

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: P529173

Luminaire Tested: **GLAN-SA4B-740-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P529173  
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-SA4B-740-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 4000K, 800mA 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: 12444 lumens  
Efficiency: N/A  
Efficacy: 75.9 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): 164  
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

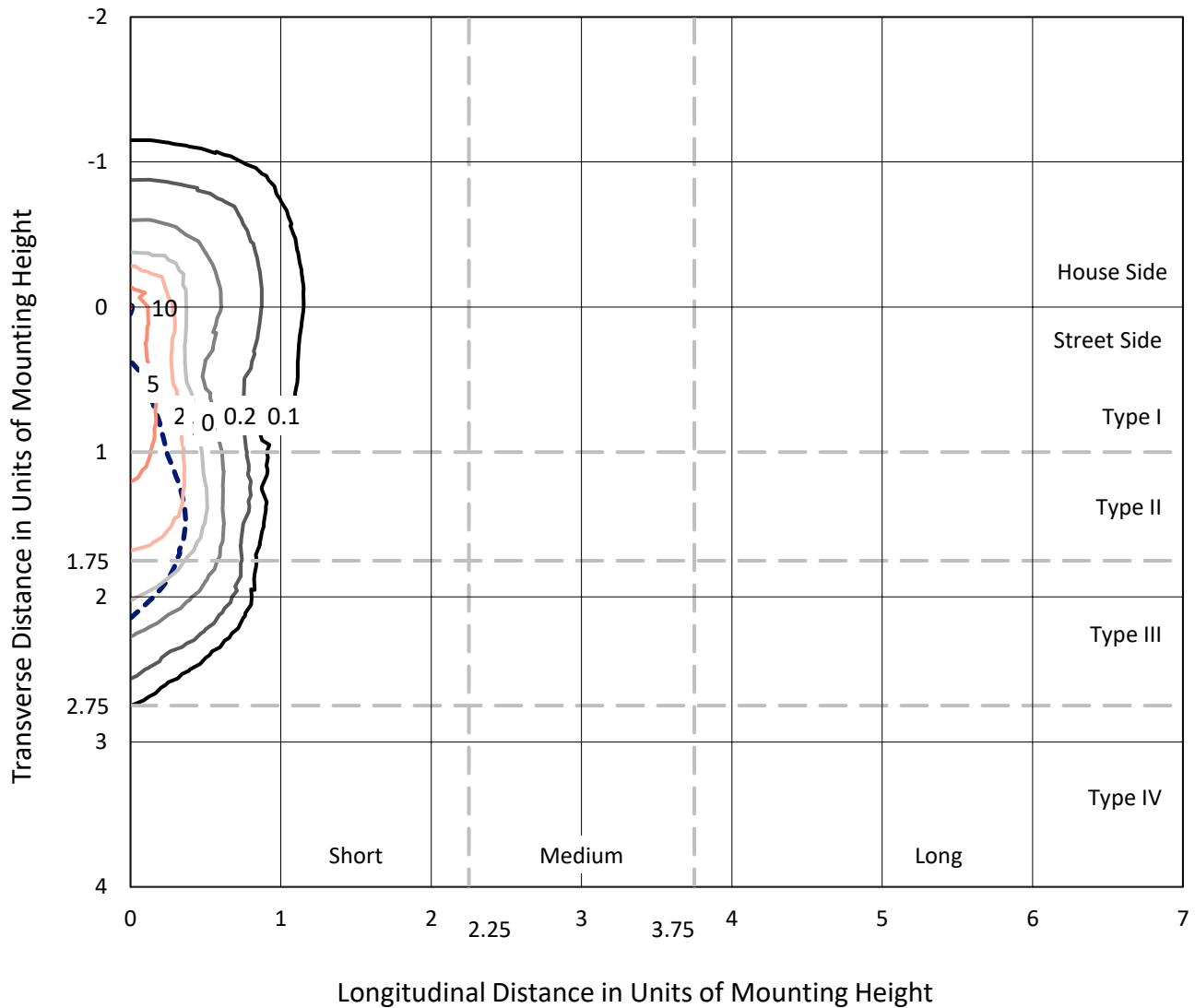


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

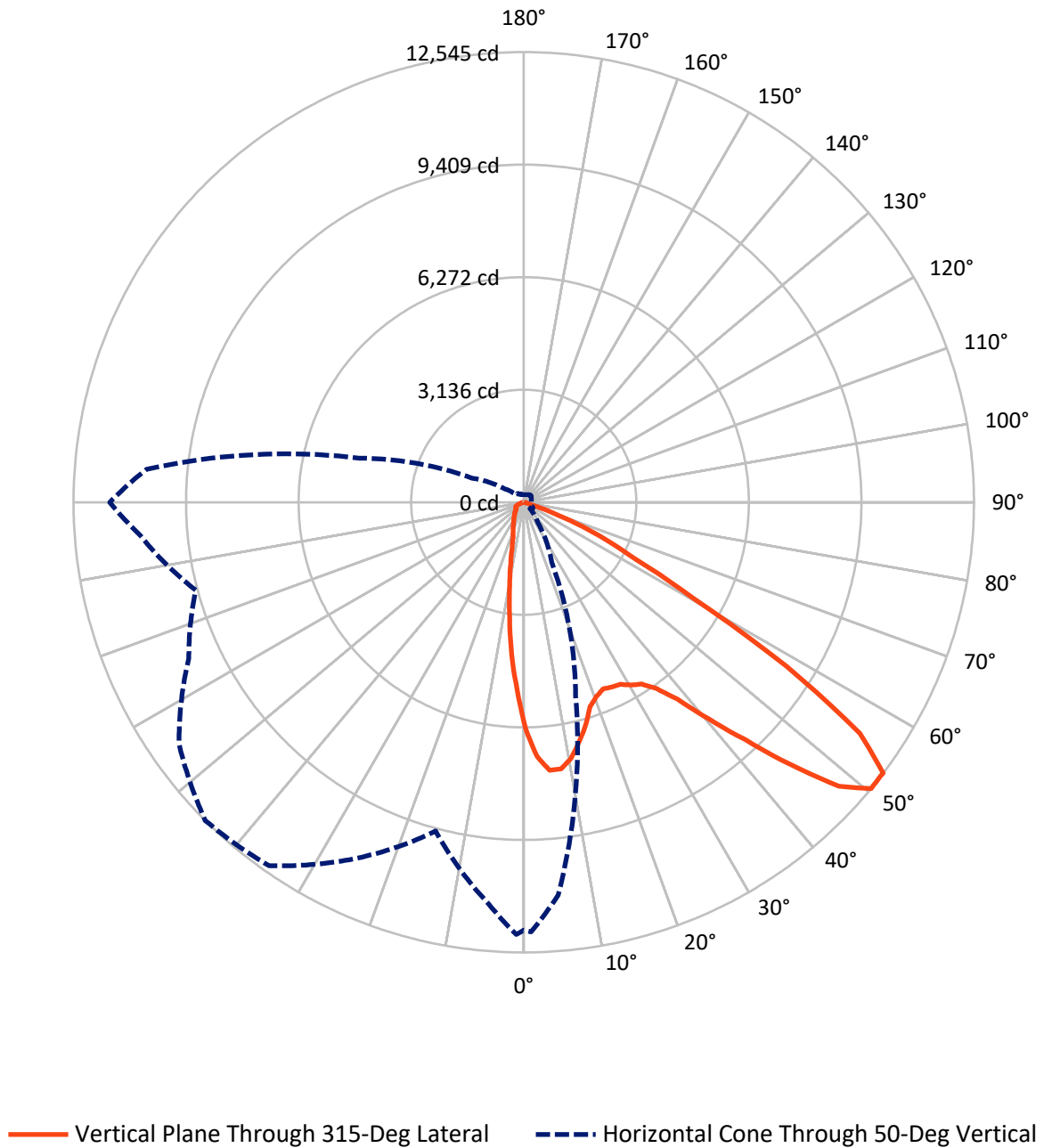


Based on 25 foot mounting height. Maximum calculated value = 10.1 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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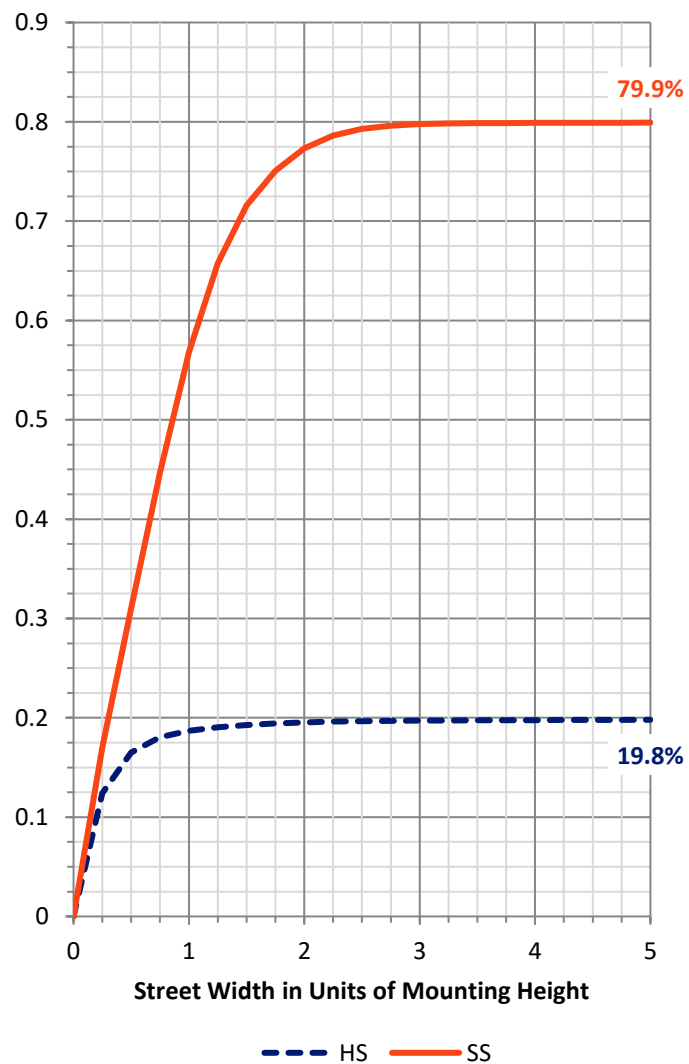
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2492.5   | 0.0    | 2492.5  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 9951.5   | 0.0    | 9951.5  |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 12444.0  | 0.0    | 12444.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 460.0   | 3.7       |
| 10°-20°   | 914.2   | 7.3       |
| 20°-30°   | 1373.4  | 11.0      |
| 30°-40°   | 2061.4  | 16.6      |
| 40°-50°   | 2897.2  | 23.3      |
| 50°-60°   | 3125.1  | 25.1      |
| 60°-70°   | 1451.0  | 11.7      |
| 70°-80°   | 136.5   | 1.1       |
| 80°-90°   | 25.2    | 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°    | 12444.0 | 100.0     |
| 0°-180°   | 12444.0 | 100.0     |

**Coefficient of Utilization**



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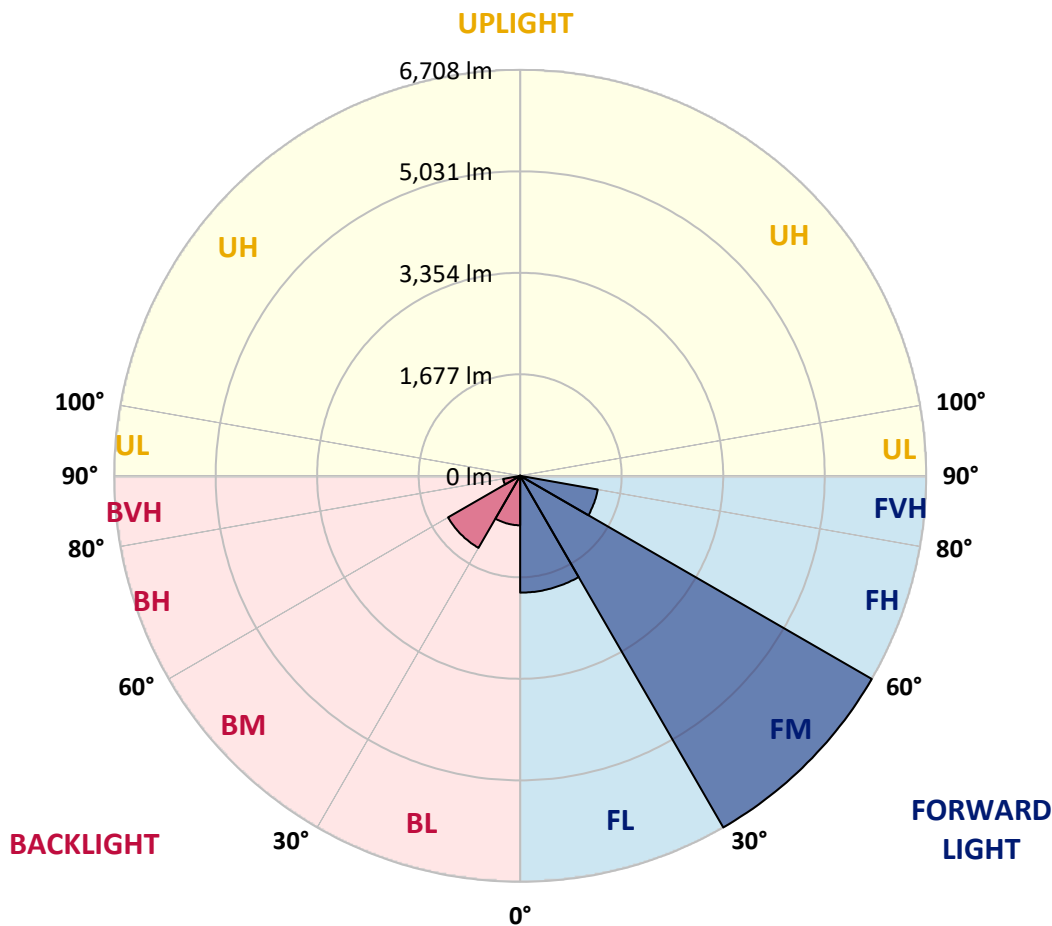
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1930.6 | 15.5      |                         |      |         |
| FM   | (30°-60°)   | 6708.2 | 53.9      |                         |      |         |
| FH   | (60°-80°)   | 1301.3 | 10.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 11.3   | 0.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 817.0  | 6.6       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1375.5 | 11.1      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 286.2  | 2.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 13.8   | 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°    | 6310.7  | 6310.7  | 6310.7  | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 |
