

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: STREETWORKS

Report Number: P648823

Luminaire Tested: **GLAN-SA3C-835-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P648823  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA3C-835-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 80 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9085.1 lumens  
Efficiency: N/A  
Efficacy: 56.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G1

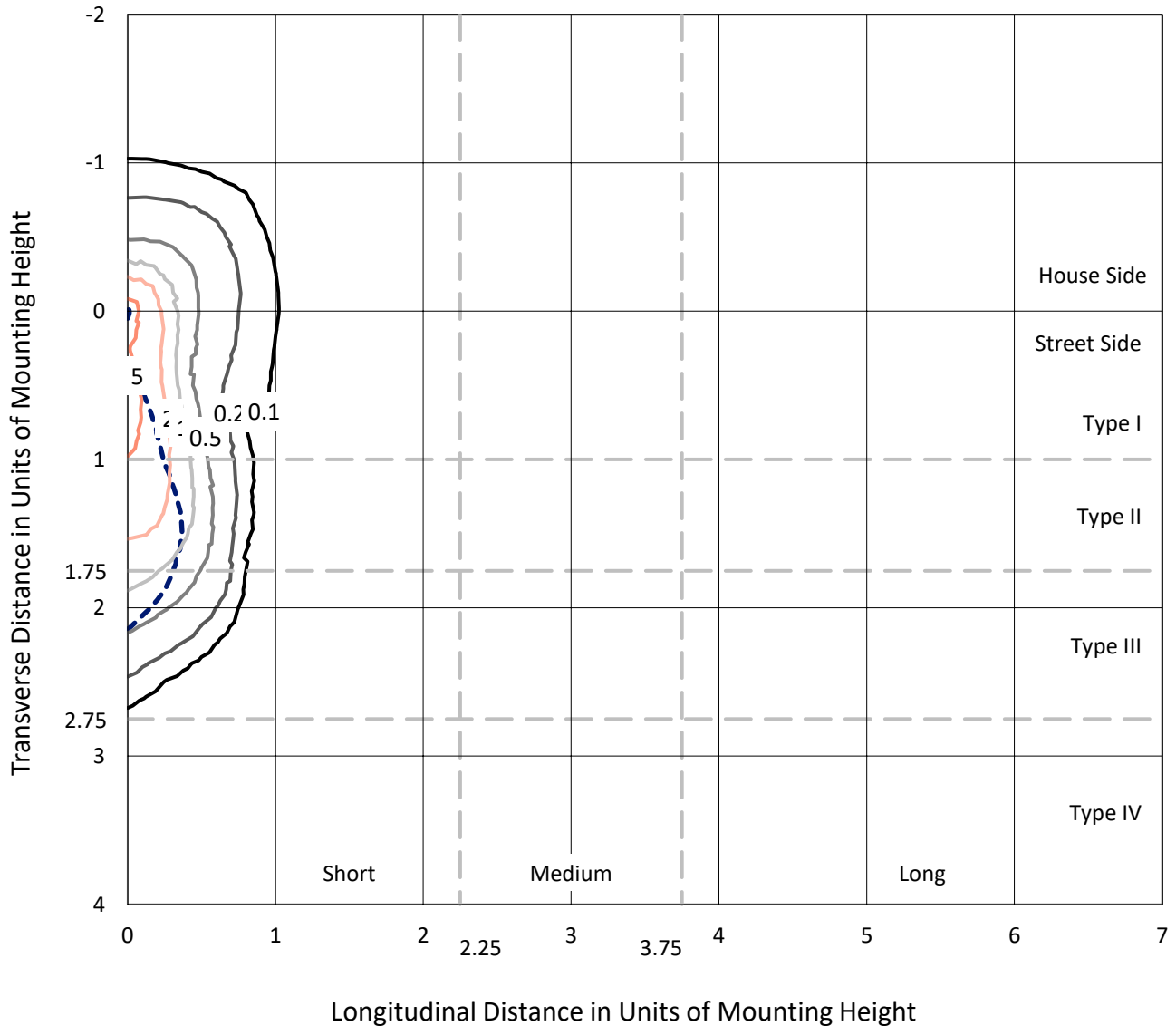
Input Watts (W): 160  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

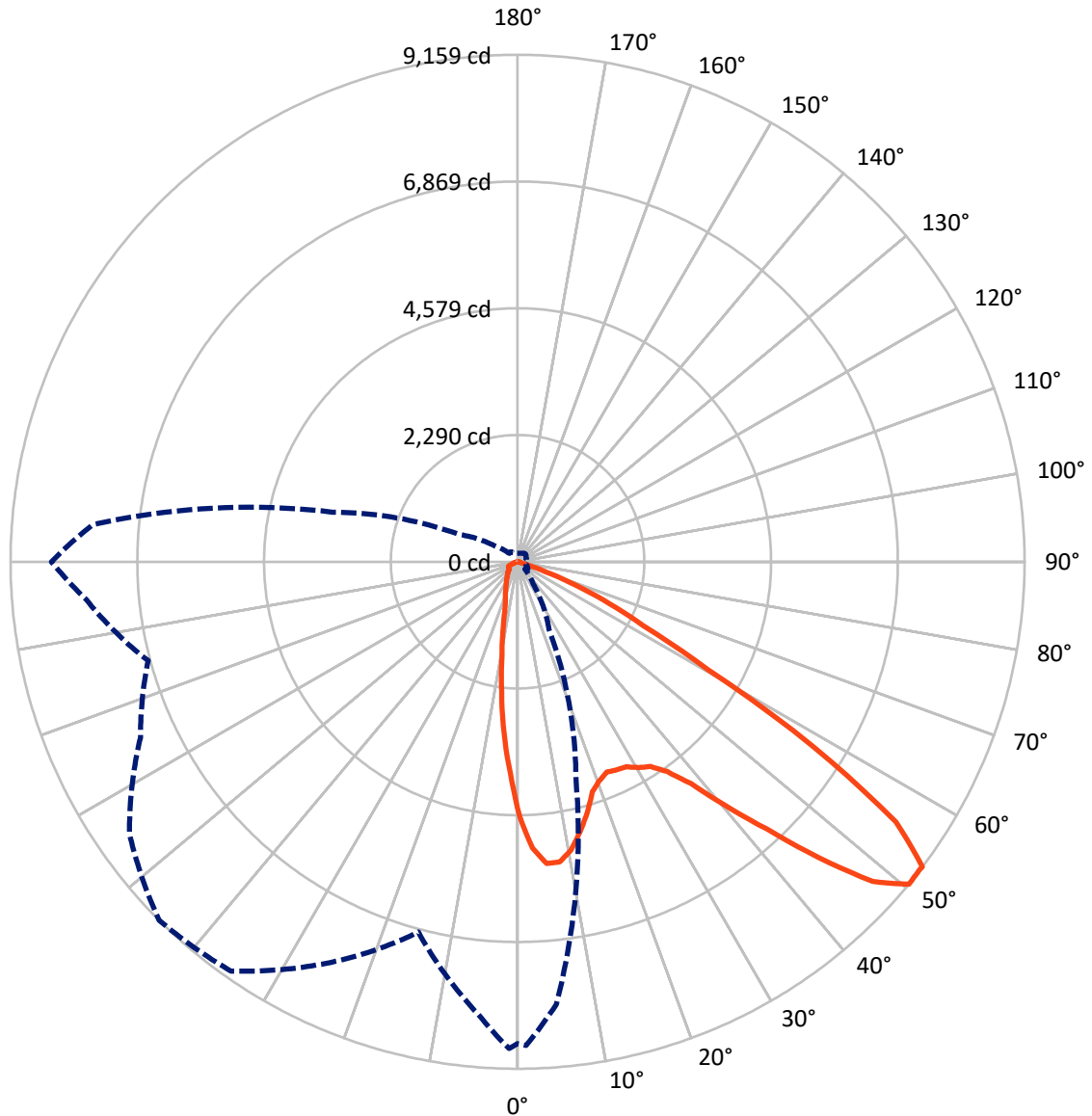
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral      - - - Horizontal Cone Through 50-Deg Vertical

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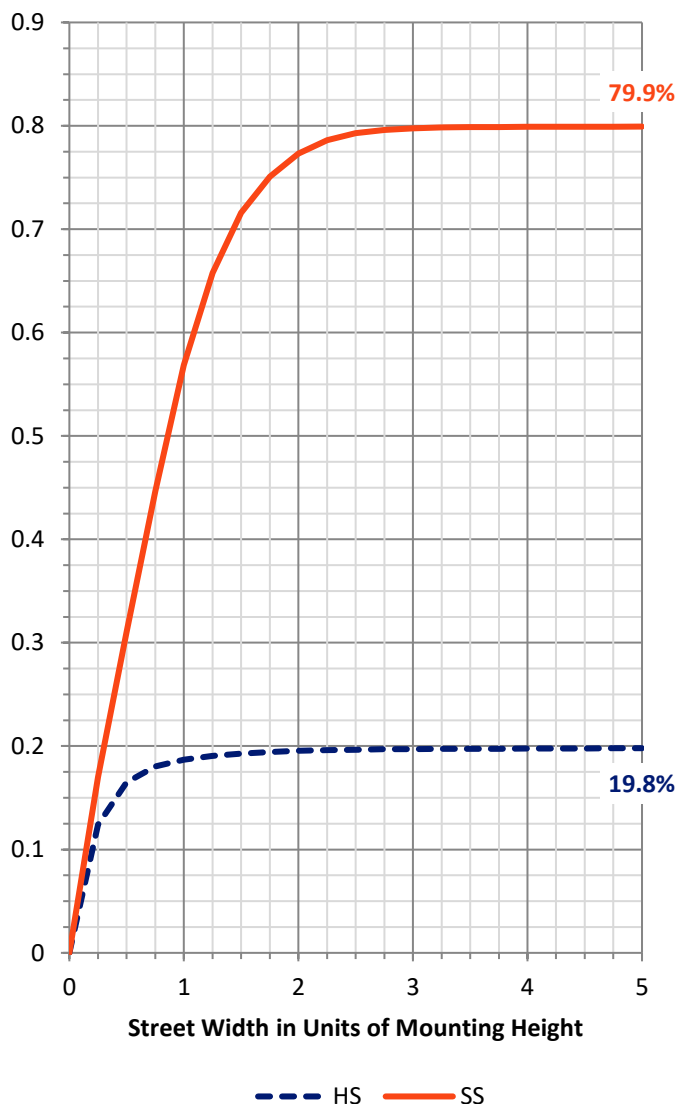
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1819.7   | 0.0    | 1819.7 |
|                    | % Fixture | 20.0     | 0.0    | 20.0   |
| <b>Street Side</b> | Lumens    | 7265.4   | 0.0    | 7265.4 |
|                    | % Fixture | 80.0     | 0.0    | 80.0   |
| <b>Total</b>       | Lumens    | 9085.1   | 0.0    | 9085.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 335.8  | 3.7       |
| 10°-20°   | 667.4  | 7.3       |
| 20°-30°   | 1002.7 | 11.0      |
| 30°-40°   | 1505.0 | 16.6      |
| 40°-50°   | 2115.2 | 23.3      |
| 50°-60°   | 2281.6 | 25.1      |
| 60°-70°   | 1059.3 | 11.7      |
| 70°-80°   | 99.7   | 1.1       |
| 80°-90°   | 18.4   | 0.2       |
| 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°    | 9085.1 | 100.0     |
| 0°-180°   | 9085.1 | 100.0     |

**Coefficient of Utilization**



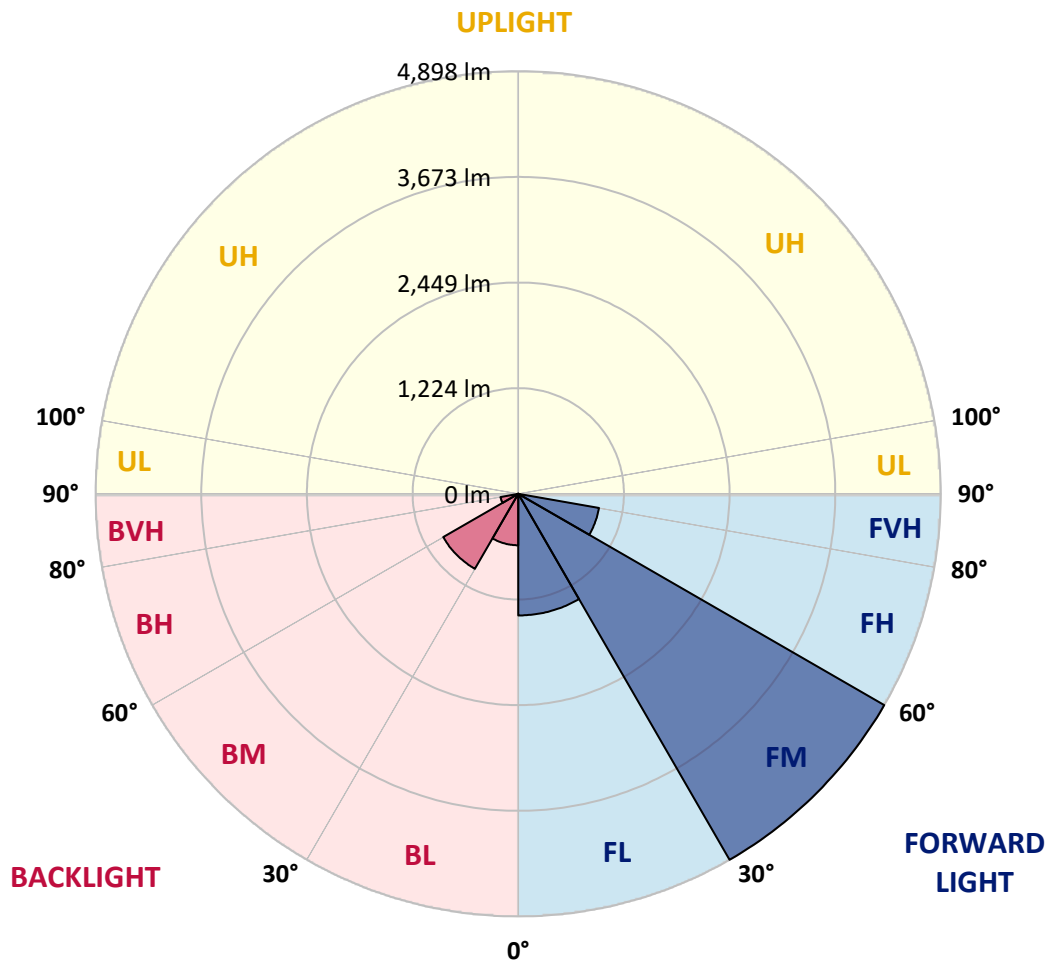
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1409.5 | 15.5      |                         |      |         |
| FM (30°-60°)   | 4897.6 | 53.9      |                         |      |         |
| FH (60°-80°)   | 950.0  | 10.5      |                         |      | G1/1800 |
| FVH (80°-90°)  | 8.3    | 0.1       |                         |      | G0/10   |
| BL (0°-30°)    | 596.5  | 6.6       | B2/1000                 |      |         |
| BM (30°-60°)   | 1004.2 | 11.1      | B2/2500                 |      |         |
