

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: P529355

Luminaire Tested: **GLAN-SA4C-730-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P529355  
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-SA4C-730-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 3000K, 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: 14003 lumens  
Efficiency: N/A  
Efficacy: 65.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G1

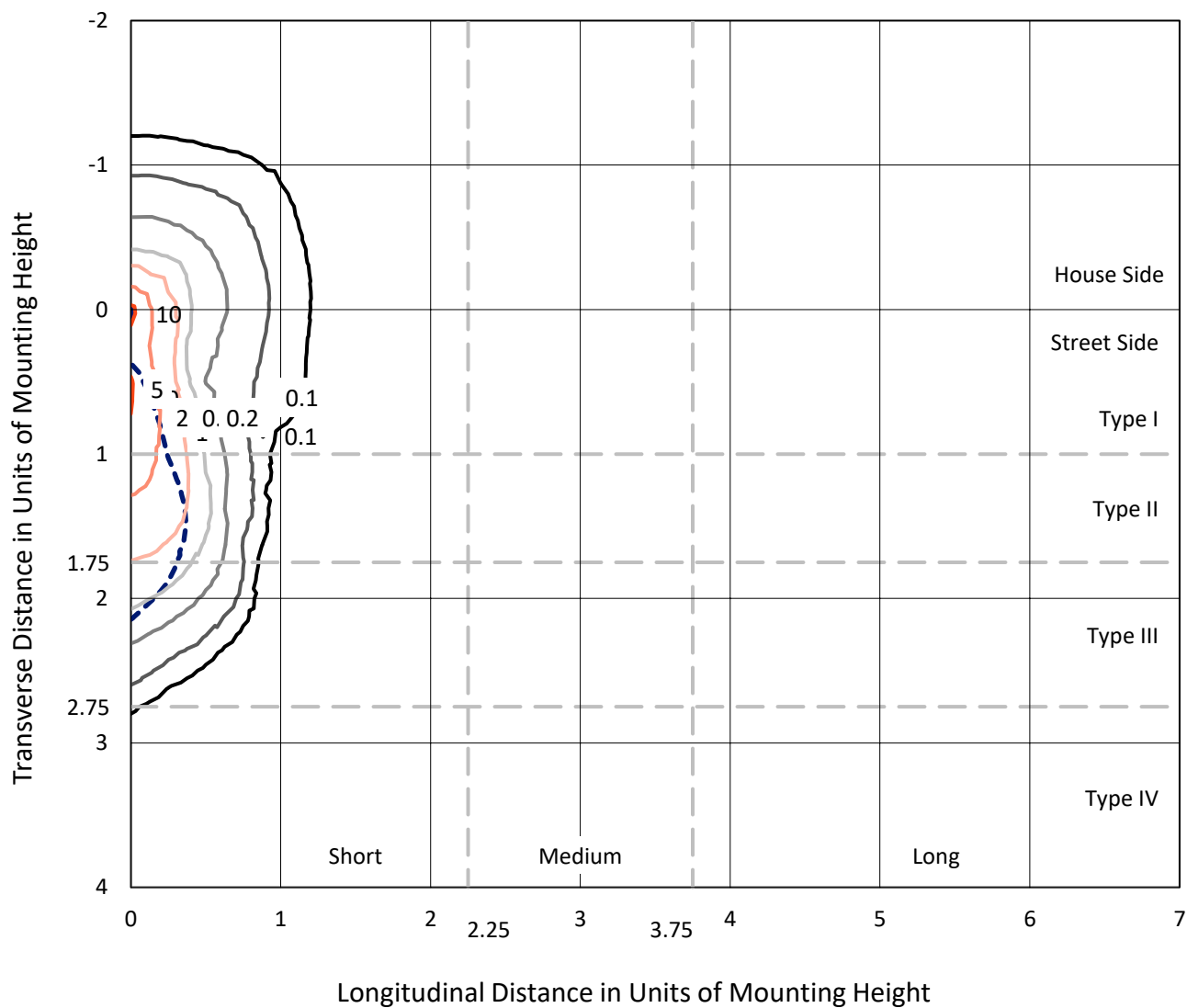
Input Watts (W): 213  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

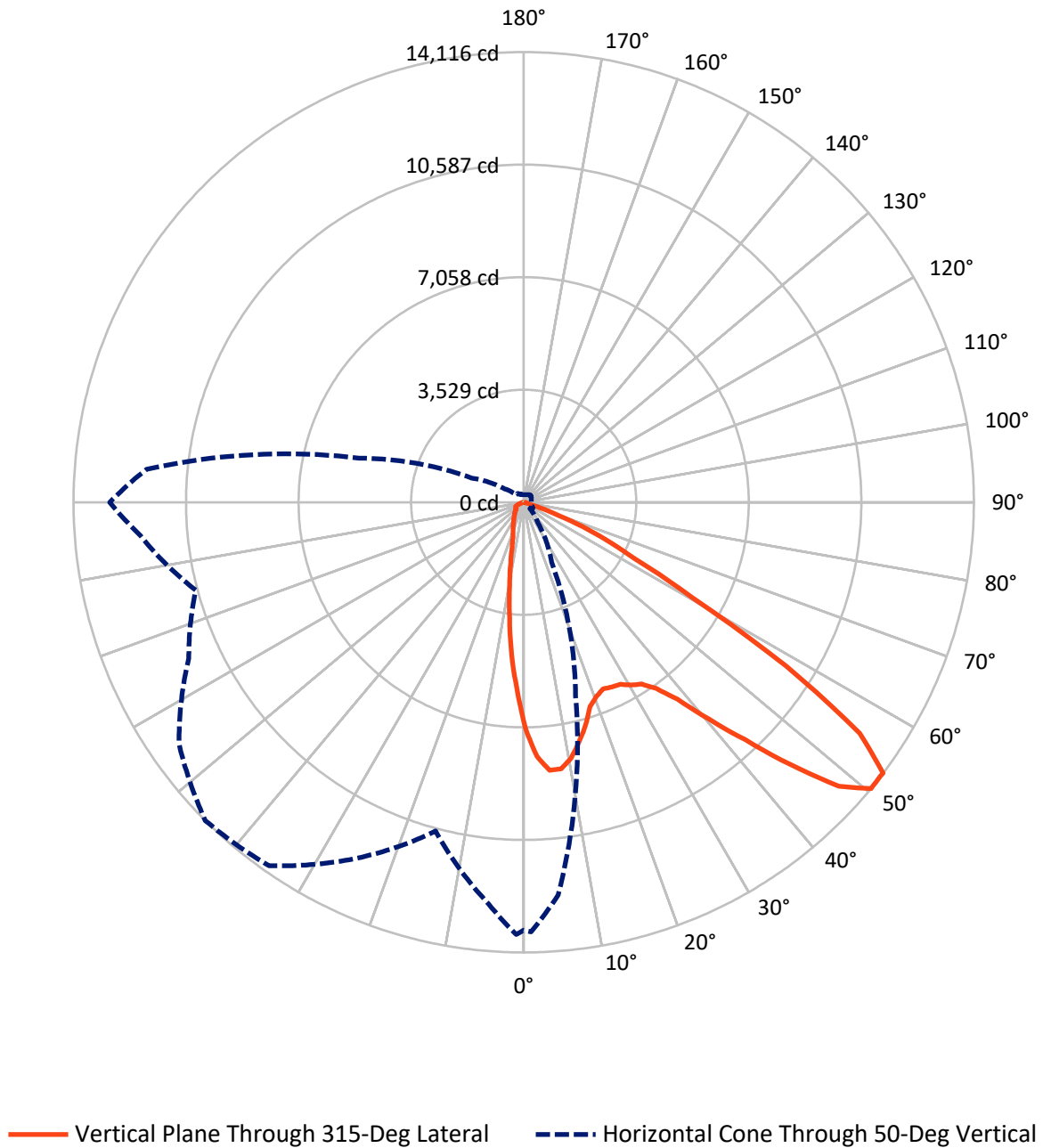


Based on 25 foot mounting height. Maximum calculated value = 11.4 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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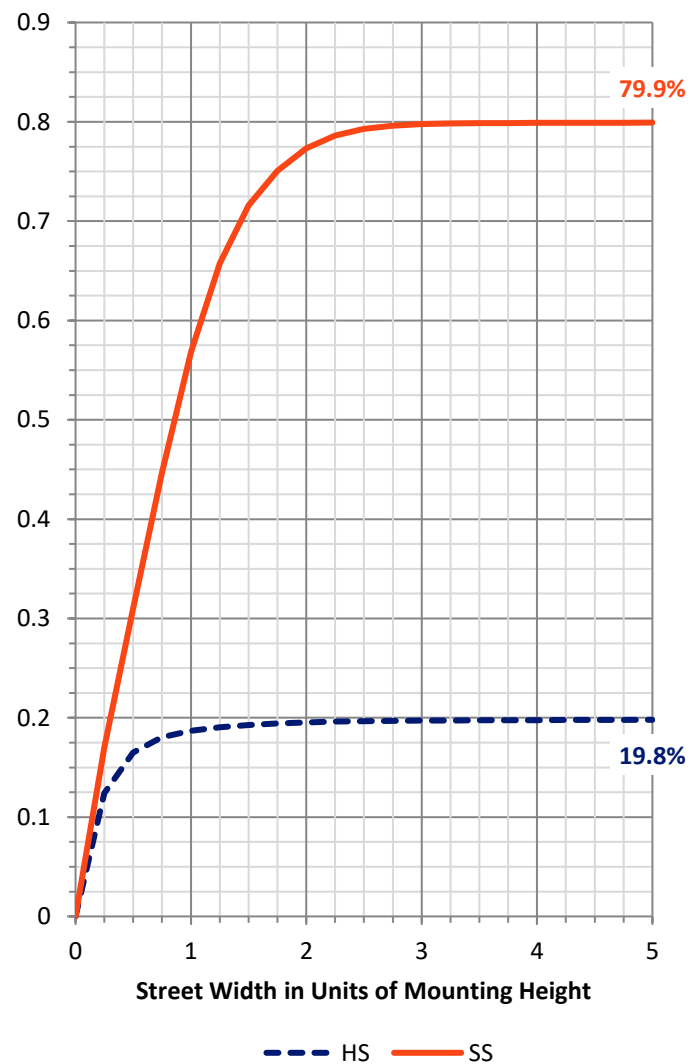
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2804.8   | 0.0    | 2804.8  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 11198.2  | 0.0    | 11198.2 |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 14003.0  | 0.0    | 14003.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 517.6   | 3.7       |
| 10°-20°   | 1028.7  | 7.3       |
| 20°-30°   | 1545.5  | 11.0      |
| 30°-40°   | 2319.7  | 16.6      |
| 40°-50°   | 3260.2  | 23.3      |
| 50°-60°   | 3516.7  | 25.1      |
| 60°-70°   | 1632.8  | 11.7      |
| 70°-80°   | 153.6   | 1.1       |
| 80°-90°   | 28.3    | 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°    | 14003.0 | 100.0     |
| 0°-180°   | 14003.0 | 100.0     |

**Coefficient of Utilization**



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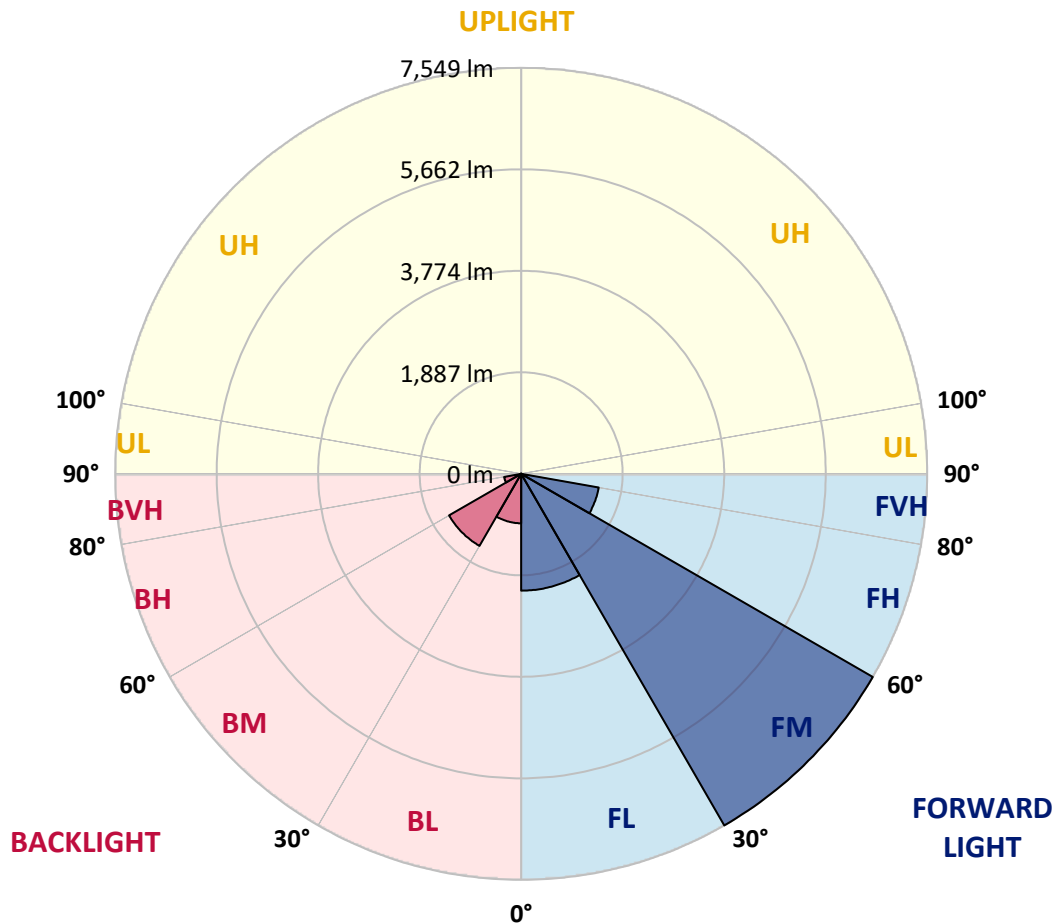
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2172.4 | 15.5      |                         |      |         |
| FM   | (30°-60°)   | 7548.7 | 53.9      |                         |      |         |
| FH   | (60°-80°)   | 1464.3 | 10.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 12.8   | 0.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 919.3  | 6.6       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1547.8 | 11.1      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 322.1  | 2.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 15.6   | 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°    | 7101.3  | 7101.3  | 7101.3  | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 |
