

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: P456758

Luminaire Tested: **GLAN-SA8A-740-U-SLR-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P456758  
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-SA8A-740-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 4000K, 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: 26520 lumens  
Efficiency: N/A  
Efficacy: 108.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

Input Watts (W): 244  
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



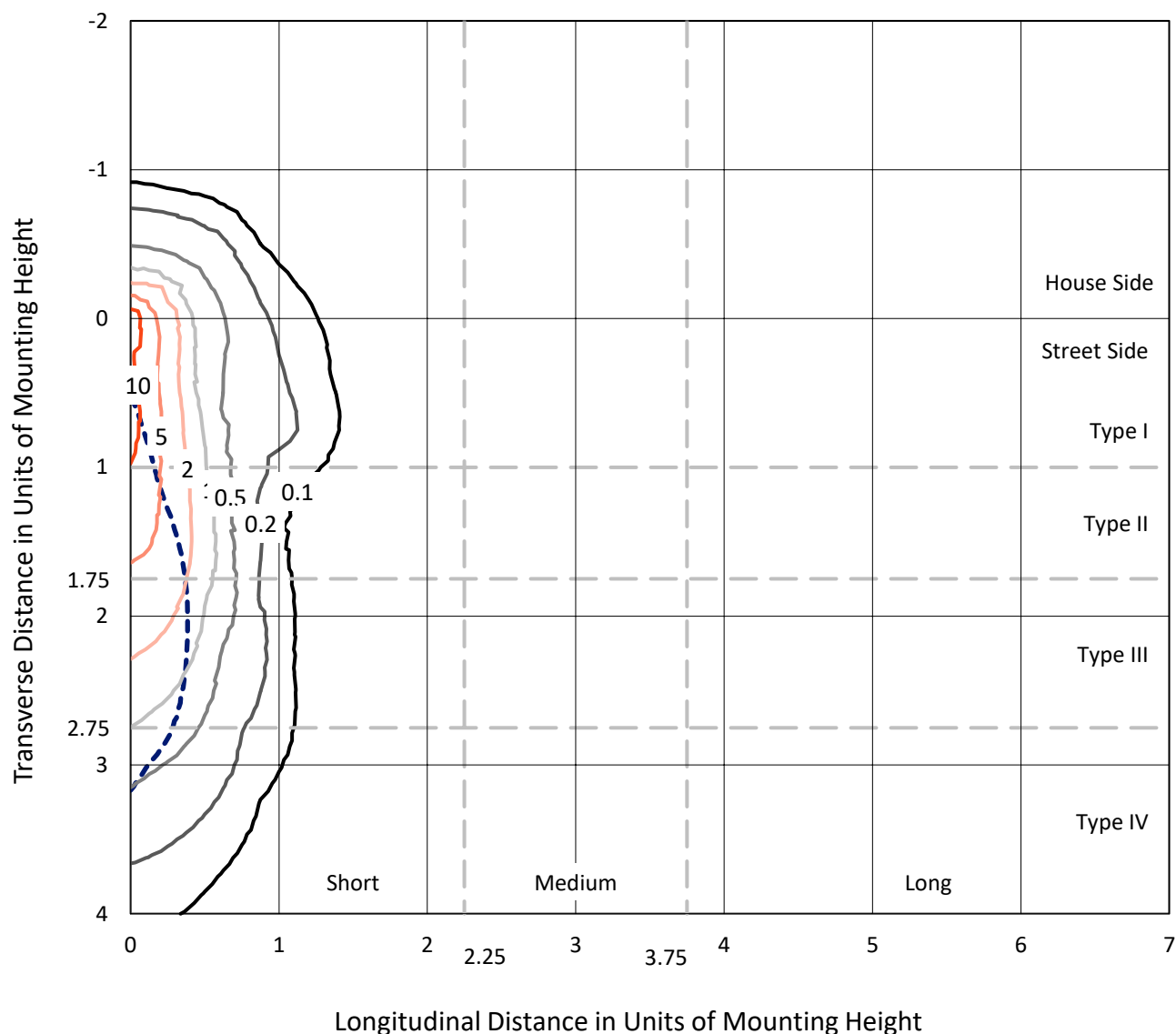
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CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