| 2.5°  | 6560.0  | 6458.8  | 6330.4  | 6224.3 | 6066.2 | 5747.8 | 5661.3 | 5557.6 | 5471.2 | 5355.2 | 5192.2 |
| 5°    | 5965.0  | 5932.9  | 5873.7  | 5473.7 | 5184.8 | 4799.7 | 4483.6 | 4350.3 | 4175.0 | 4031.8 | 3928.1 |
| 7.5°  | 5510.7  | 5382.3  | 5194.7  | 4792.3 | 4330.6 | 3918.2 | 3567.7 | 3362.7 | 3130.6 | 3051.6 | 2910.9 |
| 10°   | 5024.3  | 5054.0  | 4777.4  | 4212.1 | 3654.1 | 3320.8 | 3103.5 | 2906.0 | 2696.1 | 2557.8 | 2357.9 |
| 12.5° | 4868.8  | 4772.5  | 4560.2  | 3861.5 | 3385.0 | 3073.9 | 2809.7 | 2565.3 | 2343.0 | 2120.8 | 1928.3 |
| 15°   | 4970.0  | 4821.9  | 4525.6  | 3787.4 | 3177.6 | 2789.9 | 2459.1 | 2128.2 | 1923.3 | 1639.4 | 1439.4 |
| 17.5° | 5333.0  | 5214.5  | 4817.0  | 3866.4 | 3071.4 | 2518.3 | 2027.0 | 1686.3 | 1372.7 | 1116.0 | 1014.7 |
| 20°   | 5937.9  | 5770.0  | 5271.2  | 3967.6 | 2913.4 | 2190.0 | 1644.3 | 1224.6 | 928.3  | 819.7  | 762.9  |
| 22.5° | 6530.4  | 6439.1  | 5809.5  | 4162.7 | 2772.6 | 1898.6 | 1234.5 | 824.6  | 693.8  | 674.0  | 637.0  |
| 25°   | 7658.7  | 7384.7  | 6631.6  | 4515.7 | 2664.0 | 1624.6 | 930.8  | 664.2  | 587.6  | 572.8  | 577.7  |
| 27.5° | 8330.3  | 8100.7  | 7392.1  | 4750.3 | 2543.0 | 1414.7 | 787.6  | 609.8  | 558.0  | 525.9  | 513.5  |
| 30°   | 8974.7  | 8708.0  | 7769.8  | 4888.6 | 2283.8 | 1192.5 | 698.7  | 585.1  | 572.8  | 525.9  | 511.1  |
| 32.5° | 9471.0  | 9209.2  | 8315.5  | 5095.9 | 2177.6 | 1049.3 | 575.3  | 456.8  | 424.7  | 419.7  | 464.2  |
| 35°   | 10231.4 | 9952.4  | 8782.1  | 5209.5 | 2096.2 | 975.2  | 498.7  | 407.4  | 370.3  | 355.5  | 358.0  |
| 37.5° | 10940.0 | 10749.9 | 9214.2  | 5254.0 | 2009.7 | 953.0  | 446.9  | 365.4  | 333.3  | 323.4  | 321.0  |
| 40°   | 11532.5 | 11107.9 | 9624.0  | 5300.9 | 1972.7 | 911.0  | 414.8  | 333.3  | 311.1  | 296.3  | 296.3  |
| 42.5° | 11804.1 | 11372.1 | 10083.3 | 5273.7 | 1962.8 | 844.4  | 414.8  | 306.2  | 288.9  | 274.1  | 271.6  |
| 45°   | 11744.9 | 11569.6 | 10288.2 | 5261.4 | 1962.8 | 777.7  | 377.8  | 298.7  | 274.1  | 254.3  | 249.4  |
| 47.5° | 11897.9 | 11668.3 | 10545.0 | 5313.2 | 1923.3 | 730.8  | 318.5  | 313.6  | 259.2  | 234.6  | 229.6  |
| 50°   | 11925.1 | 11969.5 | 10991.8 | 5582.3 | 1836.9 | 671.6  | 249.4  | 308.6  | 249.4  | 212.3  | 207.4  |
| 52°   | 12102.9 | 11826.3 | 11127.6 | 5725.5 | 1745.6 | 627.1  | 209.9  | 264.2  | 239.5  | 197.5  | 192.6  |
