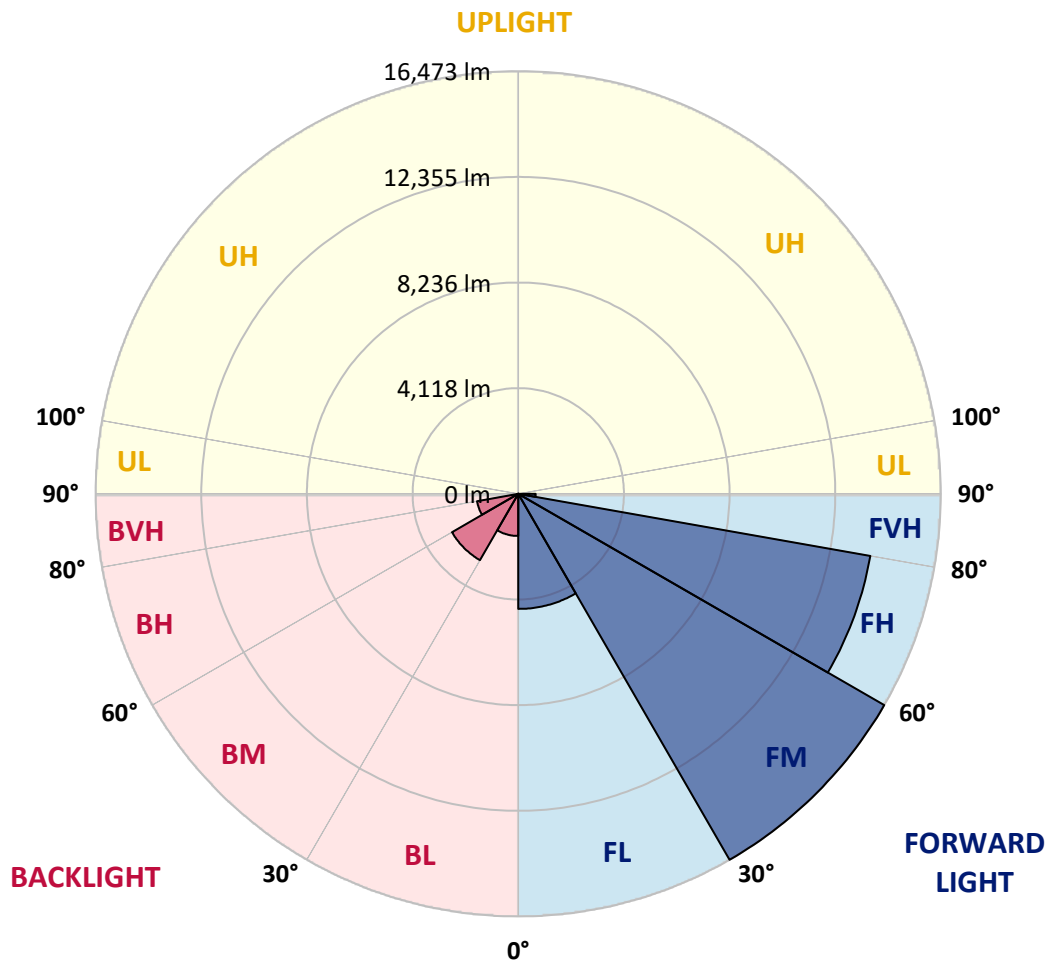


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 4486.8  | 10.7      |                         |      |         |
| FM (30°-60°)   | 16473.0 | 39.4      |                         |      |         |
| FH (60°-80°)   | 13936.2 | 33.3      |                         |      | G5      |
| FVH (80°-90°)  | 677.4   | 1.6       |                         |      | G4/750  |
| BL (0°-30°)    | 1642.5  | 3.9       | B3/2500                 |      |         |
| BM (30°-60°)   | 2985.6  | 7.1       | B3/5000                 |      |         |
| BH (60°-80°)   | 1631.4  | 3.9       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 21.2    | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G5**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 |
| 2.5°  | 15221.0 | 15244.8 | 15367.7 | 15653.2 | 15964.5 | 15988.3 | 16198.5 | 15982.3 | 15909.0 | 15560.0 | 15199.2 |
| 5°    | 15336.0 | 15427.2 | 15849.5 | 16688.2 | 17415.8 | 17649.8 | 17816.3 | 17392.0 | 16945.9 | 16093.4 | 15183.3 |
| 7.5°  | 14410.1 | 14562.7 | 15226.9 | 16801.2 | 18101.8 | 18676.8 | 18785.8 | 18121.6 | 17029.2 | 15625.5 | 14257.4 |
| 10°   | 13224.4 | 13398.9 | 14199.9 | 16135.0 | 17921.4 | 18906.8 | 19057.5 | 18187.1 | 16616.8 | 14868.1 | 13256.2 |
| 12.5° | 12264.8 | 12469.0 | 13287.9 | 15385.6 | 17300.8 | 18391.3 | 18688.7 | 17967.0 | 16259.9 | 14330.8 | 12572.1 |
| 15°   | 11822.7 | 12056.6 | 12917.1 | 14901.8 | 16612.8 | 17471.3 | 17717.2 | 17405.9 | 16061.6 | 14245.5 | 12413.5 |
| 17.5° | 12076.5 | 12330.3 | 13218.5 | 14943.4 | 15966.5 | 16333.3 | 16531.5 | 16658.4 | 16061.6 | 14759.0 | 12877.5 |
| 20°   | 13117.4 | 13391.0 | 14330.8 | 15365.7 | 15431.2 | 15294.4 | 15506.5 | 15952.6 | 16248.0 | 15734.5 | 13991.7 |
| 22.5° | 14556.8 | 14878.0 | 15938.7 | 16089.4 | 15169.4 | 14652.0 | 14679.7 | 15379.6 | 16587.1 | 16971.7 | 15538.2 |
| 25°   | 16311.5 | 16704.0 | 17782.6 | 17168.0 | 15278.5 | 14269.3 | 14259.4 | 14907.7 | 16918.2 | 18210.9 | 17261.2 |
| 27.5° | 18054.2 | 18486.5 | 19434.2 | 18484.5 | 15728.6 | 14199.9 | 14180.1 | 14765.0 | 17241.3 | 19313.2 | 19142.7 |
| 30°   | 19515.5 | 19935.8 | 20752.7 | 19438.1 | 16214.3 | 14362.5 | 14267.3 | 14917.6 | 17433.7 | 20029.0 | 20514.7 |
| 32.5° | 20705.1 | 21042.1 | 21702.4 | 20094.4 | 16733.8 | 14677.7 | 14471.5 | 15326.1 | 17760.8 | 20633.7 | 21775.7 |
| 35°   | 22013.6 | 22368.5 | 22632.2 | 20718.9 | 17316.7 | 15131.8 | 14836.4 | 15974.4 | 18264.4 | 21248.3 | 23157.6 |