| BH (60°-80°)   | 208.9  | 2.3       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 10.1   | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 |
| 2.5°  | 4789.4 | 4715.5 | 4621.7 | 4544.2 | 4428.9 | 4196.3 | 4133.2 | 4057.5 | 3994.5 | 3909.8 | 3790.7 |
| 5°    | 4355.0 | 4331.6 | 4288.3 | 3996.3 | 3785.3 | 3504.2 | 3273.4 | 3176.1 | 3048.1 | 2943.5 | 2867.9 |
| 7.5°  | 4023.3 | 3929.6 | 3792.5 | 3498.8 | 3161.7 | 2860.6 | 2604.6 | 2455.1 | 2285.7 | 2227.9 | 2125.2 |
| 10°   | 3668.2 | 3689.8 | 3488.0 | 3075.2 | 2667.8 | 2424.4 | 2265.8 | 2121.6 | 1968.4 | 1867.5 | 1721.4 |
| 12.5° | 3554.7 | 3484.4 | 3329.3 | 2819.2 | 2471.3 | 2244.2 | 2051.3 | 1872.9 | 1710.6 | 1548.4 | 1407.8 |
| 15°   | 3628.5 | 3520.4 | 3304.1 | 2765.1 | 2319.9 | 2036.9 | 1795.3 | 1553.8 | 1404.2 | 1196.9 | 1050.9 |
| 17.5° | 3893.5 | 3806.9 | 3516.8 | 2822.8 | 2242.4 | 1838.6 | 1479.9 | 1231.1 | 1002.2 | 814.8  | 740.9  |
| 20°   | 4335.2 | 4212.5 | 3848.4 | 2896.7 | 2127.0 | 1598.9 | 1200.5 | 894.0  | 677.8  | 598.4  | 557.0  |
| 22.5° | 4767.8 | 4701.1 | 4241.4 | 3039.1 | 2024.3 | 1386.1 | 901.3  | 602.0  | 506.5  | 492.1  | 465.0  |
| 25°   | 5591.5 | 5391.4 | 4841.7 | 3296.9 | 1945.0 | 1186.1 | 679.6  | 484.9  | 429.0  | 418.2  | 421.8  |
| 27.5° | 6081.8 | 5914.2 | 5396.8 | 3468.1 | 1856.6 | 1032.9 | 575.0  | 445.2  | 407.4  | 383.9  | 374.9  |
| 30°   | 6552.3 | 6357.6 | 5672.6 | 3569.1 | 1667.3 | 870.6  | 510.1  | 427.2  | 418.2  | 383.9  | 373.1  |
| 32.5° | 6914.6 | 6723.5 | 6071.0 | 3720.4 | 1589.9 | 766.1  | 420.0  | 333.5  | 310.1  | 306.5  | 338.9  |
| 35°   | 7469.7 | 7266.1 | 6411.7 | 3803.3 | 1530.4 | 712.0  | 364.1  | 297.4  | 270.4  | 259.6  | 261.4  |
| 37.5° | 7987.1 | 7848.3 | 6727.1 | 3835.8 | 1467.3 | 695.8  | 326.3  | 266.8  | 243.4  | 236.2  | 234.4  |
| 40°   | 8419.7 | 8109.7 | 7026.3 | 3870.1 | 1440.3 | 665.2  | 302.9  | 243.4  | 227.1  | 216.3  | 216.3  |
| 42.5° | 8618.0 | 8302.5 | 7361.6 | 3850.2 | 1433.0 | 616.5  | 302.9  | 223.5  | 210.9  | 200.1  | 198.3  |
| 45°   | 8574.7 | 8446.8 | 7511.2 | 3841.2 | 1433.0 | 567.8  | 275.8  | 218.1  | 200.1  | 185.6  | 182.0  |
| 47.5° | 8686.5 | 8518.9 | 7698.7 | 3879.1 | 1404.2 | 533.5  | 232.6  | 228.9  | 189.3  | 171.2  | 167.6  |
| 50°   | 8706.3 | 8738.7 | 8025.0 | 4075.6 | 1341.1 | 490.3  | 182.0  | 225.3  | 182.0  | 155.0  | 151.4  |