| 52.5° | 11858.4 | 12038.7 | 11159.7 | 5777.4 | 1755.4 | 597.5  | 202.5  | 259.2  | 234.6  | 197.5  | 185.2  |
| 55°   | 11584.4 | 11757.2 | 11028.9 | 5888.5 | 1609.8 | 469.1  | 158.0  | 187.6  | 212.3  | 172.8  | 165.4  |
| 57.5° | 10068.4 | 10243.7 | 9584.5  | 5392.2 | 1311.0 | 330.8  | 130.9  | 140.7  | 187.6  | 160.5  | 153.1  |
| 60°   | 8950.0  | 8824.1  | 8043.9  | 4498.5 | 930.8  | 185.2  | 103.7  | 108.6  | 204.9  | 148.1  | 145.7  |
| 62.5° | 8179.7  | 7910.6  | 6723.0  | 3473.8 | 567.9  | 123.4  | 81.5   | 83.9   | 158.0  | 138.3  | 138.3  |
| 65°   | 6051.4  | 5750.2  | 4466.4  | 2101.1 | 279.0  | 86.4   | 61.7   | 66.7   | 98.8   | 118.5  | 118.5  |
| 67.5° | 3454.1  | 3338.0  | 2157.9  | 948.1  | 116.0  | 54.3   | 46.9   | 51.8   | 76.5   | 96.3   | 91.4   |
| 70°   | 1587.5  | 1424.6  | 829.6   | 200.0  | 54.3   | 37.0   | 37.0   | 42.0   | 61.7   | 71.6   | 66.7   |
| 72.5° | 464.2   | 439.5   | 202.5   | 32.1   | 22.2   | 22.2   | 24.7   | 32.1   | 46.9   | 54.3   | 49.4   |
| 75°   | 34.6    | 22.2    | 14.8    | 9.9    | 9.9    | 14.8   | 19.8   | 32.1   | 46.9   | 51.8   | 42.0   |
| 77.5° | 2.5     | 4.9     | 2.5     | 2.5    | 7.4    | 14.8   | 22.2   | 39.5   | 61.7   | 64.2   | 46.9   |
| 80°   | 2.5     | 2.5     | 0.0     | 2.5    | 7.4    | 14.8   | 24.7   | 44.4   | 69.1   | 74.1   | 39.5   |
| 82.5° | 0.0     | 0.0     | 0.0     | 2.5    | 9.9    | 19.8   | 29.6   | 46.9   | 64.2   | 79.0   | 42.0   |
| 85°   | 0.0     | 0.0     | 0.0     | 2.5    | 14.8   | 27.2   | 34.6   | 12.3   | 7.4    | 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°    | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 |
| 2.5°  | 5308.3 | 5244.1 | 5219.4 | 5241.6 | 5234.2 | 5226.8 | 5362.6 | 5333.0 | 5328.0 | 5372.5 | 5362.6 |
| 5°    | 3984.9 | 3871.3 | 4182.4 | 4056.5 | 4187.4 | 4266.4 | 4281.2 | 4288.6 | 4379.9 | 4283.7 | 4409.6 |
| 7.5°  | 2839.3 | 2868.9 | 2866.5 | 2950.4 | 3101.0 | 3234.3 | 3313.4 | 3251.6 | 3246.7 | 3234.3 | 3180.0 |
| 10°   | 2269.0 | 2217.1 | 2207.3 | 2187.5 | 2234.4 | 2348.0 | 2444.3 | 2367.7 | 2313.4 | 2387.5 | 2365.3 |
| 12.5° | 1854.2 | 1782.6 | 1743.1 | 1664.1 | 1666.6 | 1743.1 | 1743.1 | 1743.1 | 1797.4 | 1839.4 | 1871.5 |
| 15°   | 1422.1 | 1362.9 | 1362.9 | 1283.9 | 1266.6 | 1269.0 | 1308.6 | 1313.5 | 1399.9 | 1424.6 | 1436.9 |