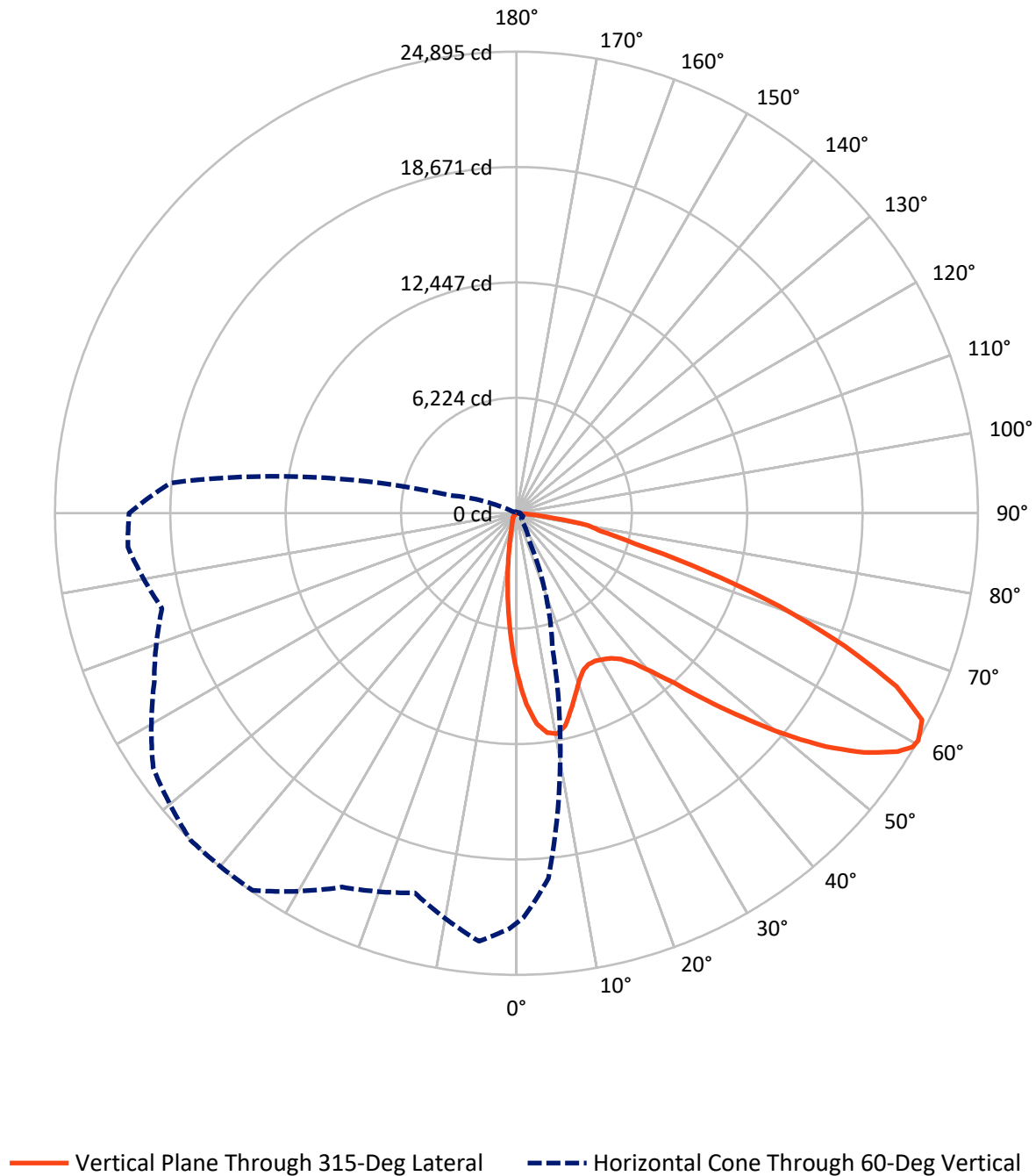
Based on 25 foot mounting height. Maximum calculated value = 14 fc