| 52°   | 8836.1 | 8634.2 | 8124.1 | 4180.1 | 1274.4 | 457.8  | 153.2  | 192.9  | 174.8  | 144.2  | 140.6  |
| 52.5° | 8657.6 | 8789.3 | 8147.5 | 4217.9 | 1281.6 | 436.2  | 147.8  | 189.3  | 171.2  | 144.2  | 135.2  |
| 55°   | 8457.6 | 8583.7 | 8052.0 | 4299.1 | 1175.3 | 342.5  | 115.3  | 137.0  | 155.0  | 126.1  | 120.7  |
| 57.5° | 7350.8 | 7478.7 | 6997.5 | 3936.8 | 957.1  | 241.6  | 95.5   | 102.7  | 137.0  | 117.1  | 111.7  |
| 60°   | 6534.2 | 6442.3 | 5872.7 | 3284.2 | 679.6  | 135.2  | 75.7   | 79.3   | 149.6  | 108.1  | 106.3  |
| 62.5° | 5971.9 | 5775.3 | 4908.3 | 2536.2 | 414.6  | 90.1   | 59.5   | 61.3   | 115.3  | 100.9  | 100.9  |
| 65°   | 4418.1 | 4198.1 | 3260.8 | 1534.0 | 203.7  | 63.1   | 45.1   | 48.7   | 72.1   | 86.5   | 86.5   |
| 67.5° | 2521.7 | 2437.0 | 1575.4 | 692.2  | 84.7   | 39.6   | 34.2   | 37.8   | 55.9   | 70.3   | 66.7   |
| 70°   | 1159.1 | 1040.1 | 605.7  | 146.0  | 39.6   | 27.0   | 27.0   | 30.6   | 45.1   | 52.3   | 48.7   |
| 72.5° | 338.9  | 320.9  | 147.8  | 23.4   | 16.2   | 16.2   | 18.0   | 23.4   | 34.2   | 39.6   | 36.0   |
| 75°   | 25.2   | 16.2   | 10.8   | 7.2    | 7.2    | 10.8   | 14.4   | 23.4   | 34.2   | 37.8   | 30.6   |
| 77.5° | 1.8    | 3.6    | 1.8    | 1.8    | 5.4    | 10.8   | 16.2   | 28.8   | 45.1   | 46.9   | 34.2   |
| 80°   | 1.8    | 1.8    | 0.0    | 1.8    | 5.4    | 10.8   | 18.0   | 32.4   | 50.5   | 54.1   | 28.8   |
| 82.5° | 0.0    | 0.0    | 0.0    | 1.8    | 7.2    | 14.4   | 21.6   | 34.2   | 46.9   | 57.7   | 30.6   |
| 85°   | 0.0    | 0.0    | 0.0    | 1.8    | 10.8   | 19.8   | 25.2   | 9.0    | 5.4    | 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):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 |
| 2.5°  | 3875.5 | 3828.6 | 3810.6 | 3826.8 | 3821.4 | 3816.0 | 3915.2 | 3893.5 | 3889.9 | 3922.4 | 3915.2 |
| 5°    | 2909.3 | 2826.4 | 3053.5 | 2961.6 | 3057.1 | 3114.8 | 3125.7 | 3131.1 | 3197.7 | 3127.5 | 3219.4 |
| 7.5°  | 2072.9 | 2094.5 | 2092.7 | 2154.0 | 2264.0 | 2361.4 | 2419.0 | 2374.0 | 2370.4 | 2361.4 | 2321.7 |
| 10°   | 1656.5 | 1618.7 | 1611.5 | 1597.1 | 1631.3 | 1714.2 | 1784.5 | 1728.6 | 1689.0 | 1743.0 | 1726.8 |