| 37.5° | 23506.6 | 23859.5 | 23827.8 | 21290.0 | 18056.2 | 15883.2 | 15694.9 | 17001.4 | 19047.6 | 21857.0 | 24700.2 |
| 40°   | 24967.8 | 25328.7 | 25070.9 | 21914.5 | 18924.6 | 17122.4 | 16983.6 | 18544.0 | 20096.4 | 22636.2 | 26508.4 |
| 42.5° | 26335.9 | 26726.5 | 26175.3 | 22505.3 | 19959.6 | 18684.7 | 18922.6 | 20530.6 | 21408.9 | 23595.8 | 28066.7 |
| 45°   | 27438.2 | 27836.8 | 27101.2 | 23080.3 | 21050.1 | 20580.2 | 21295.9 | 22731.4 | 22987.1 | 24406.7 | 29119.5 |
| 47.5° | 28239.2 | 28615.9 | 27743.6 | 23655.3 | 22445.9 | 22897.9 | 24145.0 | 25039.2 | 24412.7 | 25110.6 | 29867.0 |
| 50°   | 28750.8 | 29044.2 | 27931.9 | 24375.0 | 24277.8 | 25602.3 | 27113.1 | 27549.3 | 25754.9 | 25745.0 | 30775.1 |
| 52.5° | 29075.9 | 29208.8 | 28070.7 | 25126.4 | 26189.1 | 28546.5 | 30019.7 | 30156.5 | 27136.9 | 26442.9 | 31998.4 |
| 55°   | 30196.1 | 30303.2 | 29054.1 | 26036.5 | 27769.3 | 31126.0 | 32648.7 | 32521.8 | 28701.2 | 27809.0 | 33441.8 |
| 57.5° | 32107.4 | 32220.4 | 31086.4 | 27345.0 | 29048.2 | 32720.1 | 34554.1 | 34782.1 | 30535.2 | 29728.2 | 34988.3 |
| 60°   | 33067.0 | 33277.2 | 32872.7 | 29002.6 | 30287.3 | 33739.2 | 35852.7 | 36580.3 | 32827.1 | 32258.1 | 36487.2 |
| 62.5° | 32196.7 | 32502.0 | 33088.9 | 30840.5 | 31518.6 | 34300.3 | 36257.2 | 37224.7 | 35174.6 | 35206.4 | 37411.1 |
| 65°   | 30459.8 | 30703.7 | 31699.0 | 31847.7 | 32232.3 | 34230.9 | 35257.9 | 36324.6 | 36612.1 | 37914.7 | 37361.5 |
| 67.5° | 28362.2 | 28453.4 | 29298.0 | 31927.0 | 31197.4 | 32145.1 | 32256.1 | 33045.2 | 35476.0 | 38874.3 | 35860.6 |
| 70°   | 25342.5 | 25392.1 | 26129.7 | 29272.2 | 26809.7 | 27017.9 | 26853.3 | 27013.9 | 30499.5 | 36536.7 | 32071.7 |
| 72.5° | 20395.8 | 20520.7 | 21569.5 | 24309.6 | 19531.3 | 18930.6 | 20223.3 | 20151.9 | 23488.7 | 30868.3 | 23819.9 |
| 75°   | 15016.8 | 15232.9 | 16817.0 | 19580.9 | 13708.2 | 12399.6 | 13343.4 | 13595.2 | 16698.1 | 23877.3 | 14895.8 |
| 77.5° | 10514.1 | 10674.7 | 12209.3 | 14394.2 | 9921.3  | 8866.5  | 8525.5  | 8824.9  | 11021.7 | 17273.1 | 7504.4  |
| 80°   | 6057.1  | 6116.6  | 7096.0  | 8311.4  | 6685.6  | 7649.2  | 6929.4  | 7135.6  | 6604.3  | 7684.8  | 3227.8  |
| 82.5° | 3963.4  | 3973.3  | 4355.9  | 4946.8  | 4163.6  | 4837.7  | 3580.7  | 4578.0  | 4062.5  | 3087.0  | 1050.8  |
| 85°   | 2141.3  | 2153.2  | 2525.9  | 3511.3  | 2357.4  | 1332.4  | 783.2   | 1607.9  | 2512.0  | 707.8   | 287.5   |