Type IV - Short - N/A

REPORT NUMBER: P456758

CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

## Luminous Intensity Polar Plot



REPORT NUMBER: P456758

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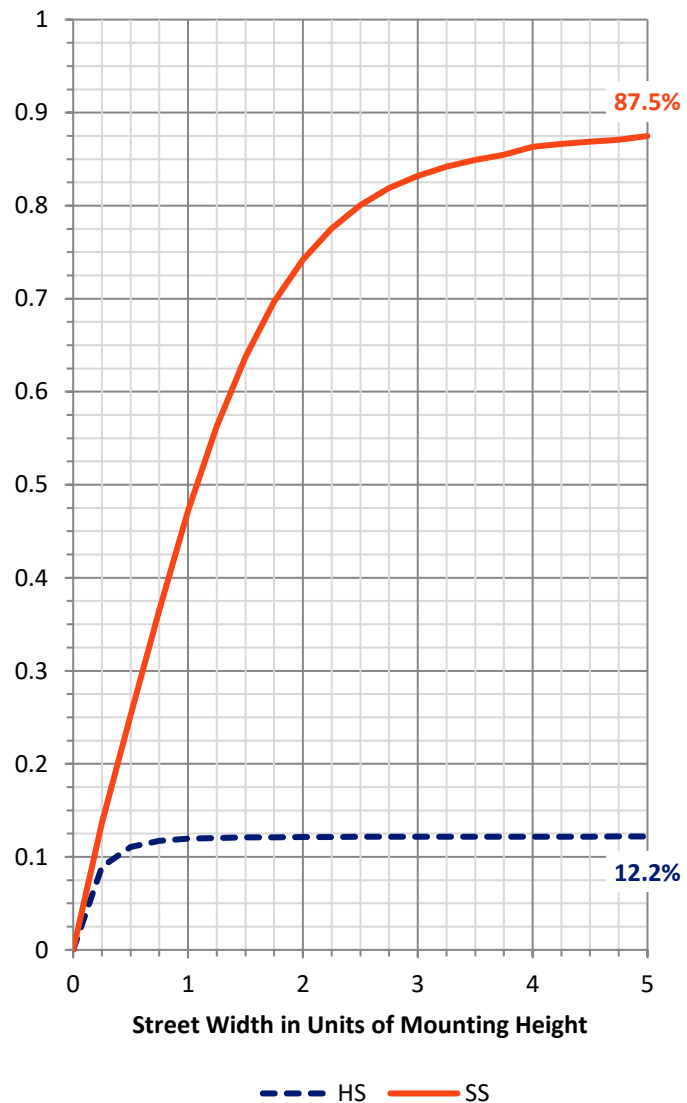
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3271.0   | 0.0    | 3271.0  |
|                    | % Fixture | 12.3     | 0.0    | 12.3    |
| <b>Street Side</b> | Lumens    | 23249.0  | 0.0    | 23249.0 |
|                    | % Fixture | 87.7     | 0.0    | 87.7    |
| <b>Total</b>       | Lumens    | 26520.0  | 0.0    | 26520.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 651.9   | 2.5       |
| 10°-20°   | 1294.7  | 4.9       |
| 20°-30°   | 1898.4  | 7.2       |
| 30°-40°   | 2823.3  | 10.6      |
| 40°-50°   | 4108.8  | 15.5      |
| 50°-60°   | 5925.2  | 22.3      |
| 60°-70°   | 6517.1  | 24.6      |
| 70°-80°   | 2919.1  | 11.0      |
| 80°-90°   | 381.4   | 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°    | 26520.0 | 100.0     |
| 0°-180°   | 26520.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P456758