| 12.5° | 1353.7 | 1301.4 | 1272.6 | 1214.9 | 1216.7 | 1272.6 | 1272.6 | 1272.6 | 1312.2 | 1342.9 | 1366.3 |
| 15°   | 1038.3 | 995.0  | 995.0  | 937.3  | 924.7  | 926.5  | 955.3  | 958.9  | 1022.0 | 1040.1 | 1049.1 |
| 17.5° | 726.4  | 703.0  | 730.1  | 753.5  | 739.1  | 742.7  | 753.5  | 757.1  | 766.1  | 758.9  | 776.9  |
| 20°   | 558.8  | 555.1  | 562.4  | 603.8  | 634.5  | 652.6  | 639.9  | 621.9  | 611.1  | 585.8  | 585.8  |
| 22.5° | 474.1  | 481.3  | 493.9  | 528.1  | 567.8  | 578.6  | 564.2  | 522.7  | 490.3  | 486.7  | 488.5  |
| 25°   | 421.8  | 429.0  | 448.8  | 470.4  | 492.1  | 510.1  | 495.7  | 465.0  | 447.0  | 430.8  | 430.8  |
| 27.5° | 389.4  | 393.0  | 403.8  | 420.0  | 438.0  | 452.4  | 447.0  | 430.8  | 411.0  | 403.8  | 387.6  |
| 30°   | 364.1  | 369.5  | 382.1  | 385.8  | 402.0  | 409.2  | 400.2  | 396.6  | 383.9  | 374.9  | 369.5  |
| 32.5° | 351.5  | 349.7  | 358.7  | 362.3  | 364.1  | 369.5  | 358.7  | 364.1  | 362.3  | 347.9  | 342.5  |
| 35°   | 265.0  | 279.4  | 302.9  | 322.7  | 328.1  | 335.3  | 333.5  | 326.3  | 306.5  | 290.2  | 270.4  |
| 37.5° | 238.0  | 247.0  | 259.6  | 275.8  | 297.4  | 306.5  | 302.9  | 284.8  | 261.4  | 250.6  | 247.0  |
| 40°   | 219.9  | 225.3  | 236.2  | 247.0  | 268.6  | 284.8  | 272.2  | 256.0  | 238.0  | 228.9  | 223.5  |
| 42.5° | 203.7  | 205.5  | 210.9  | 221.7  | 238.0  | 263.2  | 241.6  | 219.9  | 212.7  | 207.3  | 203.7  |
| 45°   | 185.6  | 185.6  | 192.9  | 198.3  | 216.3  | 239.8  | 218.1  | 198.3  | 194.7  | 191.1  | 189.3  |
| 47.5° | 171.2  | 173.0  | 176.6  | 183.8  | 198.3  | 214.5  | 200.1  | 183.8  | 174.8  | 173.0  | 169.4  |
| 50°   | 153.2  | 155.0  | 162.2  | 169.4  | 187.5  | 196.5  | 187.5  | 169.4  | 160.4  | 155.0  | 155.0  |
| 52°   | 138.8  | 144.2  | 151.4  | 165.8  | 178.4  | 192.9  | 182.0  | 162.2  | 151.4  | 146.0  | 142.4  |
| 52.5° | 137.0  | 140.6  | 147.8  | 164.0  | 178.4  | 191.1  | 180.2  | 160.4  | 147.8  | 144.2  | 140.6  |
| 55°   | 122.5  | 127.9  | 140.6  | 160.4  | 176.6  | 191.1  | 176.6  | 158.6  | 140.6  | 131.6  | 127.9  |
| 57.5° | 117.1  | 120.7  | 137.0  | 162.2  | 174.8  | 191.1  | 176.6  | 158.6  | 140.6  | 124.3  | 120.7  |
| 60°   | 111.7  | 118.9  | 137.0  | 156.8  | 173.0  | 192.9  | 178.4  | 156.8  | 137.0  | 117.1  | 117.1  |