| 17.5° | 995.0  | 962.9  | 999.9  | 1032.0 | 1012.3 | 1017.2 | 1032.0 | 1037.0 | 1049.3 | 1039.4 | 1064.1 |
| 20°   | 765.4  | 760.4  | 770.3  | 827.1  | 869.1  | 893.8  | 876.5  | 851.8  | 837.0  | 802.4  | 802.4  |
| 22.5° | 649.3  | 659.2  | 676.5  | 723.4  | 777.7  | 792.5  | 772.8  | 716.0  | 671.6  | 666.6  | 669.1  |
| 25°   | 577.7  | 587.6  | 614.8  | 644.4  | 674.0  | 698.7  | 679.0  | 637.0  | 612.3  | 590.1  | 590.1  |
| 27.5° | 533.3  | 538.2  | 553.0  | 575.3  | 600.0  | 619.7  | 612.3  | 590.1  | 562.9  | 553.0  | 530.8  |
| 30°   | 498.7  | 506.1  | 523.4  | 528.4  | 550.6  | 560.5  | 548.1  | 543.2  | 525.9  | 513.5  | 506.1  |
| 32.5° | 481.4  | 479.0  | 491.3  | 496.3  | 498.7  | 506.1  | 491.3  | 498.7  | 496.3  | 476.5  | 469.1  |
| 35°   | 362.9  | 382.7  | 414.8  | 441.9  | 449.4  | 459.2  | 456.8  | 446.9  | 419.7  | 397.5  | 370.3  |
| 37.5° | 325.9  | 338.2  | 355.5  | 377.8  | 407.4  | 419.7  | 414.8  | 390.1  | 358.0  | 343.2  | 338.2  |
| 40°   | 301.2  | 308.6  | 323.4  | 338.2  | 367.9  | 390.1  | 372.8  | 350.6  | 325.9  | 313.6  | 306.2  |
| 42.5° | 279.0  | 281.5  | 288.9  | 303.7  | 325.9  | 360.5  | 330.8  | 301.2  | 291.3  | 283.9  | 279.0  |
| 45°   | 254.3  | 254.3  | 264.2  | 271.6  | 296.3  | 328.4  | 298.7  | 271.6  | 266.6  | 261.7  | 259.2  |
| 47.5° | 234.6  | 237.0  | 242.0  | 251.8  | 271.6  | 293.8  | 274.1  | 251.8  | 239.5  | 237.0  | 232.1  |
| 50°   | 209.9  | 212.3  | 222.2  | 232.1  | 256.8  | 269.1  | 256.8  | 232.1  | 219.7  | 212.3  | 212.3  |
| 52°   | 190.1  | 197.5  | 207.4  | 227.1  | 244.4  | 264.2  | 249.4  | 222.2  | 207.4  | 200.0  | 195.0  |
| 52.5° | 187.6  | 192.6  | 202.5  | 224.7  | 244.4  | 261.7  | 246.9  | 219.7  | 202.5  | 197.5  | 192.6  |
| 55°   | 167.9  | 175.3  | 192.6  | 219.7  | 242.0  | 261.7  | 242.0  | 217.3  | 192.6  | 180.2  | 175.3  |
| 57.5° | 160.5  | 165.4  | 187.6  | 222.2  | 239.5  | 261.7  | 242.0  | 217.3  | 192.6  | 170.4  | 165.4  |
| 60°   | 153.1  | 163.0  | 187.6  | 214.8  | 237.0  | 264.2  | 244.4  | 214.8  | 187.6  | 160.5  | 160.5  |
| 62.5° | 145.7  | 153.1  | 185.2  | 209.9  | 227.1  | 254.3  | 234.6  | 209.9  | 180.2  | 153.1  | 150.6  |
| 65°   | 125.9  | 138.3  | 163.0  | 175.3  | 195.0  | 219.7  | 200.0  | 182.7  | 158.0  | 135.8  | 133.3  |
| 67.5° | 96.3   | 101.2  | 121.0  | 135.8  | 148.1  | 170.4  | 160.5  | 138.3  | 121.0  | 103.7  | 103.7  |