| 2.5°  | 7381.9  | 7268.0  | 7123.5  | 7004.0 | 6826.2 | 6467.8 | 6370.6 | 6253.9 | 6156.7 | 6026.1 | 5842.7 |
| 5°    | 6712.3  | 6676.2  | 6609.5  | 6159.4 | 5834.4 | 5401.0 | 5045.4 | 4895.3 | 4698.1 | 4536.9 | 4420.2 |
| 7.5°  | 6201.1  | 6056.7  | 5845.5  | 5392.6 | 4873.1 | 4409.1 | 4014.6 | 3784.0 | 3522.9 | 3434.0 | 3275.6 |
| 10°   | 5653.8  | 5687.1  | 5376.0  | 4739.7 | 4111.9 | 3736.8 | 3492.3 | 3270.0 | 3033.9 | 2878.3 | 2653.3 |
| 12.5° | 5478.8  | 5370.4  | 5131.5  | 4345.2 | 3809.0 | 3459.0 | 3161.7 | 2886.6 | 2636.6 | 2386.5 | 2169.8 |
| 15°   | 5592.7  | 5426.0  | 5092.6  | 4261.9 | 3575.6 | 3139.5 | 2767.2 | 2394.9 | 2164.3 | 1844.8 | 1619.7 |
| 17.5° | 6001.1  | 5867.7  | 5420.4  | 4350.8 | 3456.2 | 2833.8 | 2281.0 | 1897.6 | 1544.7 | 1255.8 | 1141.9 |
| 20°   | 6681.8  | 6492.8  | 5931.6  | 4464.7 | 3278.4 | 2464.3 | 1850.3 | 1378.0 | 1044.6 | 922.4  | 858.5  |
| 22.5° | 7348.6  | 7245.8  | 6537.3  | 4684.2 | 3120.0 | 2136.5 | 1389.1 | 927.9  | 780.7  | 758.5  | 716.8  |
| 25°   | 8618.2  | 8309.8  | 7462.5  | 5081.5 | 2997.8 | 1828.1 | 1047.4 | 747.4  | 661.2  | 644.6  | 650.1  |
| 27.5° | 9373.9  | 9115.5  | 8318.2  | 5345.4 | 2861.6 | 1592.0 | 886.3  | 686.2  | 627.9  | 591.8  | 577.9  |
| 30°   | 10099.1 | 9799.0  | 8743.3  | 5501.0 | 2569.9 | 1341.9 | 786.3  | 658.5  | 644.6  | 591.8  | 575.1  |
| 32.5° | 10657.5 | 10363.0 | 9357.3  | 5734.4 | 2450.4 | 1180.8 | 647.3  | 514.0  | 477.9  | 472.3  | 522.3  |
| 35°   | 11513.2 | 11199.3 | 9882.3  | 5862.2 | 2358.8 | 1097.4 | 561.2  | 458.4  | 416.7  | 400.1  | 402.9  |
| 37.5° | 12310.6 | 12096.6 | 10368.5 | 5912.2 | 2261.5 | 1072.4 | 502.9  | 411.2  | 375.1  | 364.0  | 361.2  |
| 40°   | 12977.4 | 12499.5 | 10829.7 | 5965.0 | 2219.8 | 1025.2 | 466.8  | 375.1  | 350.1  | 333.4  | 333.4  |
| 42.5° | 13283.0 | 12796.8 | 11346.5 | 5934.4 | 2208.7 | 950.2  | 466.8  | 344.5  | 325.1  | 308.4  | 305.6  |
| 45°   | 13216.3 | 13019.0 | 11577.1 | 5920.5 | 2208.7 | 875.2  | 425.1  | 336.2  | 308.4  | 286.2  | 280.6  |
| 47.5° | 13388.5 | 13130.2 | 11866.0 | 5978.9 | 2164.3 | 822.4  | 358.4  | 352.8  | 291.7  | 263.9  | 258.4  |
| 50°   | 13419.1 | 13469.1 | 12368.9 | 6281.7 | 2067.0 | 755.7  | 280.6  | 347.3  | 280.6  | 238.9  | 233.4  |
| 52°   | 13619.1 | 13308.0 | 12521.7 | 6442.8 | 1964.2 | 705.7  | 236.2  | 297.3  | 269.5  | 222.3  | 216.7  |