| 87.5° | 235.9   | 216.1   | 761.3   | 1276.8  | 654.3   | 120.9   | 41.6    | 180.4   | 402.5   | 45.6    | 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°    | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 |
| 2.5°  | 15014.8 | 14850.2 | 14439.8 | 14005.6 | 13656.7 | 13329.5 | 13000.4 | 12597.9 | 12286.6 | 12223.2 | 12120.1 |
| 5°    | 14693.6 | 14172.2 | 13311.7 | 12447.2 | 11751.3 | 10873.0 | 10315.9 | 9881.6  | 9457.4  | 9431.6  | 9346.3  |
| 7.5°  | 13571.4 | 12885.4 | 11674.0 | 10478.4 | 9499.0  | 8662.3  | 7817.7  | 7252.6  | 6808.5  | 6651.9  | 6558.7  |
| 10°   | 12492.8 | 11721.6 | 10208.8 | 8844.7  | 7970.4  | 7230.8  | 6636.0  | 6045.2  | 5509.9  | 5141.1  | 4974.5  |
| 12.5° | 11739.4 | 10886.9 | 9219.4  | 8043.7  | 7417.2  | 6715.3  | 5989.7  | 5252.1  | 4635.5  | 4191.4  | 3919.7  |
| 15°   | 11448.0 | 10537.9 | 8888.3  | 7726.5  | 6953.2  | 6065.0  | 5137.1  | 4294.5  | 3610.5  | 3208.0  | 2964.1  |
| 17.5° | 11794.9 | 10736.2 | 8862.6  | 7339.9  | 6259.3  | 5155.0  | 4129.9  | 3134.6  | 2490.2  | 2184.9  | 2028.3  |
| 20°   | 12675.2 | 11366.7 | 8852.6  | 6866.0  | 5434.5  | 4076.4  | 2797.6  | 2062.0  | 1671.4  | 1500.9  | 1427.5  |
| 22.5° | 13920.4 | 12171.6 | 8931.9  | 6398.1  | 4576.0  | 2912.5  | 1931.1  | 1514.8  | 1314.5  | 1223.3  | 1181.7  |
| 25°   | 15522.4 | 13301.8 | 9156.0  | 5973.8  | 3769.1  | 2173.0  | 1504.8  | 1268.9  | 1128.1  | 1056.8  | 1027.0  |
| 27.5° | 17229.4 | 14602.4 | 9504.9  | 5605.0  | 3112.8  | 1732.9  | 1288.7  | 1086.5  | 985.4   | 935.8   | 908.1   |
| 30°   | 18637.1 | 16109.2 | 9857.9  | 5194.6  | 2637.0  | 1510.8  | 1179.7  | 991.3   | 874.4   | 842.6   | 816.9   |
| 32.5° | 19868.4 | 17249.3 | 10107.7 | 4823.8  | 2325.7  | 1342.3  | 1066.7  | 886.3   | 806.9   | 745.5   | 717.7   |
| 35°   | 21143.2 | 18199.0 | 10099.7 | 4564.1  | 2111.5  | 1215.4  | 971.5   | 793.1   | 697.9   | 626.5   | 604.7   |
| 37.5° | 22523.2 | 19271.6 | 9927.3  | 4342.1  | 2018.4  | 1114.3  | 918.0   | 743.5   | 648.3   | 577.0   | 549.2   |
| 40°   | 24139.1 | 20397.8 | 9750.8  | 4133.9  | 1992.6  | 1033.0  | 880.3   | 703.8   | 602.7   | 533.3   | 505.6   |
| 42.5° | 25713.3 | 21412.9 | 9596.1  | 3979.2  | 1881.6  | 1031.0  | 846.6   | 674.1   | 567.0   | 499.6   | 467.9   |
| 45°   | 26972.3 | 22358.6 | 9566.4  | 3886.0  | 1764.6  | 1066.7  | 828.8   | 654.3   | 539.3   | 471.9   | 442.1   |