| 70°   | 66.7   | 71.6   | 86.4   | 93.8   | 106.2  | 118.5  | 111.1  | 93.8   | 81.5   | 71.6   | 69.1   |
| 72.5° | 46.9   | 49.4   | 54.3   | 59.3   | 64.2   | 69.1   | 66.7   | 54.3   | 46.9   | 44.4   | 42.0   |
| 75°   | 37.0   | 42.0   | 44.4   | 42.0   | 39.5   | 37.0   | 37.0   | 32.1   | 27.2   | 24.7   | 24.7   |
| 77.5° | 37.0   | 39.5   | 37.0   | 32.1   | 27.2   | 24.7   | 22.2   | 19.8   | 14.8   | 12.3   | 14.8   |
| 80°   | 32.1   | 32.1   | 32.1   | 27.2   | 24.7   | 22.2   | 19.8   | 17.3   | 14.8   | 12.3   | 12.3   |
| 82.5° | 34.6   | 34.6   | 32.1   | 27.2   | 27.2   | 22.2   | 22.2   | 19.8   | 17.3   | 12.3   | 12.3   |
| 85°   | 0.0    | 0.0    | 0.0    | 4.9    | 12.3   | 22.2   | 22.2   | 19.8   | 17.3   | 14.8   | 14.8   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 2.5    | 4.9    | 9.9    | 12.3   | 14.8   | 14.8   | 14.8   |
| 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°    | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7 | 6310.7  | 6310.7  | 6310.7  |
| 2.5°  | 5451.5 | 5545.3 | 5723.1 | 5900.8 | 6009.5 | 6137.8 | 6369.9 | 6493.4 | 6653.9  | 6732.9  | 6888.4  |
| 5°    | 4392.3 | 4614.5 | 4693.5 | 4896.0 | 5113.2 | 5330.5 | 5676.2 | 6056.4 | 6372.4  | 6589.7  | 6871.1  |
| 7.5°  | 3204.7 | 3256.6 | 3562.7 | 3698.5 | 4054.0 | 4449.1 | 4920.6 | 5399.6 | 5799.6  | 6155.1  | 6369.9  |
| 10°   | 2402.3 | 2592.4 | 2785.0 | 3044.2 | 3330.6 | 3738.0 | 4189.8 | 4718.2 | 5236.7  | 5592.2  | 5863.8  |
| 12.5° | 1930.7 | 2081.3 | 2338.1 | 2617.1 | 2970.2 | 3239.3 | 3693.6 | 4217.0 | 4888.6  | 5236.7  | 5594.7  |
| 15°   | 1461.6 | 1654.2 | 1945.5 | 2234.4 | 2607.2 | 2891.2 | 3350.4 | 4009.6 | 4873.7  | 5352.7  | 5661.3  |
| 17.5° | 1083.9 | 1214.7 | 1476.4 | 1799.9 | 2180.1 | 2580.1 | 3199.8 | 3987.4 | 5039.2  | 5609.5  | 5928.0  |
| 20°   | 829.6  | 874.0  | 1039.4 | 1328.3 | 1740.6 | 2264.0 | 2955.4 | 4083.7 | 5528.0  | 6234.1  | 6557.6  |
| 22.5° | 671.6  | 691.3  | 755.5  | 955.5  | 1355.5 | 1987.5 | 2839.3 | 4150.3 | 6078.6  | 6982.2  | 7414.3  |
| 25°   | 585.1  | 580.2  | 622.2  | 708.6  | 1059.2 | 1728.3 | 2691.2 | 4402.2 | 6752.6  | 7861.2  | 8248.8  |
| 27.5° | 533.3  | 533.3  | 553.0  | 614.8  | 879.0  | 1560.4 | 2597.4 | 4582.4 | 7431.6  | 8634.0  | 8843.8  |
| 30°   | 506.1  | 511.1  | 567.9  | 587.6  | 730.8  | 1360.4 | 2441.8 | 4765.1 | 8080.9  | 9127.8  | 9416.6  |
