

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: P452176

Luminaire Tested: **GLAN-SA3A-760-U-SLR-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P452176  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA3A-760-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9804 lumens  
Efficiency: N/A  
Efficacy: 105.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

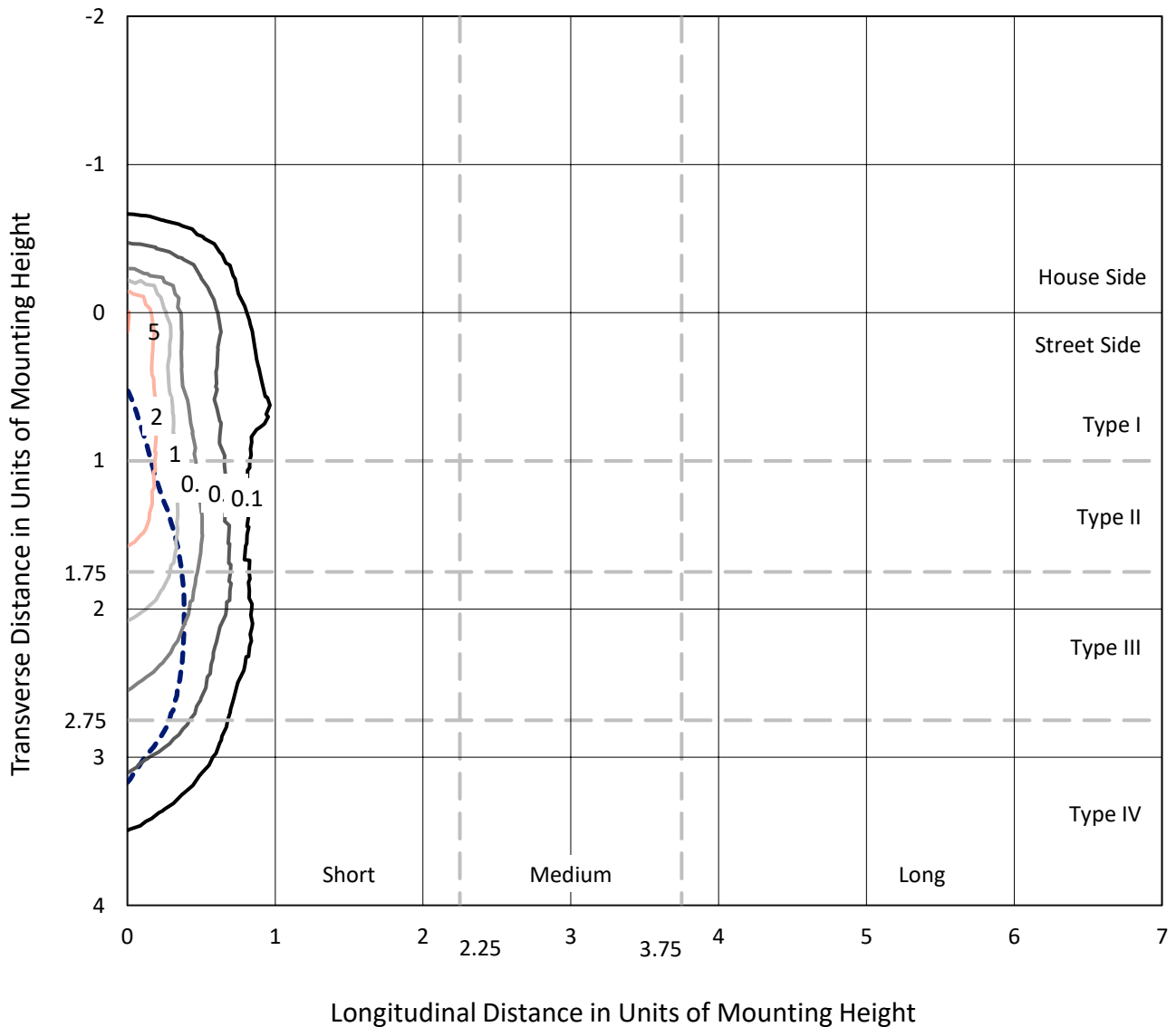
Input Watts (W): 93  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P452176  
 CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

### Iso-Footcandle Lines of Horizontal Illumination

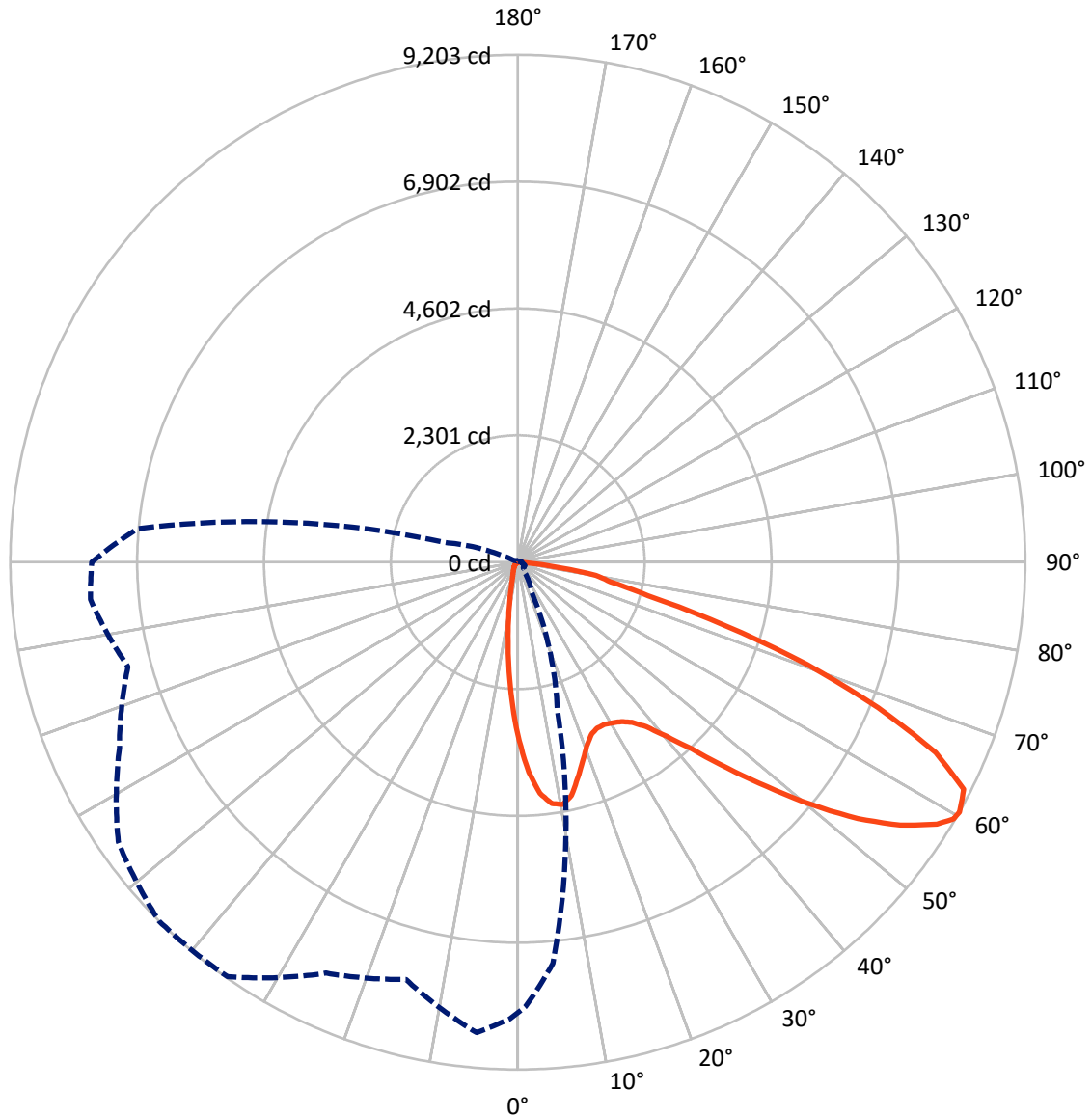
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.2 fc  
 Type IV - Short - N/A

REPORT NUMBER: P452176  
CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P452176

CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

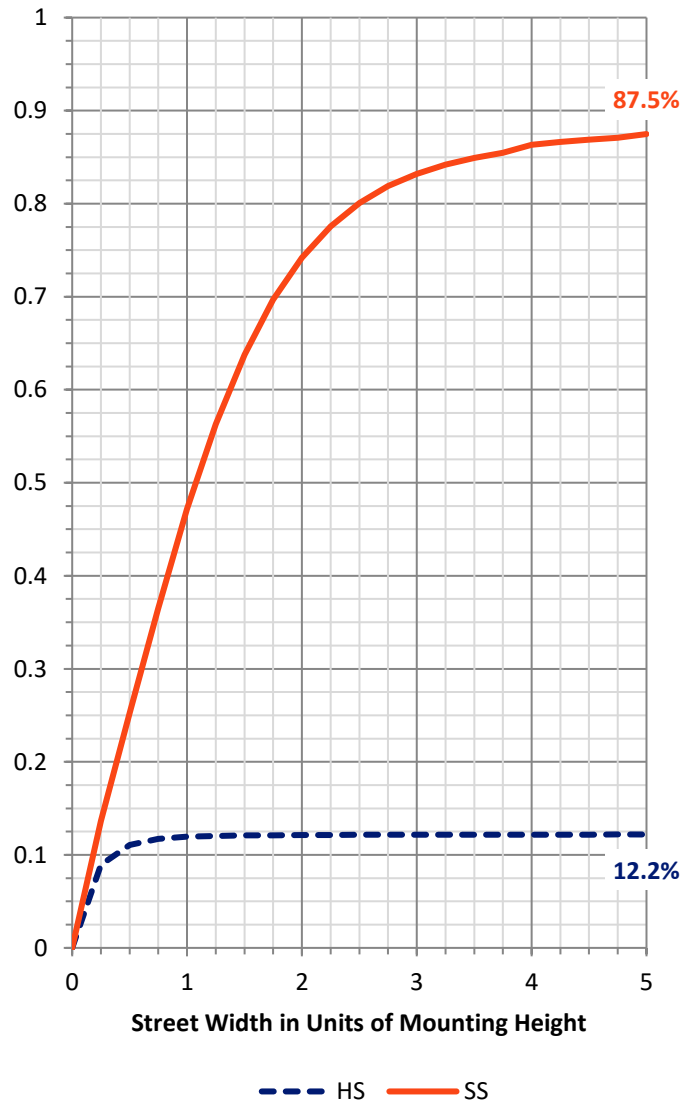
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1209.2   | 0.0    | 1209.2 |
|                    | % Fixture | 12.3     | 0.0    | 12.3   |
| <b>Street Side</b> | Lumens    | 8594.8   | 0.0    | 8594.8 |
|                    | % Fixture | 87.7     | 0.0    | 87.7   |
| <b>Total</b>       | Lumens    | 9804.0   | 0.0    | 9804.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 241.0  | 2.5       |
| 10°-20°   | 478.6  | 4.9       |
| 20°-30°   | 701.8  | 7.2       |
| 30°-40°   | 1043.7 | 10.6      |
| 40°-50°   | 1518.9 | 15.5      |
| 50°-60°   | 2190.4 | 22.3      |
| 60°-70°   | 2409.3 | 24.6      |
| 70°-80°   | 1079.1 | 11.0      |
| 80°-90°   | 141.0  | 1.4       |
| 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°    | 9804.0 | 100.0     |
| 0°-180°   | 9804.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P452176

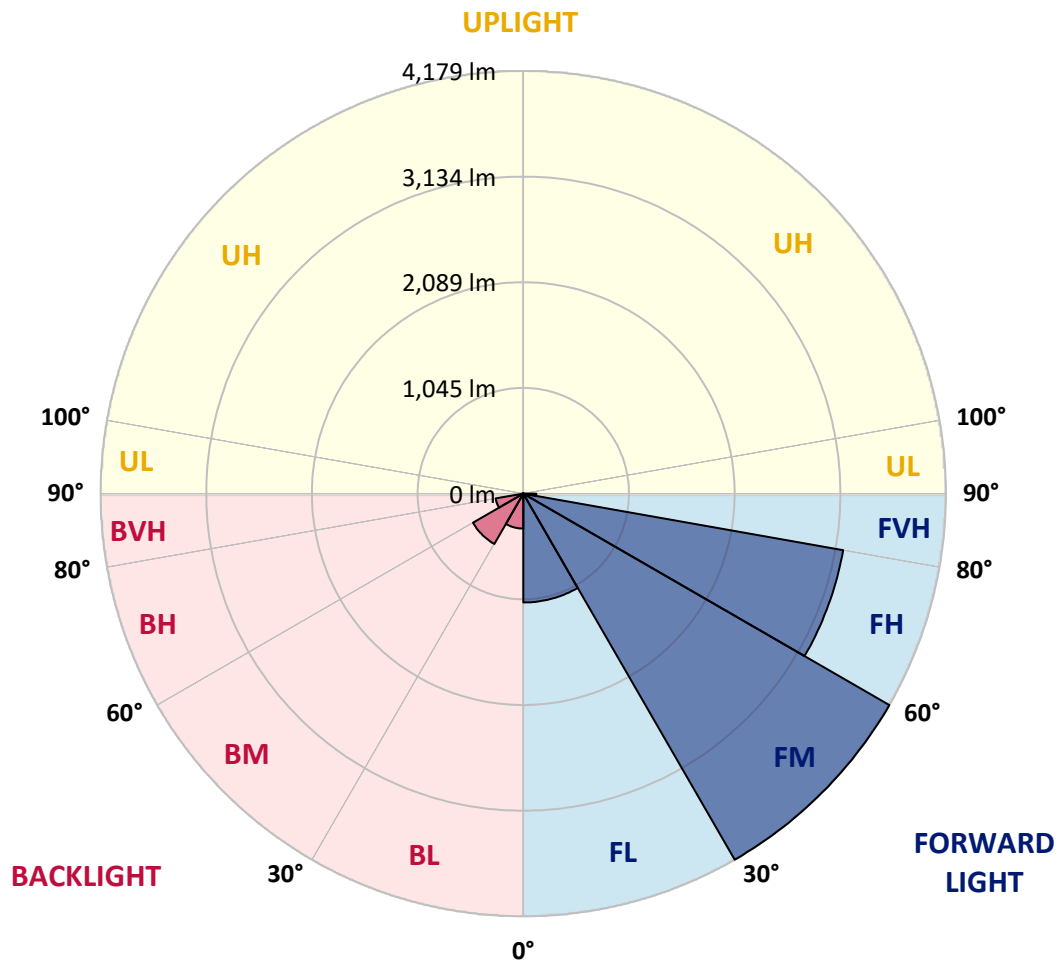
CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1076.0 | 11.0      |                         |      |         |
| FM (30°-60°)   | 4178.8 | 42.6      |                         |      |         |
| FH (60°-80°)   | 3211.1 | 32.8      |                         |      | G2/5000 |
| FVH (80°-90°)  | 129.0  | 1.3       |                         |      | G2/225  |
| BL (0°-30°)    | 345.5  | 3.5       | B1/500                  |      |         |