| 52.5° | 13344.1 | 13546.9 | 12557.8 | 6501.2 | 1975.4 | 672.3  | 227.8  | 291.7  | 263.9  | 222.3  | 208.4  |
| 55°   | 13035.7 | 13230.2 | 12410.6 | 6626.2 | 1811.4 | 527.9  | 177.8  | 211.1  | 238.9  | 194.5  | 186.1  |
| 57.5° | 11329.8 | 11527.1 | 10785.3 | 6067.8 | 1475.3 | 372.3  | 147.2  | 158.4  | 211.1  | 180.6  | 172.3  |
| 60°   | 10071.3 | 9929.6  | 9051.6  | 5062.0 | 1047.4 | 208.4  | 116.7  | 122.2  | 230.6  | 166.7  | 163.9  |
| 62.5° | 9204.4  | 8901.6  | 7565.3  | 3909.0 | 639.0  | 138.9  | 91.7   | 94.5   | 177.8  | 155.6  | 155.6  |
| 65°   | 6809.6  | 6470.6  | 5025.9  | 2364.3 | 313.9  | 97.2   | 69.5   | 75.0   | 111.1  | 133.4  | 133.4  |
| 67.5° | 3886.8  | 3756.2  | 2428.2  | 1066.9 | 130.6  | 61.1   | 52.8   | 58.3   | 86.1   | 108.4  | 102.8  |
| 70°   | 1786.4  | 1603.1  | 933.5   | 225.0  | 61.1   | 41.7   | 41.7   | 47.2   | 69.5   | 80.6   | 75.0   |
| 72.5° | 522.3   | 494.5   | 227.8   | 36.1   | 25.0   | 25.0   | 27.8   | 36.1   | 52.8   | 61.1   | 55.6   |
| 75°   | 38.9    | 25.0    | 16.7    | 11.1   | 11.1   | 16.7   | 22.2   | 36.1   | 52.8   | 58.3   | 47.2   |
| 77.5° | 2.8     | 5.6     | 2.8     | 2.8    | 8.3    | 16.7   | 25.0   | 44.5   | 69.5   | 72.2   | 52.8   |
| 80°   | 2.8     | 2.8     | 0.0     | 2.8    | 8.3    | 16.7   | 27.8   | 50.0   | 77.8   | 83.3   | 44.5   |
| 82.5° | 0.0     | 0.0     | 0.0     | 2.8    | 11.1   | 22.2   | 33.3   | 52.8   | 72.2   | 88.9   | 47.2   |
| 85°   | 0.0     | 0.0     | 0.0     | 2.8    | 16.7   | 30.6   | 38.9   | 13.9   | 8.3    | 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°    | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 |
| 2.5°  | 5973.3 | 5901.1 | 5873.3 | 5898.3 | 5890.0 | 5881.6 | 6034.4 | 6001.1 | 5995.5 | 6045.5 | 6034.4 |
| 5°    | 4484.1 | 4356.3 | 4706.4 | 4564.7 | 4712.0 | 4800.9 | 4817.5 | 4825.9 | 4928.7 | 4820.3 | 4962.0 |
| 7.5°  | 3195.0 | 3228.4 | 3225.6 | 3320.0 | 3489.5 | 3639.5 | 3728.5 | 3659.0 | 3653.4 | 3639.5 | 3578.4 |
| 10°   | 2553.2 | 2494.9 | 2483.8 | 2461.6 | 2514.3 | 2642.1 | 2750.5 | 2664.4 | 2603.2 | 2686.6 | 2661.6 |
| 12.5° | 2086.5 | 2005.9 | 1961.5 | 1872.6 | 1875.3 | 1961.5 | 1961.5 | 1961.5 | 2022.6 | 2069.8 | 2105.9 |
| 15°   | 1600.3 | 1533.6 | 1533.6 | 1444.7 | 1425.3 | 1428.0 | 1472.5 | 1478.0 | 1575.3 | 1603.1 | 1617.0 |