| 47.5° | 28019.2 | 23385.6 | 9756.7  | 3820.6  | 1653.6  | 973.5   | 872.4   | 640.4   | 513.5   | 448.1   | 414.4   |
| 50°   | 29264.3 | 24646.6 | 10204.8 | 3713.5  | 1536.6  | 876.3   | 999.3   | 644.4   | 491.7   | 424.3   | 388.6   |
| 52.5° | 31001.1 | 26391.4 | 10863.1 | 3533.1  | 1376.0  | 787.1   | 983.4   | 648.3   | 467.9   | 398.5   | 362.8   |
| 55°   | 32948.1 | 28570.3 | 11570.9 | 3233.7  | 1151.9  | 670.1   | 842.6   | 620.6   | 422.3   | 370.8   | 337.1   |
| 57.5° | 34994.2 | 30547.1 | 11991.2 | 2876.9  | 916.0   | 578.9   | 674.1   | 565.1   | 372.7   | 333.1   | 311.3   |
| 60°   | 35315.4 | 31298.5 | 11798.9 | 2438.7  | 727.6   | 503.6   | 499.6   | 575.0   | 333.1   | 293.4   | 277.6   |
| 62.5° | 34516.4 | 30354.7 | 10869.0 | 2048.1  | 608.7   | 442.1   | 410.4   | 501.6   | 301.4   | 261.7   | 245.9   |
| 65°   | 32979.8 | 27803.0 | 9362.2  | 1845.9  | 565.1   | 378.7   | 341.0   | 352.9   | 263.7   | 228.0   | 214.1   |
| 67.5° | 30842.5 | 24396.8 | 7686.8  | 1730.9  | 559.1   | 325.2   | 291.5   | 267.7   | 228.0   | 198.3   | 186.4   |
| 70°   | 26472.7 | 20324.4 | 6132.4  | 1667.4  | 543.3   | 273.6   | 245.9   | 218.1   | 190.3   | 168.5   | 158.6   |
| 72.5° | 19483.7 | 14402.1 | 4770.3  | 1598.0  | 547.2   | 218.1   | 214.1   | 180.4   | 152.7   | 130.9   | 126.9   |
| 75°   | 11257.6 | 8228.1  | 3128.7  | 1294.7  | 521.4   | 168.5   | 178.4   | 126.9   | 107.1   | 91.2    | 91.2    |
| 77.5° | 5999.6  | 5018.1  | 1191.6  | 539.3   | 190.3   | 107.1   | 101.1   | 75.3    | 67.4    | 55.5    | 53.5    |
| 80°   | 2615.1  | 2208.7  | 358.9   | 150.7   | 105.1   | 57.5    | 37.7    | 33.7    | 29.7    | 23.8    | 21.8    |
| 82.5° | 925.9   | 799.0   | 117.0   | 73.4    | 45.6    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 85°   | 210.2   | 150.7   | 0.0     | 17.8    | 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°    | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 |
| 2.5°  | 11909.9 | 11866.3 | 11608.6 | 11618.5 | 11664.1 | 11729.5 | 11574.9 | 11646.2 | 11838.5 | 12022.9 | 12092.3 |
| 5°    | 9209.5  | 9219.4  | 9062.8  | 9160.0  | 9247.2  | 9306.7  | 9056.9  | 9060.8  | 9213.5  | 9421.7  | 9530.7  |
| 7.5°  | 6489.3  | 6473.4  | 6481.4  | 6713.3  | 6877.9  | 6758.9  | 6852.1  | 6528.9  | 6548.8  | 6697.5  | 6586.4  |
| 10°   | 4823.8  | 4605.8  | 4482.8  | 4657.3  | 4837.7  | 4772.3  | 4611.7  | 4506.6  | 4580.0  | 4744.5  | 4732.6  |