| 32.5° | 469.1  | 449.4  | 437.0  | 486.4  | 614.8  | 1180.2 | 2286.3 | 4841.6 | 8606.8  | 9732.7  | 9979.6  |
| 35°   | 360.5  | 350.6  | 365.4  | 402.4  | 528.4  | 1027.1 | 2113.4 | 4928.1 | 9211.7  | 10433.8 | 10483.2 |
| 37.5° | 325.9  | 323.4  | 333.3  | 365.4  | 444.4  | 893.8  | 1990.0 | 4905.8 | 9673.4  | 11014.1 | 10880.7 |
| 40°   | 301.2  | 301.2  | 308.6  | 335.8  | 397.5  | 799.9  | 1861.6 | 4886.1 | 10120.3 | 11665.9 | 11275.8 |
| 42.5° | 281.5  | 281.5  | 293.8  | 311.1  | 377.8  | 738.2  | 1765.3 | 4858.9 | 10495.6 | 12065.8 | 11507.8 |
| 45°   | 254.3  | 261.7  | 281.5  | 298.7  | 382.7  | 696.2  | 1693.7 | 4755.2 | 10624.0 | 12060.9 | 11396.7 |
| 47.5° | 234.6  | 244.4  | 264.2  | 288.9  | 345.7  | 683.9  | 1644.3 | 4663.9 | 10579.5 | 11764.6 | 11048.6 |
| 50°   | 212.3  | 224.7  | 251.8  | 293.8  | 293.8  | 659.2  | 1592.5 | 4745.4 | 10547.4 | 11535.0 | 10715.3 |
| 52°   | 197.5  | 207.4  | 242.0  | 286.4  | 256.8  | 607.4  | 1560.4 | 4903.4 | 10678.3 | 11505.4 | 10567.2 |
| 52.5° | 195.0  | 202.5  | 234.6  | 281.5  | 244.4  | 597.5  | 1538.2 | 4940.4 | 10720.2 | 11431.3 | 10668.4 |
| 55°   | 172.8  | 182.7  | 214.8  | 219.7  | 200.0  | 491.3  | 1466.6 | 5024.3 | 10512.9 | 11285.6 | 10572.1 |
| 57.5° | 163.0  | 167.9  | 190.1  | 180.2  | 172.8  | 370.3  | 1261.6 | 4893.5 | 9337.6  | 10024.0 | 9836.4  |
| 60°   | 150.6  | 155.5  | 177.8  | 140.7  | 145.7  | 259.2  | 948.1  | 4249.1 | 7498.2  | 8352.5  | 8690.8  |
| 62.5° | 145.7  | 143.2  | 167.9  | 113.6  | 123.4  | 187.6  | 669.1  | 3454.1 | 5777.4  | 6876.1  | 7461.2  |
| 65°   | 128.4  | 125.9  | 121.0  | 96.3   | 106.2  | 145.7  | 400.0  | 2254.2 | 4071.3  | 5202.1  | 5523.1  |
| 67.5° | 98.8   | 103.7  | 88.9   | 76.5   | 88.9   | 113.6  | 222.2  | 1009.8 | 2135.7  | 3120.8  | 3380.0  |
| 70°   | 69.1   | 74.1   | 71.6   | 66.7   | 79.0   | 93.8   | 128.4  | 345.7  | 883.9   | 1639.4  | 1807.3  |
| 72.5° | 42.0   | 51.8   | 54.3   | 56.8   | 69.1   | 81.5   | 91.4   | 111.1  | 234.6   | 580.2   | 720.9   |
| 75°   | 24.7   | 34.6   | 42.0   | 49.4   | 56.8   | 69.1   | 76.5   | 79.0   | 81.5    | 108.6   | 175.3   |
| 77.5° | 17.3   | 24.7   | 37.0   | 46.9   | 56.8   | 69.1   | 81.5   | 86.4   | 81.5    | 76.5    | 81.5    |
| 80°   | 14.8   | 24.7   | 34.6   | 44.4   | 59.3   | 71.6   | 81.5   | 81.5   | 79.0    | 69.1    | 74.1    |