| BM (30°-60°)   | 574.4  | 5.9       | B1/1000                 |      |         |
| BH (60°-80°)   | 277.3  | 2.8       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 12.1   | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short





REPORT NUMBER: P452176

CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 |
| 2.5°  | 3562.3 | 3546.7 | 3510.9 | 3402.1 | 3307.4 | 3183.7 | 3058.5 | 2960.1 | 2899.8 | 2788.7 | 2738.1 |
| 5°    | 3451.3 | 3458.7 | 3355.1 | 3131.6 | 2882.6 | 2712.7 | 2527.2 | 2379.6 | 2217.1 | 2114.3 | 2006.2 |
| 7.5°  | 3161.4 | 3146.5 | 3033.9 | 2722.4 | 2419.8 | 2173.9 | 1939.1 | 1748.4 | 1628.4 | 1532.2 | 1451.8 |
| 10°   | 2913.2 | 2902.0 | 2758.2 | 2357.2 | 2032.3 | 1848.2 | 1689.5 | 1522.6 | 1393.6 | 1252.8 | 1140.2 |
| 12.5° | 2757.4 | 2732.1 | 2566.7 | 2147.8 | 1883.3 | 1711.8 | 1538.9 | 1365.3 | 1187.2 | 1044.8 | 908.5  |
| 15°   | 2705.3 | 2668.8 | 2484.7 | 2075.5 | 1787.9 | 1570.2 | 1353.4 | 1153.7 | 948.7  | 791.5  | 688.6  |
| 17.5° | 2799.9 | 2739.6 | 2543.6 | 2062.9 | 1673.8 | 1385.4 | 1118.6 | 858.5  | 645.4  | 525.4  | 462.1  |
| 20°   | 3016.8 | 2947.5 | 2692.6 | 2050.2 | 1547.1 | 1178.2 | 850.3  | 606.6  | 446.4  | 380.8  | 345.8  |
| 22.5° | 3338.7 | 3243.3 | 2913.2 | 2070.3 | 1430.1 | 976.3  | 614.1  | 428.5  | 354.7  | 313.8  | 289.2  |
| 25°   | 3725.5 | 3645.8 | 3192.7 | 2141.9 | 1337.7 | 817.5  | 474.7  | 350.3  | 298.8  | 273.5  | 254.9  |
| 27.5° | 4149.6 | 4022.1 | 3554.1 | 2227.6 | 1253.5 | 694.6  | 416.6  | 313.0  | 266.1  | 243.0  | 233.3  |
| 30°   | 4451.4 | 4352.3 | 3856.7 | 2287.2 | 1148.4 | 602.2  | 380.8  | 308.5  | 266.8  | 239.2  | 221.3  |
| 32.5° | 4749.5 | 4622.8 | 4110.1 | 2314.8 | 1071.7 | 538.1  | 329.4  | 269.0  | 234.0  | 219.8  | 202.0  |
| 35°   | 5068.5 | 4935.8 | 4362.7 | 2299.9 | 1014.3 | 495.6  | 298.8  | 240.0  | 200.5  | 176.6  | 158.7  |
| 37.5° | 5391.2 | 5251.1 | 4613.9 | 2246.2 | 978.5  | 478.5  | 275.0  | 228.0  | 189.3  | 164.7  | 145.3  |
| 40°   | 5774.2 | 5587.2 | 4849.4 | 2202.2 | 941.3  | 469.5  | 259.3  | 220.6  | 181.1  | 155.0  | 135.6  |
| 42.5° | 6087.2 | 5909.1 | 5072.2 | 2179.1 | 915.9  | 448.6  | 259.3  | 214.6  | 175.9  | 146.8  | 126.7  |
| 45°   | 6383.8 | 6199.0 | 5312.9 | 2197.8 | 905.5  | 422.6  | 262.3  | 213.9  | 172.2  | 140.9  | 120.7  |