| 12.5° | 3790.9  | 3477.6  | 3293.2  | 3168.3  | 3317.0  | 3194.1  | 3190.1  | 3098.9  | 2999.8  | 3017.6  | 3281.3  |
| 15°   | 2851.1  | 2623.1  | 2405.0  | 2204.7  | 2200.8  | 2159.1  | 1947.0  | 1709.1  | 1689.2  | 1701.1  | 1837.9  |
| 17.5° | 1960.9  | 1883.5  | 1794.3  | 1621.8  | 1576.2  | 1401.8  | 1195.6  | 1100.4  | 1052.8  | 1074.6  | 1120.2  |
| 20°   | 1378.0  | 1348.2  | 1358.1  | 1264.9  | 1199.5  | 1033.0  | 912.0   | 874.4   | 866.4   | 888.2   | 910.0   |
| 22.5° | 1142.0  | 1088.5  | 1082.5  | 1040.9  | 975.5   | 854.5   | 789.1   | 767.3   | 757.4   | 777.2   | 793.1   |
| 25°   | 999.3   | 945.7   | 923.9   | 898.2   | 828.8   | 745.5   | 705.8   | 686.0   | 676.1   | 688.0   | 697.9   |
| 27.5° | 880.3   | 830.7   | 810.9   | 793.1   | 725.7   | 666.2   | 634.5   | 616.6   | 608.7   | 612.6   | 622.6   |
| 30°   | 791.1   | 747.5   | 721.7   | 699.9   | 642.4   | 600.8   | 573.0   | 555.1   | 547.2   | 547.2   | 557.1   |
| 32.5° | 697.9   | 674.1   | 650.3   | 622.6   | 569.0   | 541.3   | 513.5   | 493.7   | 485.8   | 487.7   | 495.7   |
| 35°   | 580.9   | 573.0   | 578.9   | 553.2   | 507.6   | 483.8   | 456.0   | 434.2   | 428.3   | 430.2   | 438.2   |
| 37.5° | 515.5   | 479.8   | 501.6   | 487.7   | 462.0   | 430.2   | 394.6   | 374.7   | 364.8   | 370.8   | 374.7   |
| 40°   | 473.9   | 430.2   | 414.4   | 428.3   | 424.3   | 372.7   | 341.0   | 321.2   | 313.3   | 315.2   | 319.2   |
| 42.5° | 438.2   | 386.6   | 350.9   | 349.0   | 372.7   | 325.2   | 291.5   | 273.6   | 263.7   | 263.7   | 267.7   |
| 45°   | 404.5   | 349.0   | 305.3   | 271.6   | 313.3   | 275.6   | 243.9   | 228.0   | 216.1   | 216.1   | 218.1   |
| 47.5° | 378.7   | 317.2   | 265.7   | 222.1   | 235.9   | 226.0   | 200.3   | 184.4   | 172.5   | 172.5   | 174.5   |
| 50°   | 354.9   | 285.5   | 230.0   | 186.4   | 176.5   | 186.4   | 162.6   | 144.7   | 136.8   | 134.8   | 138.8   |
| 52.5° | 329.1   | 253.8   | 196.3   | 158.6   | 138.8   | 140.8   | 126.9   | 115.0   | 105.1   | 105.1   | 109.0   |
| 55°   | 303.3   | 228.0   | 170.5   | 134.8   | 115.0   | 105.1   | 101.1   | 93.2    | 85.3    | 85.3    | 89.2    |
| 57.5° | 277.6   | 200.3   | 144.7   | 111.0   | 91.2    | 83.3    | 83.3    | 77.3    | 71.4    | 71.4    | 75.3    |
| 60°   | 253.8   | 172.5   | 119.0   | 91.2    | 71.4    | 69.4    | 71.4    | 65.4    | 61.5    | 61.5    | 65.4    |
| 62.5° | 226.0   | 146.7   | 97.2    | 75.3    | 57.5    | 55.5    | 61.5    | 57.5    | 53.5    | 53.5    | 57.5    |