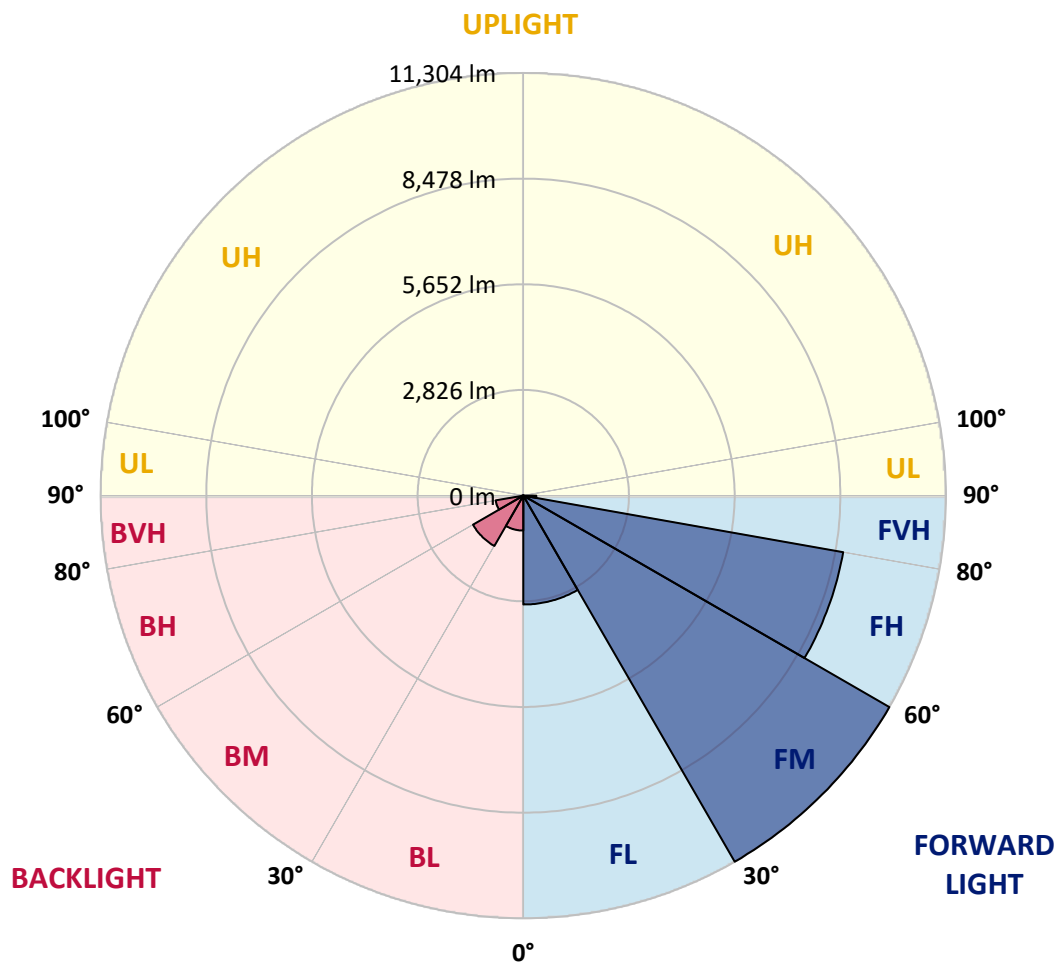
CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2910.5  | 11.0      |                         |      |          |
| FM   | (30°-60°)   | 11303.6 | 42.6      |                         |      |          |
| FH   | (60°-80°)   | 8686.1  | 32.8      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 348.8   | 1.3       |                         |      | G3/500   |
| BL   | (0°-30°)    | 934.6   | 3.5       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1553.6  | 5.9       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 750.1   | 2.8       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 32.6    | 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-G4**