| 47.5° | 6632.0 | 6471.8 | 5560.3 | 2267.8 | 892.1  | 394.2  | 246.7  | 224.3  | 169.9  | 135.6  | 114.8  |
| 50°   | 6924.9 | 6769.9 | 5887.5 | 2409.4 | 868.2  | 365.9  | 227.3  | 241.5  | 169.2  | 131.2  | 109.6  |
| 52.5° | 7337.8 | 7170.1 | 6339.1 | 2570.4 | 830.2  | 322.7  | 209.4  | 239.2  | 166.2  | 123.7  | 104.3  |
| 55°   | 7842.3 | 7706.7 | 6862.3 | 2763.4 | 778.0  | 274.3  | 181.1  | 212.4  | 157.2  | 111.0  | 95.4   |
| 57.5° | 8165.7 | 8050.2 | 7254.3 | 2846.9 | 698.3  | 224.3  | 159.5  | 178.1  | 143.8  | 99.1   | 85.0   |
| 59°   | 8203.8 | 8099.4 | 7336.3 | 2819.3 | 646.1  | 204.9  | 149.1  | 152.8  | 140.1  | 92.4   | 79.0   |
| 60°   | 8171.7 | 8063.6 | 7303.5 | 2765.6 | 597.7  | 191.5  | 140.1  | 135.6  | 140.9  | 88.7   | 74.5   |
| 62.5° | 7966.0 | 7781.2 | 6985.3 | 2493.6 | 522.4  | 175.9  | 124.5  | 111.0  | 124.5  | 79.7   | 66.3   |
| 65°   | 7568.8 | 7291.6 | 6355.5 | 2110.6 | 492.6  | 166.9  | 105.8  | 93.2   | 94.6   | 70.1   | 57.4   |
| 67.5° | 6875.0 | 6525.4 | 5517.1 | 1714.8 | 479.9  | 167.7  | 89.4   | 83.5   | 73.0   | 59.6   | 50.7   |
| 70°   | 5778.0 | 5429.2 | 4426.8 | 1410.8 | 474.0  | 167.7  | 76.0   | 71.5   | 61.1   | 49.9   | 44.0   |
| 72.5° | 4094.4 | 3718.8 | 2986.2 | 1108.2 | 427.0  | 166.9  | 64.8   | 64.8   | 49.9   | 41.7   | 35.8   |
| 75°   | 2313.3 | 2316.2 | 1877.3 | 784.0  | 354.7  | 137.9  | 52.2   | 51.4   | 36.5   | 32.0   | 26.8   |
| 77.5° | 1348.2 | 1324.3 | 1265.4 | 336.9  | 164.7  | 62.6   | 36.5   | 31.3   | 25.3   | 23.1   | 19.4   |
| 80°   | 693.1  | 570.1  | 555.2  | 122.2  | 58.9   | 39.5   | 25.3   | 17.9   | 16.4   | 14.9   | 13.4   |
| 82.5° | 204.9  | 205.7  | 183.3  | 49.2   | 32.8   | 26.1   | 12.7   | 9.7    | 8.9    | 8.2    | 8.2    |
| 85°   | 14.2   | 8.9    | 10.4   | 14.9   | 20.1   | 10.4   | 0.7    | 2.2    | 2.2    | 3.0    | 3.7    |
| 87.5° | 1.5    | 0.7    | 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: P452176

CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 |
| 2.5°  | 2682.2 | 2715.0 | 2653.8 | 2655.3 | 2604.7 | 2621.1 | 2561.4 | 2580.8 | 2545.8 | 2572.6 | 2651.6 |
| 5°    | 2018.1 | 2025.6 | 1976.4 | 1960.8 | 1968.2 | 1998.8 | 2010.7 | 1956.3 | 1979.4 | 1933.9 | 1931.0 |
| 7.5°  | 1421.9 | 1430.9 | 1402.6 | 1398.8 | 1452.5 | 1439.8 | 1462.9 | 1407.0 | 1354.1 | 1377.2 | 1334.7 |