| 65°   | 192.3   | 124.9   | 77.3    | 57.5    | 43.6    | 43.6    | 51.5    | 47.6    | 43.6    | 43.6    | 47.6    |
| 67.5° | 162.6   | 105.1   | 59.5    | 41.6    | 31.7    | 33.7    | 43.6    | 39.7    | 37.7    | 37.7    | 41.6    |
| 70°   | 134.8   | 81.3    | 41.6    | 25.8    | 17.8    | 25.8    | 33.7    | 33.7    | 33.7    | 33.7    | 37.7    |
| 72.5° | 101.1   | 55.5    | 23.8    | 9.9     | 7.9     | 17.8    | 27.8    | 31.7    | 29.7    | 29.7    | 35.7    |
| 75°   | 65.4    | 31.7    | 7.9     | 0.0     | 0.0     | 9.9     | 21.8    | 25.8    | 25.8    | 23.8    | 29.7    |
| 77.5° | 37.7    | 9.9     | 0.0     | 0.0     | 0.0     | 0.0     | 13.9    | 11.9    | 9.9     | 7.9     | 13.9    |
| 80°   | 9.9     | 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     |



REPORT NUMBER: P324304

CATALOG NUMBER: GLEON-SA0D-827-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 | 14041.3 |
| 2.5°  | 12371.9 | 12605.8 | 12935.0 | 13283.9 | 13821.2 | 14247.5 | 14665.8 | 15024.7 | 15163.5 | 15221.0 |
| 5°    | 9792.4  | 10135.4 | 10617.2 | 11235.8 | 12205.3 | 13077.7 | 13962.0 | 14852.2 | 15238.8 | 15336.0 |
| 7.5°  | 7026.6  | 7464.8  | 8077.4  | 8852.6  | 9988.7  | 11118.8 | 12354.0 | 13660.6 | 14259.4 | 14410.1 |
| 10°   | 5200.6  | 5735.9  | 6437.7  | 7254.6  | 8339.1  | 9501.0  | 10847.2 | 12340.2 | 13024.2 | 13224.4 |
| 12.5° | 3689.8  | 4413.4  | 5353.2  | 6346.5  | 7286.3  | 8323.3  | 9685.4  | 11331.0 | 12048.7 | 12264.8 |
| 15°   | 2167.1  | 2866.9  | 3979.2  | 5309.6  | 6513.1  | 7563.9  | 8947.8  | 10813.5 | 11604.6 | 11822.7 |
| 17.5° | 1243.1  | 1592.1  | 2432.7  | 3915.8  | 5549.5  | 7004.8  | 8715.8  | 10942.4 | 11874.2 | 12076.5 |
| 20°   | 949.7   | 1060.7  | 1401.8  | 2522.0  | 4423.3  | 6455.6  | 8715.8  | 11672.0 | 12820.0 | 13117.4 |
| 22.5° | 830.7   | 912.0   | 1050.8  | 1504.8  | 3255.6  | 5866.7  | 8817.0  | 12726.8 | 14227.7 | 14556.8 |
| 25°   | 737.6   | 810.9   | 929.9   | 1132.1  | 2220.6  | 5166.8  | 9056.9  | 14021.5 | 15885.2 | 16311.5 |
| 27.5° | 660.2   | 729.6   | 836.7   | 991.3   | 1518.7  | 4322.2  | 9380.0  | 15540.2 | 17713.2 | 18054.2 |
| 30°   | 590.8   | 656.3   | 753.4   | 862.5   | 1171.8  | 3364.6  | 9655.6  | 16971.7 | 19148.7 | 19515.5 |
| 32.5° | 525.4   | 584.9   | 672.1   | 753.4   | 959.6   | 2488.3  | 9685.4  | 18105.8 | 20340.3 | 20705.1 |