| 62.5° | 106.3  | 111.7  | 135.2  | 153.2  | 165.8  | 185.6  | 171.2  | 153.2  | 131.6  | 111.7  | 109.9  |
| 65°   | 91.9   | 100.9  | 118.9  | 127.9  | 142.4  | 160.4  | 146.0  | 133.4  | 115.3  | 99.1   | 97.3   |
| 67.5° | 70.3   | 73.9   | 88.3   | 99.1   | 108.1  | 124.3  | 117.1  | 100.9  | 88.3   | 75.7   | 75.7   |
| 70°   | 48.7   | 52.3   | 63.1   | 68.5   | 77.5   | 86.5   | 81.1   | 68.5   | 59.5   | 52.3   | 50.5   |
| 72.5° | 34.2   | 36.0   | 39.6   | 43.3   | 46.9   | 50.5   | 48.7   | 39.6   | 34.2   | 32.4   | 30.6   |
| 75°   | 27.0   | 30.6   | 32.4   | 30.6   | 28.8   | 27.0   | 27.0   | 23.4   | 19.8   | 18.0   | 18.0   |
| 77.5° | 27.0   | 28.8   | 27.0   | 23.4   | 19.8   | 18.0   | 16.2   | 14.4   | 10.8   | 9.0    | 10.8   |
| 80°   | 23.4   | 23.4   | 23.4   | 19.8   | 18.0   | 16.2   | 14.4   | 12.6   | 10.8   | 9.0    | 9.0    |
| 82.5° | 25.2   | 25.2   | 23.4   | 19.8   | 19.8   | 16.2   | 16.2   | 14.4   | 12.6   | 9.0    | 9.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 3.6    | 9.0    | 16.2   | 16.2   | 14.4   | 12.6   | 10.8   | 10.8   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 1.8    | 3.6    | 7.2    | 9.0    | 10.8   | 10.8   | 10.8   |
| 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°    | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 |
| 2.5°  | 3980.1 | 4048.5 | 4178.3 | 4308.1 | 4387.4 | 4481.1 | 4650.6 | 4740.7 | 4857.9 | 4915.5 | 5029.1 |
| 5°    | 3206.7 | 3368.9 | 3426.6 | 3574.5 | 3733.1 | 3891.7 | 4144.0 | 4421.7 | 4652.4 | 4811.0 | 5016.5 |
| 7.5°  | 2339.7 | 2377.6 | 2601.0 | 2700.3 | 2959.8 | 3248.2 | 3592.5 | 3942.2 | 4234.2 | 4493.8 | 4650.6 |
| 10°   | 1753.8 | 1892.7 | 2033.3 | 2222.5 | 2431.6 | 2729.1 | 3058.9 | 3444.7 | 3823.2 | 4082.8 | 4281.1 |
| 12.5° | 1409.6 | 1519.6 | 1707.0 | 1910.7 | 2168.4 | 2365.0 | 2696.7 | 3078.8 | 3569.1 | 3823.2 | 4084.6 |
| 15°   | 1067.1 | 1207.7 | 1420.4 | 1631.3 | 1903.5 | 2110.8 | 2446.1 | 2927.3 | 3558.3 | 3908.0 | 4133.2 |
| 17.5° | 791.3  | 886.8  | 1078.0 | 1314.0 | 1591.7 | 1883.7 | 2336.1 | 2911.1 | 3679.0 | 4095.4 | 4328.0 |
| 20°   | 605.7  | 638.1  | 758.9  | 969.7  | 1270.8 | 1652.9 | 2157.6 | 2981.4 | 4035.9 | 4551.4 | 4787.6 |
| 22.5° | 490.3  | 504.7  | 551.5  | 697.6  | 989.6  | 1451.1 | 2072.9 | 3030.1 | 4437.9 | 5097.6 | 5413.0 |