| 10°   | 1104.5 | 1067.2 | 1009.1 | 992.7  | 982.2  | 989.0  | 989.0  | 938.3  | 930.8  | 910.7  | 941.3  |
| 12.5° | 871.9  | 826.5  | 771.3  | 696.8  | 678.2  | 676.7  | 649.1  | 604.4  | 590.2  | 573.1  | 598.4  |
| 15°   | 633.5  | 614.8  | 568.6  | 526.9  | 484.4  | 476.2  | 431.5  | 395.0  | 346.5  | 339.8  | 337.6  |
| 17.5° | 445.7  | 418.1  | 417.3  | 393.5  | 368.9  | 352.5  | 310.8  | 269.0  | 250.4  | 248.2  | 248.2  |
| 20°   | 333.9  | 324.2  | 308.5  | 305.6  | 298.1  | 279.5  | 242.2  | 219.8  | 210.9  | 211.7  | 214.6  |
| 22.5° | 281.0  | 274.3  | 260.1  | 253.4  | 250.4  | 234.0  | 206.4  | 191.5  | 187.1  | 187.1  | 187.8  |
| 25°   | 251.2  | 245.2  | 229.5  | 219.1  | 215.4  | 203.5  | 181.8  | 170.7  | 166.9  | 166.9  | 166.9  |
| 27.5° | 228.8  | 221.3  | 204.9  | 196.0  | 189.3  | 175.9  | 162.5  | 151.3  | 147.6  | 147.6  | 148.3  |
| 30°   | 213.1  | 204.9  | 190.0  | 178.1  | 167.7  | 155.8  | 144.6  | 134.9  | 130.4  | 129.7  | 130.4  |
| 32.5° | 192.3  | 184.8  | 169.9  | 162.5  | 150.5  | 136.4  | 127.4  | 118.5  | 114.0  | 114.8  | 114.0  |
| 35°   | 149.8  | 147.6  | 137.1  | 139.4  | 132.7  | 120.7  | 112.5  | 102.8  | 97.6   | 96.9   | 98.4   |
| 37.5° | 136.4  | 127.4  | 115.5  | 116.3  | 114.0  | 109.6  | 96.1   | 85.7   | 82.0   | 82.0   | 82.7   |
| 40°   | 125.9  | 117.0  | 103.6  | 96.9   | 97.6   | 97.6   | 83.5   | 72.3   | 68.6   | 67.8   | 69.3   |
| 42.5° | 117.0  | 108.1  | 93.2   | 82.0   | 79.0   | 82.7   | 70.8   | 59.6   | 55.9   | 54.4   | 55.9   |
| 45°   | 111.0  | 101.4  | 84.2   | 71.5   | 62.6   | 67.1   | 58.1   | 49.2   | 44.7   | 44.7   | 44.0   |
| 47.5° | 105.1  | 96.1   | 77.5   | 61.9   | 52.2   | 49.9   | 47.7   | 39.5   | 35.0   | 34.3   | 35.0   |
| 50°   | 99.9   | 90.9   | 70.1   | 53.7   | 44.0   | 38.8   | 38.8   | 31.3   | 28.3   | 26.8   | 27.6   |
| 52.5° | 94.6   | 85.0   | 63.3   | 47.7   | 38.0   | 31.3   | 27.6   | 25.3   | 23.1   | 22.4   | 23.1   |
| 55°   | 87.2   | 77.5   | 56.6   | 41.0   | 32.8   | 26.1   | 21.6   | 20.9   | 19.4   | 17.9   | 19.4   |
| 57.5° | 78.3   | 69.3   | 49.9   | 35.0   | 26.1   | 20.1   | 17.9   | 17.1   | 15.7   | 14.9   | 14.9   |
| 59°   | 73.0   | 64.8   | 46.2   | 30.6   | 23.1   | 17.9   | 16.4   | 15.7   | 14.2   | 12.7   | 13.4   |