| 17.5° | 1119.6 | 1083.5 | 1125.2 | 1161.3 | 1139.1 | 1144.7 | 1161.3 | 1166.9 | 1180.8 | 1169.7 | 1197.4 |
| 20°   | 861.3  | 855.7  | 866.8  | 930.7  | 978.0  | 1005.7 | 986.3  | 958.5  | 941.8  | 902.9  | 902.9  |
| 22.5° | 730.7  | 741.8  | 761.2  | 814.0  | 875.2  | 891.8  | 869.6  | 805.7  | 755.7  | 750.1  | 752.9  |
| 25°   | 650.1  | 661.2  | 691.8  | 725.1  | 758.5  | 786.3  | 764.0  | 716.8  | 689.0  | 664.0  | 664.0  |
| 27.5° | 600.1  | 605.7  | 622.3  | 647.3  | 675.1  | 697.3  | 689.0  | 664.0  | 633.4  | 622.3  | 597.3  |
| 30°   | 561.2  | 569.5  | 589.0  | 594.6  | 619.6  | 630.7  | 616.8  | 611.2  | 591.8  | 577.9  | 569.5  |
| 32.5° | 541.8  | 539.0  | 552.9  | 558.4  | 561.2  | 569.5  | 552.9  | 561.2  | 558.4  | 536.2  | 527.9  |
| 35°   | 408.4  | 430.6  | 466.8  | 497.3  | 505.6  | 516.8  | 514.0  | 502.9  | 472.3  | 447.3  | 416.7  |
| 37.5° | 366.7  | 380.6  | 400.1  | 425.1  | 458.4  | 472.3  | 466.8  | 439.0  | 402.9  | 386.2  | 380.6  |
| 40°   | 339.0  | 347.3  | 364.0  | 380.6  | 414.0  | 439.0  | 419.5  | 394.5  | 366.7  | 352.8  | 344.5  |
| 42.5° | 313.9  | 316.7  | 325.1  | 341.7  | 366.7  | 405.6  | 372.3  | 339.0  | 327.8  | 319.5  | 313.9  |
| 45°   | 286.2  | 286.2  | 297.3  | 305.6  | 333.4  | 369.5  | 336.2  | 305.6  | 300.1  | 294.5  | 291.7  |
| 47.5° | 263.9  | 266.7  | 272.3  | 283.4  | 305.6  | 330.6  | 308.4  | 283.4  | 269.5  | 266.7  | 261.2  |
| 50°   | 236.2  | 238.9  | 250.0  | 261.2  | 288.9  | 302.8  | 288.9  | 261.2  | 247.3  | 238.9  | 238.9  |
| 52°   | 213.9  | 222.3  | 233.4  | 255.6  | 275.0  | 297.3  | 280.6  | 250.0  | 233.4  | 225.0  | 219.5  |
| 52.5° | 211.1  | 216.7  | 227.8  | 252.8  | 275.0  | 294.5  | 277.8  | 247.3  | 227.8  | 222.3  | 216.7  |
| 55°   | 188.9  | 197.3  | 216.7  | 247.3  | 272.3  | 294.5  | 272.3  | 244.5  | 216.7  | 202.8  | 197.3  |
| 57.5° | 180.6  | 186.1  | 211.1  | 250.0  | 269.5  | 294.5  | 272.3  | 244.5  | 216.7  | 191.7  | 186.1  |
| 60°   | 172.3  | 183.4  | 211.1  | 241.7  | 266.7  | 297.3  | 275.0  | 241.7  | 211.1  | 180.6  | 180.6  |
| 62.5° | 163.9  | 172.3  | 208.4  | 236.2  | 255.6  | 286.2  | 263.9  | 236.2  | 202.8  | 172.3  | 169.5  |
| 65°   | 141.7  | 155.6  | 183.4  | 197.3  | 219.5  | 247.3  | 225.0  | 205.6  | 177.8  | 152.8  | 150.0  |