| 25°   | 427.2  | 423.6  | 454.2  | 517.3  | 773.3  | 1261.8 | 1964.8 | 3214.0 | 4930.0 | 5739.3 | 6022.3 |
| 27.5° | 389.4  | 389.4  | 403.8  | 448.8  | 641.7  | 1139.2 | 1896.3 | 3345.5 | 5425.6 | 6303.5 | 6456.7 |
| 30°   | 369.5  | 373.1  | 414.6  | 429.0  | 533.5  | 993.2  | 1782.7 | 3478.9 | 5899.7 | 6664.0 | 6874.9 |
| 32.5° | 342.5  | 328.1  | 319.1  | 355.1  | 448.8  | 861.6  | 1669.2 | 3534.8 | 6283.7 | 7105.6 | 7285.9 |
| 35°   | 263.2  | 256.0  | 266.8  | 293.8  | 385.8  | 749.9  | 1543.0 | 3597.9 | 6725.3 | 7617.6 | 7653.6 |
| 37.5° | 238.0  | 236.2  | 243.4  | 266.8  | 324.5  | 652.6  | 1452.9 | 3581.7 | 7062.4 | 8041.2 | 7943.8 |
| 40°   | 219.9  | 219.9  | 225.3  | 245.2  | 290.2  | 584.0  | 1359.1 | 3567.3 | 7388.6 | 8517.1 | 8232.2 |
| 42.5° | 205.5  | 205.5  | 214.5  | 227.1  | 275.8  | 538.9  | 1288.8 | 3547.4 | 7662.7 | 8809.1 | 8401.7 |
| 45°   | 185.6  | 191.1  | 205.5  | 218.1  | 279.4  | 508.3  | 1236.5 | 3471.7 | 7756.4 | 8805.5 | 8320.5 |
| 47.5° | 171.2  | 178.4  | 192.9  | 210.9  | 252.4  | 499.3  | 1200.5 | 3405.0 | 7723.9 | 8589.1 | 8066.4 |
| 50°   | 155.0  | 164.0  | 183.8  | 214.5  | 214.5  | 481.3  | 1162.7 | 3464.5 | 7700.5 | 8421.5 | 7823.0 |
| 52°   | 144.2  | 151.4  | 176.6  | 209.1  | 187.5  | 443.4  | 1139.2 | 3579.9 | 7796.0 | 8399.9 | 7714.9 |
| 52.5° | 142.4  | 147.8  | 171.2  | 205.5  | 178.4  | 436.2  | 1123.0 | 3606.9 | 7826.6 | 8345.8 | 7788.8 |
| 55°   | 126.1  | 133.4  | 156.8  | 160.4  | 146.0  | 358.7  | 1070.8 | 3668.2 | 7675.3 | 8239.4 | 7718.5 |
| 57.5° | 118.9  | 122.5  | 138.8  | 131.6  | 126.1  | 270.4  | 921.1  | 3572.7 | 6817.3 | 7318.4 | 7181.4 |
| 60°   | 109.9  | 113.5  | 129.8  | 102.7  | 106.3  | 189.3  | 692.2  | 3102.2 | 5474.3 | 6098.0 | 6345.0 |
| 62.5° | 106.3  | 104.5  | 122.5  | 82.9   | 90.1   | 137.0  | 488.5  | 2521.7 | 4217.9 | 5020.1 | 5447.3 |
| 65°   | 93.7   | 91.9   | 88.3   | 70.3   | 77.5   | 106.3  | 292.0  | 1645.7 | 2972.4 | 3797.9 | 4032.3 |
| 67.5° | 72.1   | 75.7   | 64.9   | 55.9   | 64.9   | 82.9   | 162.2  | 737.3  | 1559.2 | 2278.5 | 2467.7 |
| 70°   | 50.5   | 54.1   | 52.3   | 48.7   | 57.7   | 68.5   | 93.7   | 252.4  | 645.3  | 1196.9 | 1319.4 |