| 60°   | 70.1   | 63.3   | 44.0   | 28.3   | 20.9   | 16.4   | 14.9   | 14.2   | 12.7   | 11.9   | 12.7   |
| 62.5° | 61.9   | 56.6   | 38.8   | 23.1   | 16.4   | 11.9   | 10.4   | 11.2   | 10.4   | 9.7    | 10.4   |
| 65°   | 54.4   | 49.9   | 32.8   | 17.9   | 12.7   | 8.2    | 7.5    | 9.7    | 8.9    | 8.2    | 8.9    |
| 67.5° | 48.4   | 43.2   | 27.6   | 13.4   | 8.9    | 4.5    | 5.2    | 8.2    | 8.2    | 7.5    | 8.2    |
| 70°   | 41.7   | 37.3   | 22.4   | 9.7    | 4.5    | 2.2    | 3.7    | 6.0    | 7.5    | 6.7    | 7.5    |
| 72.5° | 34.3   | 29.1   | 17.1   | 6.7    | 2.2    | 0.0    | 2.2    | 5.2    | 7.5    | 6.7    | 7.5    |
| 75°   | 26.8   | 21.6   | 12.7   | 3.7    | 0.0    | 0.0    | 0.7    | 4.5    | 7.5    | 6.7    | 7.5    |
| 77.5° | 19.4   | 15.7   | 7.5    | 0.7    | 0.0    | 0.0    | 0.7    | 4.5    | 7.5    | 6.7    | 7.5    |
| 80°   | 12.7   | 11.2   | 3.0    | 0.0    | 0.0    | 0.0    | 0.7    | 4.5    | 7.5    | 7.5    | 8.2    |
| 82.5° | 8.2    | 6.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.5    | 6.0    | 8.2    | 8.9    | 8.9    |
| 85°   | 3.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.0    | 7.5    | 9.7    | 9.7    | 9.7    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.5    | 5.2    | 8.9    | 11.2   | 11.2   | 11.2   |
| 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: P452176

CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 |
| 2.5°  | 2665.0 | 2712.0 | 2778.3 | 2880.4 | 2963.1 | 3093.5 | 3193.4 | 3329.8 | 3467.7 | 3509.4 | 3574.2 |
| 5°    | 1961.5 | 2021.9 | 2172.4 | 2309.5 | 2396.0 | 2671.7 | 2846.1 | 3121.1 | 3367.8 | 3486.3 | 3615.2 |
| 7.5°  | 1362.3 | 1433.9 | 1548.6 | 1740.2 | 1922.0 | 2146.3 | 2428.0 | 2742.5 | 3104.0 | 3273.2 | 3455.0 |
| 10°   | 956.2  | 1045.6 | 1207.3 | 1364.6 | 1593.4 | 1806.5 | 2084.5 | 2431.8 | 2830.5 | 3030.2 | 3258.2 |
| 12.5° | 603.7  | 683.4  | 897.3  | 1073.9 | 1359.3 | 1606.8 | 1863.1 | 2177.6 | 2639.7 | 2844.6 | 3083.9 |
| 15°   | 345.1  | 412.1  | 512.0  | 738.5  | 1055.3 | 1382.4 | 1702.2 | 2067.3 | 2542.1 | 2794.7 | 3053.3 |
| 17.5° | 257.1  | 275.0  | 319.7  | 447.9  | 736.3  | 1118.6 | 1553.9 | 2033.8 | 2608.4 | 2905.0 | 3200.1 |
| 20°   | 216.1  | 228.0  | 248.9  | 299.6  | 469.5  | 861.5  | 1409.3 | 2039.8 | 2823.0 | 3195.6 | 3475.9 |