| 67.5° | 108.4  | 113.9  | 136.1  | 152.8  | 166.7  | 191.7  | 180.6  | 155.6  | 136.1  | 116.7  | 116.7  |
| 70°   | 75.0   | 80.6   | 97.2   | 105.6  | 119.5  | 133.4  | 125.0  | 105.6  | 91.7   | 80.6   | 77.8   |
| 72.5° | 52.8   | 55.6   | 61.1   | 66.7   | 72.2   | 77.8   | 75.0   | 61.1   | 52.8   | 50.0   | 47.2   |
| 75°   | 41.7   | 47.2   | 50.0   | 47.2   | 44.5   | 41.7   | 41.7   | 36.1   | 30.6   | 27.8   | 27.8   |
| 77.5° | 41.7   | 44.5   | 41.7   | 36.1   | 30.6   | 27.8   | 25.0   | 22.2   | 16.7   | 13.9   | 16.7   |
| 80°   | 36.1   | 36.1   | 36.1   | 30.6   | 27.8   | 25.0   | 22.2   | 19.4   | 16.7   | 13.9   | 13.9   |
| 82.5° | 38.9   | 38.9   | 36.1   | 30.6   | 30.6   | 25.0   | 25.0   | 22.2   | 19.4   | 13.9   | 13.9   |
| 85°   | 0.0    | 0.0    | 0.0    | 5.6    | 13.9   | 25.0   | 25.0   | 22.2   | 19.4   | 16.7   | 16.7   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 5.6    | 11.1   | 13.9   | 16.7   | 16.7   | 16.7   |
| 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°    | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3 | 7101.3  | 7101.3  | 7101.3  |
| 2.5°  | 6134.4 | 6240.0 | 6440.1 | 6640.1 | 6762.3 | 6906.8 | 7168.0 | 7306.9 | 7487.5  | 7576.4  | 7751.4  |
| 5°    | 4942.6 | 5192.6 | 5281.5 | 5509.3 | 5753.8 | 5998.3 | 6387.3 | 6815.1 | 7170.7  | 7415.2  | 7732.0  |
| 7.5°  | 3606.2 | 3664.6 | 4009.1 | 4161.9 | 4561.9 | 5006.5 | 5537.1 | 6076.1 | 6526.2  | 6926.3  | 7168.0  |
| 10°   | 2703.3 | 2917.2 | 3133.9 | 3425.6 | 3747.9 | 4206.3 | 4714.7 | 5309.3 | 5892.7  | 6292.8  | 6598.4  |
| 12.5° | 2172.6 | 2342.1 | 2631.0 | 2945.0 | 3342.3 | 3645.1 | 4156.3 | 4745.3 | 5501.0  | 5892.7  | 6295.6  |
| 15°   | 1644.7 | 1861.4 | 2189.3 | 2514.3 | 2933.9 | 3253.4 | 3770.1 | 4511.9 | 5484.3  | 6023.3  | 6370.6  |
| 17.5° | 1219.7 | 1366.9 | 1661.4 | 2025.4 | 2453.2 | 2903.3 | 3600.7 | 4486.9 | 5670.5  | 6312.3  | 6670.7  |
| 20°   | 933.5  | 983.5  | 1169.7 | 1494.7 | 1958.7 | 2547.7 | 3325.6 | 4595.3 | 6220.6  | 7015.2  | 7379.1  |
| 22.5° | 755.7  | 777.9  | 850.2  | 1075.2 | 1525.3 | 2236.5 | 3195.0 | 4670.3 | 6840.1  | 7857.0  | 8343.2  |
| 25°   | 658.5  | 652.9  | 700.1  | 797.4  | 1191.9 | 1944.8 | 3028.3 | 4953.7 | 7598.6  | 8846.0  | 9282.2  |
| 27.5° | 600.1  | 600.1  | 622.3  | 691.8  | 989.1  | 1755.9 | 2922.8 | 5156.5 | 8362.6  | 9715.6  | 9951.8  |