| 72.5° | 30.6   | 37.8   | 39.6   | 41.4   | 50.5   | 59.5   | 66.7   | 81.1   | 171.2  | 423.6  | 526.3  |
| 75°   | 18.0   | 25.2   | 30.6   | 36.0   | 41.4   | 50.5   | 55.9   | 57.7   | 59.5   | 79.3   | 127.9  |
| 77.5° | 12.6   | 18.0   | 27.0   | 34.2   | 41.4   | 50.5   | 59.5   | 63.1   | 59.5   | 55.9   | 59.5   |
| 80°   | 10.8   | 18.0   | 25.2   | 32.4   | 43.3   | 52.3   | 59.5   | 59.5   | 57.7   | 50.5   | 54.1   |
| 82.5° | 10.8   | 18.0   | 27.0   | 34.2   | 41.4   | 50.5   | 57.7   | 59.5   | 54.1   | 50.5   | 52.3   |
| 85°   | 12.6   | 19.8   | 28.8   | 36.0   | 45.1   | 41.4   | 37.8   | 30.6   | 28.8   | 23.4   | 25.2   |
| 87.5° | 12.6   | 18.0   | 18.0   | 19.8   | 21.6   | 21.6   | 21.6   | 19.8   | 16.2   | 14.4   | 14.4   |
| 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: P648823

CATALOG NUMBER: GLAN-SA3C-835-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 | 4607.3 |
| 2.5°  | 5034.5 | 5178.8 | 5173.3 | 5176.9 | 5155.3 | 5009.3 | 4939.0 | 4760.6 | 4811.0 | 4789.4 |
| 5°    | 5227.4 | 5369.8 | 5492.4 | 5477.9 | 5312.1 | 5113.9 | 4820.0 | 4542.4 | 4466.7 | 4355.0 |
| 7.5°  | 5034.5 | 5377.0 | 5490.6 | 5474.3 | 5229.2 | 4975.0 | 4506.4 | 4228.7 | 4097.2 | 4023.3 |
| 10°   | 4728.1 | 5124.7 | 5265.3 | 5294.1 | 5128.3 | 4742.5 | 4311.7 | 3866.5 | 3796.1 | 3668.2 |
| 12.5° | 4553.2 | 4841.7 | 4928.2 | 5005.6 | 4948.0 | 4659.6 | 4163.9 | 3736.7 | 3639.4 | 3554.7 |
| 15°   | 4410.9 | 4582.1 | 4618.1 | 4706.5 | 4740.7 | 4585.7 | 4241.4 | 3877.3 | 3637.6 | 3628.5 |
| 17.5° | 4542.4 | 4472.1 | 4340.6 | 4367.6 | 4475.7 | 4587.5 | 4441.5 | 4154.9 | 3922.4 | 3893.5 |
| 20°   | 4760.6 | 4450.5 | 4153.1 | 4219.7 | 4309.9 | 4652.4 | 4744.3 | 4542.4 | 4409.1 | 4335.2 |
| 22.5° | 5011.1 | 4488.3 | 4093.6 | 4126.0 | 4297.3 | 4798.4 | 5234.6 | 5122.9 | 4874.1 | 4767.8 |
| 25°   | 5474.3 | 4592.9 | 4140.4 | 4162.1 | 4396.4 | 5002.0 | 5678.0 | 5760.9 | 5613.2 | 5591.5 |
| 27.5° | 5926.8 | 4863.3 | 4243.2 | 4194.5 | 4446.9 | 5200.4 | 5946.6 | 6391.9 | 6132.3 | 6081.8 |
| 30°   | 6157.5 | 5083.2 | 4396.4 | 4313.5 | 4656.0 | 5321.1 | 6108.8 | 6802.8 | 6575.7 | 6552.3 |
| 32.5° | 6510.8 | 5283.3 | 4515.4 | 4409.1 | 4773.2 | 5470.7 | 6411.7 | 7251.7 | 7031.7 | 6914.6 |
| 35°   | 6658.6 | 5501.4 | 4776.8 | 4652.4 | 5108.4 | 5679.8 | 6566.7 | 7651.8 | 7583.4 | 7469.7 |