| 22.5° | 193.8  | 201.2  | 218.4  | 251.2  | 320.5  | 627.5  | 1240.1 | 2074.8 | 3083.1 | 3552.6 | 3876.1 |
| 25°   | 169.9  | 179.6  | 194.5  | 222.8  | 266.8  | 435.2  | 1073.2 | 2153.0 | 3447.5 | 4005.7 | 4309.8 |
| 27.5° | 151.3  | 160.2  | 175.1  | 201.2  | 234.0  | 332.4  | 878.7  | 2220.1 | 3832.1 | 4461.8 | 4710.7 |
| 30°   | 132.7  | 141.6  | 156.5  | 177.4  | 207.2  | 269.0  | 669.2  | 2259.6 | 4205.5 | 4803.9 | 4995.4 |
| 32.5° | 117.0  | 124.5  | 138.6  | 157.2  | 181.8  | 228.0  | 527.6  | 2218.6 | 4490.9 | 5114.7 | 5242.9 |
| 35°   | 101.4  | 110.3  | 122.2  | 139.4  | 161.0  | 194.5  | 439.0  | 2077.0 | 4736.1 | 5434.4 | 5480.6 |
| 37.5° | 85.0   | 95.4   | 108.1  | 123.7  | 140.9  | 178.9  | 352.5  | 1920.5 | 4998.4 | 5833.1 | 5757.1 |
| 40°   | 71.5   | 81.2   | 93.2   | 110.3  | 125.9  | 164.0  | 271.3  | 1753.6 | 5281.6 | 6207.2 | 6058.9 |
| 42.5° | 58.1   | 68.6   | 82.7   | 98.4   | 124.5  | 143.1  | 210.2  | 1580.7 | 5535.7 | 6532.9 | 6331.7 |
| 45°   | 46.2   | 55.1   | 70.1   | 90.2   | 123.7  | 123.0  | 162.5  | 1410.0 | 5727.3 | 6765.4 | 6535.1 |
| 47.5° | 36.5   | 44.0   | 58.9   | 87.9   | 114.0  | 104.3  | 130.4  | 1304.2 | 5928.5 | 6974.8 | 6690.9 |
| 50°   | 29.1   | 36.5   | 50.7   | 91.7   | 99.9   | 89.4   | 109.6  | 1321.3 | 6123.0 | 7081.4 | 6755.0 |
| 52.5° | 24.6   | 32.0   | 44.0   | 72.3   | 76.8   | 78.3   | 96.1   | 1400.3 | 6374.2 | 7195.4 | 6882.4 |
| 55°   | 21.6   | 28.3   | 37.3   | 50.7   | 59.6   | 70.1   | 87.9   | 1457.7 | 6710.3 | 7439.9 | 7163.4 |
| 57.5° | 17.1   | 24.6   | 33.5   | 43.2   | 49.2   | 61.1   | 81.2   | 1462.2 | 7014.3 | 7753.6 | 7536.7 |
| 59°   | 15.7   | 22.4   | 31.3   | 41.0   | 44.0   | 55.1   | 76.8   | 1424.2 | 7025.5 | 7800.6 | 7708.2 |
| 60°   | 14.2   | 21.6   | 29.8   | 38.0   | 41.7   | 52.2   | 73.0   | 1380.2 | 6924.2 | 7726.0 | 7779.0 |
| 62.5° | 11.9   | 18.6   | 26.1   | 30.6   | 35.8   | 43.2   | 63.3   | 1220.7 | 6433.0 | 7388.4 | 7647.8 |
| 65°   | 10.4   | 16.4   | 22.4   | 25.3   | 29.8   | 37.3   | 55.9   | 977.0  | 5890.5 | 6930.9 | 7272.2 |
| 67.5° | 9.7    | 14.9   | 19.4   | 21.6   | 26.1   | 34.3   | 49.9   | 690.1  | 5187.7 | 6350.3 | 6708.0 |
| 70°   | 8.9    | 14.2   | 17.1   | 20.1   | 23.1   | 29.1   | 42.5   | 402.4  | 3996.0 | 5332.3 | 5710.1 |