| 35°   | 463.9   | 517.5   | 596.8   | 660.2   | 795.1   | 1964.8  | 9223.4  | 19089.2 | 21531.8 | 22013.6 |
| 37.5° | 404.5   | 456.0   | 525.4   | 573.0   | 699.9   | 1602.0  | 8517.6  | 20185.6 | 23060.5 | 23506.6 |
| 40°   | 349.0   | 394.6   | 465.9   | 497.7   | 662.2   | 1231.2  | 7750.3  | 21335.6 | 24559.4 | 24967.8 |
| 42.5° | 297.4   | 341.0   | 410.4   | 471.9   | 580.9   | 920.0   | 6921.5  | 22414.1 | 25907.6 | 26335.9 |
| 45°   | 247.8   | 293.4   | 362.8   | 499.6   | 481.8   | 688.0   | 6035.3  | 23129.9 | 26972.3 | 27438.2 |
| 47.5° | 200.3   | 251.8   | 347.0   | 475.8   | 384.6   | 505.6   | 5333.4  | 23808.0 | 27779.3 | 28239.2 |
| 50°   | 160.6   | 212.1   | 390.6   | 424.3   | 315.2   | 386.6   | 5040.0  | 24414.7 | 28308.6 | 28750.8 |
| 52.5° | 130.9   | 178.4   | 368.8   | 325.2   | 263.7   | 319.2   | 5198.6  | 25398.1 | 28798.3 | 29075.9 |
| 55°   | 109.0   | 140.8   | 222.1   | 226.0   | 224.0   | 271.6   | 5394.9  | 26809.7 | 30065.3 | 30196.1 |
| 57.5° | 95.2    | 113.0   | 154.6   | 174.5   | 188.4   | 241.9   | 5398.8  | 28836.0 | 32026.1 | 32107.4 |
| 60°   | 81.3    | 99.1    | 128.9   | 140.8   | 162.6   | 216.1   | 5202.5  | 29543.8 | 32797.4 | 33067.0 |
| 62.5° | 71.4    | 87.2    | 107.1   | 117.0   | 136.8   | 194.3   | 4742.6  | 28518.8 | 31738.7 | 32196.7 |
| 65°   | 63.4    | 79.3    | 89.2    | 99.1    | 120.9   | 174.5   | 3985.2  | 26468.7 | 29982.0 | 30459.8 |
| 67.5° | 55.5    | 69.4    | 79.3    | 89.2    | 109.0   | 154.6   | 2934.4  | 24087.5 | 27965.6 | 28362.2 |
| 70°   | 49.6    | 61.5    | 71.4    | 79.3    | 95.2    | 130.9   | 1780.4  | 20439.4 | 25178.0 | 25342.5 |
| 72.5° | 47.6    | 55.5    | 65.4    | 71.4    | 83.3    | 115.0   | 902.1   | 15020.7 | 20128.1 | 20395.8 |
| 75°   | 41.6    | 49.6    | 59.5    | 63.4    | 73.4    | 99.1    | 366.8   | 9865.8  | 14586.5 | 15016.8 |
| 77.5° | 33.7    | 45.6    | 53.5    | 57.5    | 63.4    | 81.3    | 186.4   | 6304.9  | 10236.5 | 10514.1 |
| 80°   | 11.9    | 33.7    | 45.6    | 47.6    | 53.5    | 59.5    | 122.9   | 3451.8  | 5938.1  | 6057.1  |
| 82.5° | 0.0     | 21.8    | 35.7    | 33.7    | 37.7    | 45.6    | 79.3    | 1641.7  | 3919.7  | 3963.4  |
| 85°   | 0.0     | 9.9     | 27.8    | 21.8    | 15.9    | 31.7    | 27.8    | 358.9   | 2056.0  | 2141.3  |
| 87.5° | 0.0     | 0.0     | 2.0     | 9.9     | 7.9     | 11.9    | 4.0     | 2.0     | 186.4   | 235.9   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)