| 37.5° | 6943.4 | 5735.7 | 5085.0 | 5077.8 | 5514.0 | 5952.1 | 6846.1 | 8196.2 | 8183.6 | 7987.1 |
| 40°   | 6966.8 | 5991.7 | 5571.7 | 5798.8 | 6141.3 | 6426.1 | 7091.2 | 8347.6 | 8553.1 | 8419.7 |
| 42.5° | 7002.9 | 6440.5 | 6413.5 | 6600.9 | 6894.8 | 6833.5 | 7100.2 | 8383.7 | 8697.3 | 8618.0 |
| 45°   | 7019.1 | 6889.4 | 7269.7 | 7615.8 | 7738.3 | 7367.0 | 7015.5 | 8315.1 | 8773.0 | 8574.7 |
| 47.5° | 6889.4 | 7275.1 | 7961.9 | 8630.6 | 8666.6 | 7695.1 | 6979.5 | 8244.8 | 8818.1 | 8686.5 |
| 50°   | 6907.4 | 7516.6 | 8560.3 | 9158.8 | 9027.1 | 7985.3 | 6923.6 | 8201.6 | 8794.7 | 8706.3 |
| 52°   | 6864.1 | 7522.0 | 8645.0 | 9147.9 | 9056.0 | 7824.8 | 6828.1 | 8035.8 | 8773.0 | 8836.1 |
| 52.5° | 6912.8 | 7489.6 | 8556.7 | 9155.1 | 9036.2 | 7904.2 | 6815.5 | 8127.7 | 8785.7 | 8657.6 |
| 55°   | 6745.2 | 7103.8 | 8039.4 | 8293.5 | 8275.5 | 7174.2 | 6427.9 | 7823.0 | 8455.8 | 8457.6 |
| 57.5° | 6096.2 | 6157.5 | 6305.3 | 6299.9 | 6217.0 | 5640.2 | 5497.8 | 7194.0 | 7538.3 | 7350.8 |
| 60°   | 5371.6 | 4508.2 | 4109.8 | 3947.6 | 3855.6 | 3761.9 | 4863.3 | 6581.1 | 6613.5 | 6534.2 |
| 62.5° | 4641.5 | 3125.7 | 2595.6 | 2550.6 | 2572.2 | 2914.7 | 4701.1 | 6337.8 | 6143.1 | 5971.9 |
| 65°   | 3745.7 | 2278.5 | 1885.5 | 1826.0 | 2036.9 | 2406.4 | 3805.1 | 4859.7 | 4560.4 | 4418.1 |
| 67.5° | 2352.3 | 1661.9 | 1274.4 | 1162.7 | 1416.8 | 1656.5 | 2500.1 | 3053.5 | 2718.3 | 2521.7 |
| 70°   | 1395.1 | 928.3  | 576.8  | 517.3  | 582.2  | 883.2  | 1400.6 | 1523.2 | 1260.0 | 1159.1 |
| 72.5° | 549.7  | 340.7  | 160.4  | 137.0  | 142.4  | 310.1  | 515.5  | 502.9  | 380.3  | 338.9  |
| 75°   | 147.8  | 102.7  | 55.9   | 45.1   | 37.8   | 57.7   | 82.9   | 54.1   | 19.8   | 25.2   |
| 77.5° | 68.5   | 61.3   | 48.7   | 37.8   | 28.8   | 21.6   | 10.8   | 3.6    | 3.6    | 1.8    |
| 80°   | 59.5   | 52.3   | 45.1   | 37.8   | 28.8   | 18.0   | 9.0    | 1.8    | 1.8    | 1.8    |
| 82.5° | 55.9   | 48.7   | 41.4   | 34.2   | 27.0   | 18.0   | 9.0    | 1.8    | 0.0    | 0.0    |
| 85°   | 23.4   | 30.6   | 34.2   | 32.4   | 28.8   | 18.0   | 9.0    | 1.8    | 0.0    | 0.0    |
| 87.5° | 12.6   | 10.8   | 9.0    | 7.2    | 5.4    | 3.6    | 3.6    | 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    |

(END OF REPORT)