| 72.5° | 8.9    | 13.4   | 14.9   | 17.1   | 20.1   | 26.1   | 39.5   | 217.6  | 2732.1 | 4067.6 | 4555.7 |
| 75°   | 8.9    | 12.7   | 13.4   | 14.9   | 17.9   | 23.8   | 35.0   | 114.0  | 1766.3 | 2826.0 | 3487.8 |
| 77.5° | 8.9    | 11.9   | 13.4   | 14.2   | 17.1   | 20.9   | 30.6   | 71.5   | 1176.8 | 1979.4 | 2357.2 |
| 80°   | 9.7    | 11.9   | 12.7   | 14.2   | 16.4   | 19.4   | 25.3   | 47.7   | 691.6  | 1190.9 | 1434.6 |
| 82.5° | 10.4   | 11.9   | 13.4   | 14.9   | 17.1   | 18.6   | 22.4   | 29.8   | 319.0  | 787.7  | 891.3  |
| 85°   | 11.2   | 12.7   | 14.2   | 15.7   | 17.9   | 18.6   | 20.9   | 21.6   | 52.2   | 355.5  | 480.7  |
| 87.5° | 11.9   | 13.4   | 14.9   | 16.4   | 19.4   | 19.4   | 19.4   | 19.4   | 17.9   | 38.0   | 96.9   |
| 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: P452176

CATALOG NUMBER: GLAN-SA3A-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 | 3240.4 |
| 2.5°  | 3656.2 | 3740.4 | 3799.3 | 3814.2 | 3771.7 | 3752.4 | 3698.7 | 3615.2 | 3564.5 | 3562.3 |
| 5°    | 3853.0 | 4050.5 | 4187.6 | 4210.7 | 4128.7 | 3990.1 | 3825.4 | 3613.0 | 3488.5 | 3451.3 |
| 7.5°  | 3819.4 | 4165.2 | 4385.8 | 4417.9 | 4280.0 | 4015.4 | 3696.5 | 3354.4 | 3218.7 | 3161.4 |
| 10°   | 3681.6 | 4103.4 | 4418.6 | 4469.3 | 4285.2 | 3912.6 | 3507.2 | 3125.6 | 2957.2 | 2913.2 |
| 12.5° | 3563.8 | 3990.1 | 4270.3 | 4340.4 | 4201.0 | 3829.1 | 3393.9 | 2978.8 | 2798.4 | 2757.4 |
| 15°   | 3512.4 | 3855.9 | 4027.3 | 4063.1 | 4040.0 | 3776.9 | 3382.0 | 2956.4 | 2750.0 | 2705.3 |
| 17.5° | 3563.8 | 3741.9 | 3763.5 | 3800.0 | 3851.5 | 3771.7 | 3496.7 | 3077.9 | 2855.1 | 2799.9 |
| 20°   | 3698.7 | 3642.8 | 3553.4 | 3569.0 | 3686.8 | 3793.3 | 3700.9 | 3346.9 | 3075.7 | 3016.8 |
| 22.5° | 3928.2 | 3618.2 | 3415.5 | 3402.1 | 3551.1 | 3865.6 | 4000.5 | 3711.4 | 3396.9 | 3338.7 |
| 25°   | 4209.9 | 3680.1 | 3364.8 | 3335.8 | 3498.2 | 3971.5 | 4326.2 | 4157.8 | 3814.2 | 3725.5 |
| 27.5° | 4517.0 | 3808.2 | 3364.8 | 3336.5 | 3493.7 | 4065.4 | 4604.9 | 4552.8 | 4246.5 | 4149.6 |
| 30°   | 4685.4 | 3914.1 | 3413.3 | 3381.2 | 3548.9 | 4119.8 | 4754.0 | 4903.8 | 4571.4 | 4451.4 |
| 32.5° | 4835.9 | 4060.9 | 3507.9 | 3447.5 | 3664.4 | 4200.2 | 4887.4 | 5201.9 | 4830.0 | 4749.5 |
| 35°   | 4974.6 | 4218.1 | 3638.3 | 3568.3 | 3816.4 | 4310.5 | 5034.9 | 5514.9 | 5189.9 | 5068.5 |