| 82.5° | 14.8   | 24.7   | 37.0   | 46.9   | 56.8   | 69.1   | 79.0   | 81.5   | 74.1    | 69.1    | 71.6    |
| 85°   | 17.3   | 27.2   | 39.5   | 49.4   | 61.7   | 56.8   | 51.8   | 42.0   | 39.5    | 32.1    | 34.6    |
| 87.5° | 17.3   | 24.7   | 24.7   | 27.2   | 29.6   | 29.6   | 29.6   | 27.2   | 22.2    | 19.8    | 19.8    |
| 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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CATALOG NUMBER: GLAN-SA4B-740-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°    | 305°    | 315°    | 325°    | 335°    | 345°   | 355°    | 359°    | 360°    |
|-------|--------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
| 0°    | 6310.7 | 6310.7  | 6310.7  | 6310.7  | 6310.7  | 6310.7  | 6310.7 | 6310.7  | 6310.7  | 6310.7  |
| 2.5°  | 6895.8 | 7093.3  | 7085.9  | 7090.9  | 7061.2  | 6861.3  | 6765.0 | 6520.5  | 6589.7  | 6560.0  |
| 5°    | 7160.0 | 7355.0  | 7522.9  | 7503.2  | 7276.0  | 7004.5  | 6602.0 | 6221.8  | 6118.1  | 5965.0  |
| 7.5°  | 6895.8 | 7364.9  | 7520.5  | 7498.2  | 7162.5  | 6814.3  | 6172.4 | 5792.2  | 5612.0  | 5510.7  |
| 10°   | 6476.1 | 7019.3  | 7211.8  | 7251.4  | 7024.2  | 6495.8  | 5905.8 | 5295.9  | 5199.6  | 5024.3  |
| 12.5° | 6236.6 | 6631.6  | 6750.2  | 6856.3  | 6777.3  | 6382.3  | 5703.3 | 5118.2  | 4984.8  | 4868.8  |
| 15°   | 6041.6 | 6276.1  | 6325.5  | 6446.5  | 6493.4  | 6281.0  | 5809.5 | 5310.7  | 4982.4  | 4970.0  |
| 17.5° | 6221.8 | 6125.5  | 5945.3  | 5982.3  | 6130.4  | 6283.5  | 6083.5 | 5691.0  | 5372.5  | 5333.0  |
| 20°   | 6520.5 | 6095.9  | 5688.5  | 5779.8  | 5903.3  | 6372.4  | 6498.3 | 6221.8  | 6039.1  | 5937.9  |
| 22.5° | 6863.7 | 6147.7  | 5607.0  | 5651.5  | 5886.0  | 6572.4  | 7169.9 | 7016.8  | 6676.1  | 6530.4  |
| 25°   | 7498.2 | 6290.9  | 5671.2  | 5700.8  | 6021.8  | 6851.4  | 7777.2 | 7890.8  | 7688.4  | 7658.7  |
| 27.5° | 8118.0 | 6661.3  | 5811.9  | 5745.3  | 6090.9  | 7123.0  | 8145.1 | 8755.0  | 8399.4  | 8330.3  |
| 30°   | 8434.0 | 6962.5  | 6021.8  | 5908.2  | 6377.3  | 7288.4  | 8367.3 | 9317.9  | 9006.8  | 8974.7  |
| 32.5° | 8917.9 | 7236.5  | 6184.8  | 6039.1  | 6537.8  | 7493.3  | 8782.1 | 9932.6  | 9631.4  | 9471.0  |
| 35°   | 9120.4 | 7535.3  | 6542.8  | 6372.4  | 6997.0  | 7779.7  | 8994.4 | 10480.8 | 10386.9 | 10231.4 |