| 30°   | 569.5  | 575.1  | 639.0  | 661.2  | 822.4  | 1530.8 | 2747.7 | 5362.1 | 9093.3  | 10271.3 | 10596.4 |
| 32.5° | 527.9  | 505.6  | 491.8  | 547.3  | 691.8  | 1328.0 | 2572.7 | 5448.2 | 9685.1  | 10952.0 | 11229.8 |
| 35°   | 405.6  | 394.5  | 411.2  | 452.9  | 594.6  | 1155.8 | 2378.2 | 5545.4 | 10365.8 | 11741.0 | 11796.6 |
| 37.5° | 366.7  | 364.0  | 375.1  | 411.2  | 500.1  | 1005.7 | 2239.3 | 5520.4 | 10885.3 | 12393.9 | 12243.9 |
| 40°   | 339.0  | 339.0  | 347.3  | 377.8  | 447.3  | 900.2  | 2094.8 | 5498.2 | 11388.2 | 13127.4 | 12688.4 |
| 42.5° | 316.7  | 316.7  | 330.6  | 350.1  | 425.1  | 830.7  | 1986.5 | 5467.7 | 11810.5 | 13577.5 | 12949.6 |
| 45°   | 286.2  | 294.5  | 316.7  | 336.2  | 430.6  | 783.5  | 1905.9 | 5351.0 | 11954.9 | 13571.9 | 12824.5 |
| 47.5° | 263.9  | 275.0  | 297.3  | 325.1  | 389.0  | 769.6  | 1850.3 | 5248.2 | 11904.9 | 13238.5 | 12432.8 |
| 50°   | 238.9  | 252.8  | 283.4  | 330.6  | 330.6  | 741.8  | 1792.0 | 5339.9 | 11868.8 | 12980.1 | 12057.7 |
| 52°   | 222.3  | 233.4  | 272.3  | 322.3  | 288.9  | 683.5  | 1755.9 | 5517.7 | 12016.1 | 12946.8 | 11891.0 |
| 52.5° | 219.5  | 227.8  | 263.9  | 316.7  | 275.0  | 672.3  | 1730.9 | 5559.3 | 12063.3 | 12863.4 | 12005.0 |
| 55°   | 194.5  | 205.6  | 241.7  | 247.3  | 225.0  | 552.9  | 1650.3 | 5653.8 | 11829.9 | 12699.5 | 11896.6 |
| 57.5° | 183.4  | 188.9  | 213.9  | 202.8  | 194.5  | 416.7  | 1419.7 | 5506.6 | 10507.5 | 11279.8 | 11068.7 |
| 60°   | 169.5  | 175.0  | 200.0  | 158.4  | 163.9  | 291.7  | 1066.9 | 4781.4 | 8437.6  | 9398.9  | 9779.5  |
| 62.5° | 163.9  | 161.1  | 188.9  | 127.8  | 138.9  | 211.1  | 752.9  | 3886.8 | 6501.2  | 7737.5  | 8396.0  |
| 65°   | 144.5  | 141.7  | 136.1  | 108.4  | 119.5  | 163.9  | 450.1  | 2536.6 | 4581.4  | 5853.8  | 6215.0  |
| 67.5° | 111.1  | 116.7  | 100.0  | 86.1   | 100.0  | 127.8  | 250.0  | 1136.3 | 2403.2  | 3511.7  | 3803.5  |
| 70°   | 77.8   | 83.3   | 80.6   | 75.0   | 88.9   | 105.6  | 144.5  | 389.0  | 994.6   | 1844.8  | 2033.7  |
| 72.5° | 47.2   | 58.3   | 61.1   | 63.9   | 77.8   | 91.7   | 102.8  | 125.0  | 263.9   | 652.9   | 811.3   |
| 75°   | 27.8   | 38.9   | 47.2   | 55.6   | 63.9   | 77.8   | 86.1   | 88.9   | 91.7    | 122.2   | 197.3   |
| 77.5° | 19.4   | 27.8   | 41.7   | 52.8   | 63.9   | 77.8   | 91.7   | 97.2   | 91.7    | 86.1    | 91.7    |