| 37.5° | 5127.3 | 4400.7 | 3841.8 | 3782.2 | 4070.6 | 4525.2 | 5210.1 | 5926.3 | 5543.9 | 5391.2 |
| 40°   | 5293.5 | 4612.4 | 4176.4 | 4151.1 | 4474.5 | 4768.1 | 5431.4 | 6365.2 | 5947.9 | 5774.2 |
| 42.5° | 5462.7 | 4856.1 | 4586.3 | 4628.0 | 4932.1 | 5108.7 | 5658.7 | 6702.8 | 6278.8 | 6087.2 |
| 45°   | 5616.2 | 5167.6 | 5119.1 | 5325.6 | 5465.7 | 5441.1 | 5827.1 | 6940.5 | 6567.2 | 6383.8 |
| 47.5° | 5810.0 | 5621.4 | 5763.8 | 6082.0 | 6085.7 | 5802.5 | 5954.6 | 7135.1 | 6815.3 | 6632.0 |
| 50°   | 6026.9 | 6157.3 | 6596.2 | 6920.4 | 6833.2 | 6158.0 | 6103.6 | 7365.3 | 7071.7 | 6924.9 |
| 52.5° | 6278.0 | 6757.2 | 7365.3 | 7725.3 | 7521.8 | 6545.6 | 6351.8 | 7614.3 | 7478.6 | 7337.8 |
| 55°   | 6570.2 | 7166.4 | 8132.2 | 8419.1 | 8214.2 | 7027.0 | 6728.9 | 7951.9 | 7938.4 | 7842.3 |
| 57.5° | 6900.3 | 7598.6 | 8576.4 | 8964.7 | 8782.1 | 7591.9 | 7255.8 | 8270.1 | 8219.4 | 8165.7 |
| 59°   | 7161.1 | 7820.7 | 8772.4 | 9174.8 | 9064.5 | 7987.6 | 7609.8 | 8468.3 | 8284.2 | 8203.8 |
| 60°   | 7319.1 | 7971.2 | 8844.7 | 9203.1 | 9177.8 | 8223.1 | 7834.1 | 8565.2 | 8283.5 | 8171.7 |
| 62.5° | 7787.9 | 8234.3 | 8817.1 | 9077.2 | 9176.3 | 8674.8 | 8492.2 | 8671.8 | 8130.0 | 7966.0 |
| 65°   | 7954.8 | 8147.1 | 8360.3 | 8328.2 | 8413.2 | 8651.6 | 8912.5 | 8554.8 | 7802.1 | 7568.8 |
| 67.5° | 7629.9 | 7191.0 | 7266.2 | 7052.3 | 7010.6 | 7691.8 | 8741.8 | 7982.4 | 7160.4 | 6875.0 |
| 70°   | 6431.5 | 5508.9 | 5470.9 | 5569.3 | 5299.5 | 6227.3 | 7849.8 | 6880.2 | 6101.4 | 5778.0 |
| 72.5° | 5062.5 | 3893.2 | 3572.7 | 3934.9 | 3926.7 | 4751.0 | 6521.0 | 4882.2 | 4122.0 | 4094.4 |
| 75°   | 3981.1 | 2710.5 | 2378.8 | 2437.7 | 2551.0 | 3439.3 | 5193.7 | 3100.3 | 2538.3 | 2313.3 |
| 77.5° | 2672.5 | 1920.5 | 1791.6 | 1719.3 | 1841.5 | 2208.2 | 3285.8 | 1681.3 | 1423.4 | 1348.2 |
| 80°   | 1540.4 | 1395.1 | 1584.4 | 1438.3 | 1503.9 | 1391.4 | 1634.3 | 771.3  | 640.2  | 693.1  |
| 82.5° | 1002.4 | 794.4  | 846.6  | 629.0  | 860.0  | 867.5  | 524.7  | 228.0  | 193.0  | 204.9  |
| 85°   | 626.8  | 372.6  | 209.4  | 149.1  | 296.6  | 545.5  | 164.0  | 14.2   | 16.4   | 14.2   |
| 87.5° | 162.5  | 61.9   | 26.1   | 38.8   | 47.7   | 42.5   | 38.0   | 2.2    | 0.7    | 1.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)