| 37.5° | 9510.5 | 7856.2  | 6965.0  | 6955.1  | 7552.6  | 8152.5  | 9377.1 | 11226.4 | 11209.1 | 10940.0 |
| 40°   | 9542.6 | 8206.8  | 7631.6  | 7942.7  | 8411.8  | 8801.9  | 9712.9 | 11433.8 | 11715.2 | 11532.5 |
| 42.5° | 9591.9 | 8821.6  | 8784.6  | 9041.4  | 9443.8  | 9359.8  | 9725.3 | 11483.2 | 11912.8 | 11804.1 |
| 45°   | 9614.2 | 9436.4  | 9957.3  | 10431.4 | 10599.3 | 10090.7 | 9609.2 | 11389.3 | 12016.5 | 11744.9 |
| 47.5° | 9436.4 | 9964.7  | 10905.4 | 11821.4 | 11870.8 | 10540.0 | 9559.8 | 11293.0 | 12078.2 | 11897.9 |
| 50°   | 9461.1 | 10295.6 | 11725.1 | 12544.8 | 12364.6 | 10937.5 | 9483.3 | 11233.8 | 12046.1 | 11925.1 |
| 52°   | 9401.8 | 10303.0 | 11841.2 | 12530.0 | 12404.1 | 10717.8 | 9352.4 | 11006.6 | 12016.5 | 12102.9 |
| 52.5° | 9468.5 | 10258.6 | 11720.2 | 12539.9 | 12376.9 | 10826.4 | 9335.2 | 11132.6 | 12033.7 | 11858.4 |
| 55°   | 9238.9 | 9730.2  | 11011.6 | 11359.7 | 11335.0 | 9826.5  | 8804.3 | 10715.3 | 11581.9 | 11584.4 |
| 57.5° | 8350.0 | 8434.0  | 8636.4  | 8629.0  | 8515.5  | 7725.4  | 7530.3 | 9853.6  | 10325.2 | 10068.4 |
| 60°   | 7357.5 | 6174.9  | 5629.2  | 5407.0  | 5281.1  | 5152.7  | 6661.3 | 9014.2  | 9058.6  | 8950.0  |
| 62.5° | 6357.6 | 4281.2  | 3555.3  | 3493.6  | 3523.2  | 3992.3  | 6439.1 | 8680.9  | 8414.2  | 8179.7  |
| 65°   | 5130.5 | 3120.8  | 2582.5  | 2501.1  | 2789.9  | 3296.1  | 5212.0 | 6656.3  | 6246.5  | 6051.4  |
| 67.5° | 3222.0 | 2276.4  | 1745.6  | 1592.5  | 1940.6  | 2269.0  | 3424.5 | 4182.4  | 3723.2  | 3454.1  |
| 70°   | 1911.0 | 1271.5  | 790.1   | 708.6   | 797.5   | 1209.8  | 1918.4 | 2086.3  | 1725.8  | 1587.5  |
| 72.5° | 753.0  | 466.6   | 219.7   | 187.6   | 195.0   | 424.7   | 706.1  | 688.8   | 521.0   | 464.2   |
| 75°   | 202.5  | 140.7   | 76.5    | 61.7    | 51.8    | 79.0    | 113.6  | 74.1    | 27.2    | 34.6    |
| 77.5° | 93.8   | 83.9    | 66.7    | 51.8    | 39.5    | 29.6    | 14.8   | 4.9     | 4.9     | 2.5     |
| 80°   | 81.5   | 71.6    | 61.7    | 51.8    | 39.5    | 24.7    | 12.3   | 2.5     | 2.5     | 2.5     |
| 82.5° | 76.5   | 66.7    | 56.8    | 46.9    | 37.0    | 24.7    | 12.3   | 2.5     | 0.0     | 0.0     |
| 85°   | 32.1   | 42.0    | 46.9    | 44.4    | 39.5    | 24.7    | 12.3   | 2.5     | 0.0     | 0.0     |
| 87.5° | 17.3   | 14.8    | 12.3    | 9.9     | 7.4     | 4.9     | 4.9    | 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)