| 80°   | 16.7   | 27.8   | 38.9   | 50.0   | 66.7   | 80.6   | 91.7   | 91.7   | 88.9    | 77.8    | 83.3    |
| 82.5° | 16.7   | 27.8   | 41.7   | 52.8   | 63.9   | 77.8   | 88.9   | 91.7   | 83.3    | 77.8    | 80.6    |
| 85°   | 19.4   | 30.6   | 44.5   | 55.6   | 69.5   | 63.9   | 58.3   | 47.2   | 44.5    | 36.1    | 38.9    |
| 87.5° | 19.4   | 27.8   | 27.8   | 30.6   | 33.3   | 33.3   | 33.3   | 30.6   | 25.0    | 22.2    | 22.2    |
| 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: P529355

CATALOG NUMBER: GLAN-SA4C-730-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7101.3  | 7101.3  | 7101.3  | 7101.3  | 7101.3  | 7101.3  | 7101.3  | 7101.3  | 7101.3  | 7101.3  |
| 2.5°  | 7759.7  | 7982.0  | 7973.7  | 7979.2  | 7945.9  | 7720.8  | 7612.5  | 7337.4  | 7415.2  | 7381.9  |
| 5°    | 8057.0  | 8276.5  | 8465.4  | 8443.2  | 8187.6  | 7882.0  | 7429.1  | 7001.3  | 6884.6  | 6712.3  |
| 7.5°  | 7759.7  | 8287.6  | 8462.6  | 8437.6  | 8059.8  | 7668.1  | 6945.7  | 6517.8  | 6315.0  | 6201.1  |
| 10°   | 7287.4  | 7898.7  | 8115.4  | 8159.8  | 7904.2  | 7309.7  | 6645.6  | 5959.4  | 5851.1  | 5653.8  |
| 12.5° | 7017.9  | 7462.5  | 7595.8  | 7715.3  | 7626.4  | 7181.9  | 6417.8  | 5759.4  | 5609.3  | 5478.8  |
| 15°   | 6798.5  | 7062.4  | 7118.0  | 7254.1  | 7306.9  | 7067.9  | 6537.3  | 5976.1  | 5606.6  | 5592.7  |
| 17.5° | 7001.3  | 6892.9  | 6690.1  | 6731.8  | 6898.5  | 7070.7  | 6845.7  | 6403.9  | 6045.5  | 6001.1  |
| 20°   | 7337.4  | 6859.6  | 6401.2  | 6504.0  | 6642.9  | 7170.7  | 7312.4  | 7001.3  | 6795.7  | 6681.8  |
| 22.5° | 7723.6  | 6917.9  | 6309.5  | 6359.5  | 6623.4  | 7395.8  | 8068.1  | 7895.9  | 7512.5  | 7348.6  |
| 25°   | 8437.6  | 7079.1  | 6381.7  | 6415.1  | 6776.2  | 7709.7  | 8751.6  | 8879.4  | 8651.6  | 8618.2  |
| 27.5° | 9135.0  | 7495.8  | 6540.1  | 6465.1  | 6854.0  | 8015.3  | 9165.5  | 9851.8  | 9451.7  | 9373.9  |
| 30°   | 9490.6  | 7834.8  | 6776.2  | 6648.4  | 7176.3  | 8201.5  | 9415.6  | 10485.2 | 10135.2 | 10099.1 |
| 32.5° | 10035.2 | 8143.1  | 6959.6  | 6795.7  | 7356.9  | 8432.1  | 9882.3  | 11177.0 | 10838.1 | 10657.5 |
| 35°   | 10263.0 | 8479.3  | 7362.4  | 7170.7  | 7873.6  | 8754.4  | 10121.3 | 11793.8 | 11688.2 | 11513.2 |
| 37.5° | 10701.9 | 8840.5  | 7837.5  | 7826.4  | 8498.8  | 9173.9  | 10551.9 | 12632.8 | 12613.4 | 12310.6 |
| 40°   | 10738.1 | 9235.0  | 8587.7  | 8937.7  | 9465.6  | 9904.6  | 10929.8 | 12866.2 | 13182.9 | 12977.4 |
| 42.5° | 10793.6 | 9926.8  | 9885.1  | 10174.1 | 10626.9 | 10532.5 | 10943.6 | 12921.8 | 13405.2 | 13283.0 |
| 45°   | 10818.6 | 10618.6 | 11204.8 | 11738.2 | 11927.2 | 11354.8 | 10813.1 | 12816.2 | 13521.9 | 13216.3 |
| 47.5° | 10618.6 | 11213.1 | 12271.7 | 13302.4 | 13358.0 | 11860.5 | 10757.5 | 12707.9 | 13591.4 | 13388.5 |
| 50°   | 10646.4 | 11585.4 | 13194.1 | 14116.4 | 13913.6 | 12307.8 | 10671.4 | 12641.2 | 13555.2 | 13419.1 |
| 52°   | 10579.7 | 11593.8 | 13324.6 | 14099.8 | 13958.1 | 12060.5 | 10524.1 | 12385.6 | 13521.9 | 13619.1 |
| 52.5° | 10654.7 | 11543.8 | 13188.5 | 14110.9 | 13927.5 | 12182.8 | 10504.7 | 12527.3 | 13541.3 | 13344.1 |
| 55°   | 10396.3 | 10949.2 | 12391.1 | 12782.9 | 12755.1 | 11057.6 | 9907.3  | 12057.7 | 13032.9 | 13035.7 |
| 57.5° | 9396.1  | 9490.6  | 9718.4  | 9710.1  | 9582.3  | 8693.2  | 8473.8  | 11088.1 | 11618.8 | 11329.8 |
| 60°   | 8279.3  | 6948.5  | 6334.5  | 6084.4  | 5942.7  | 5798.3  | 7495.8  | 10143.5 | 10193.5 | 10071.3 |
| 62.5° | 7154.1  | 4817.5  | 4000.7  | 3931.3  | 3964.6  | 4492.5  | 7245.8  | 9768.4  | 9468.4  | 9204.4  |
| 65°   | 5773.3  | 3511.7  | 2906.1  | 2814.4  | 3139.5  | 3709.0  | 5865.0  | 7490.2  | 7029.1  | 6809.6  |
| 67.5° | 3625.7  | 2561.6  | 1964.2  | 1792.0  | 2183.7  | 2553.2  | 3853.5  | 4706.4  | 4189.6  | 3886.8  |
| 70°   | 2150.4  | 1430.8  | 889.0   | 797.4   | 897.4   | 1361.4  | 2158.7  | 2347.6  | 1942.0  | 1786.4  |
| 72.5° | 847.4   | 525.1   | 247.3   | 211.1   | 219.5   | 477.9   | 794.6   | 775.1   | 586.2   | 522.3   |
| 75°   | 227.8   | 158.4   | 86.1    | 69.5    | 58.3    | 88.9    | 127.8   | 83.3    | 30.6    | 38.9    |
| 77.5° | 105.6   | 94.5    | 75.0    | 58.3    | 44.5    | 33.3    | 16.7    | 5.6     | 5.6     | 2.8     |
| 80°   | 91.7    | 80.6    | 69.5    | 58.3    | 44.5    | 27.8    | 13.9    | 2.8     | 2.8     | 2.8     |
| 82.5° | 86.1    | 75.0    | 63.9    | 52.8    | 41.7    | 27.8    | 13.9    | 2.8     | 0.0     | 0.0     |
| 85°   | 36.1    | 47.2    | 52.8    | 50.0    | 44.5    | 27.8    | 13.9    | 2.8     | 0.0     | 0.0     |
| 87.5° | 19.4    | 16.7    | 13.9    | 11.1    | 8.3     | 5.6     | 5.6     | 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)