Type IV Short





REPORT NUMBER: P456758

CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8765.2  | 8765.2  | 8765.2  | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 |
| 2.5°  | 9636.1  | 9593.8  | 9497.0  | 9202.7 | 8946.7 | 8612.0 | 8273.4 | 8007.3 | 7844.0 | 7543.6 | 7406.5 |
| 5°    | 9335.7  | 9355.9  | 9075.7  | 8470.9 | 7797.6 | 7338.0 | 6836.0 | 6436.8 | 5997.4 | 5719.2 | 5426.9 |
| 7.5°  | 8551.6  | 8511.2  | 8206.8  | 7364.2 | 6545.7 | 5880.5 | 5245.4 | 4729.4 | 4404.8 | 4144.7 | 3927.0 |
| 10°   | 7880.2  | 7850.0  | 7460.9  | 6376.4 | 5497.4 | 4999.5 | 4570.1 | 4118.5 | 3769.8 | 3388.8 | 3084.4 |
| 12.5° | 7458.9  | 7390.4  | 6942.8  | 5809.9 | 5094.2 | 4630.6 | 4162.9 | 3693.2 | 3211.4 | 2826.3 | 2457.4 |
| 15°   | 7317.8  | 7219.0  | 6721.1  | 5614.3 | 4836.2 | 4247.6 | 3660.9 | 3120.7 | 2566.3 | 2140.9 | 1862.7 |
| 17.5° | 7573.8  | 7410.5  | 6880.3  | 5580.1 | 4527.8 | 3747.6 | 3025.9 | 2322.3 | 1745.8 | 1421.2 | 1249.9 |
| 20°   | 8160.5  | 7973.0  | 7283.5  | 5545.8 | 4185.1 | 3187.2 | 2300.2 | 1641.0 | 1207.5 | 1030.1 | 935.4  |
| 22.5° | 9031.3  | 8773.3  | 7880.2  | 5600.2 | 3868.6 | 2640.9 | 1661.1 | 1159.2 | 959.6  | 848.7  | 782.2  |
| 25°   | 10077.6 | 9861.9  | 8636.2  | 5793.8 | 3618.6 | 2211.5 | 1284.1 | 947.5  | 808.4  | 739.8  | 689.4  |
| 27.5° | 11224.7 | 10879.9 | 9613.9  | 6025.6 | 3390.8 | 1878.8 | 1126.9 | 846.7  | 719.7  | 657.2  | 631.0  |
| 30°   | 12041.1 | 11773.0 | 10432.4 | 6186.9 | 3106.5 | 1628.9 | 1030.1 | 834.6  | 721.7  | 647.1  | 598.7  |
| 32.5° | 12847.5 | 12504.8 | 11117.8 | 6261.5 | 2898.9 | 1455.5 | 891.0  | 727.7  | 633.0  | 594.7  | 546.3  |
| 35°   | 13710.3 | 13351.5 | 11801.2 | 6221.1 | 2743.7 | 1340.6 | 808.4  | 649.1  | 542.3  | 477.8  | 429.4  |
| 37.5° | 14583.2 | 14204.2 | 12480.6 | 6076.0 | 2646.9 | 1294.2 | 743.9  | 616.9  | 512.0  | 445.5  | 393.1  |
| 40°   | 15619.4 | 15113.4 | 13117.6 | 5957.1 | 2546.1 | 1270.0 | 701.5  | 596.7  | 489.9  | 419.3  | 366.9  |
| 42.5° | 16466.1 | 15984.3 | 13720.4 | 5894.6 | 2477.6 | 1213.6 | 701.5  | 580.6  | 475.8  | 397.1  | 342.7  |
| 45°   | 17268.4 | 16768.5 | 14371.5 | 5945.0 | 2449.3 | 1143.0 | 709.6  | 578.6  | 465.7  | 381.0  | 326.6  |
| 47.5° | 17939.7 | 17506.3 | 15040.8 | 6134.5 | 2413.1 | 1066.4 | 667.3  | 606.8  | 459.6  | 366.9  | 310.5  |
| 50°   | 18732.0 | 18312.7 | 15925.8 | 6517.5 | 2348.6 | 989.8  | 614.9  | 653.2  | 457.6  | 354.8  | 296.3  |
| 52.5° | 19848.8 | 19395.2 | 17147.5 | 6952.9 | 2245.7 | 872.9  | 566.5  | 647.1  | 449.6  | 334.6  | 282.2  |
| 55°   | 21213.6 | 20846.7 | 18562.6 | 7475.0 | 2104.6 | 741.9  | 489.9  | 574.5  | 425.4  | 300.4  | 258.0  |
| 57.5° | 22088.5 | 21776.0 | 19623.0 | 7700.8 | 1888.9 | 606.8  | 431.4  | 481.8  | 389.1  | 268.1  | 229.8  |
| 59°   | 22191.3 | 21909.1 | 19844.8 | 7626.2 | 1747.8 | 554.4  | 403.2  | 413.3  | 379.0  | 250.0  | 213.7  |
| 60°   | 22104.6 | 21812.3 | 19756.1 | 7481.1 | 1616.8 | 518.1  | 379.0  | 366.9  | 381.0  | 239.9  | 201.6  |
| 62.5° | 21548.2 | 21048.3 | 18895.3 | 6745.3 | 1413.2 | 475.8  | 336.7  | 300.4  | 336.7  | 215.7  | 179.4  |
| 65°   | 20473.7 | 19723.8 | 17191.8 | 5709.1 | 1332.5 | 451.6  | 286.3  | 252.0  | 256.0  | 189.5  | 155.2  |
| 67.5° | 18596.9 | 17651.4 | 14923.9 | 4638.6 | 1298.3 | 453.6  | 241.9  | 225.8  | 197.6  | 161.3  | 137.1  |
| 70°   | 15629.5 | 14686.0 | 11974.6 | 3816.1 | 1282.1 | 453.6  | 205.6  | 193.5  | 165.3  | 135.1  | 118.9  |
| 72.5° | 11075.5 | 10059.5 | 8077.8  | 2997.7 | 1155.1 | 451.6  | 175.4  | 175.4  | 135.1  | 112.9  | 96.8   |
| 75°   | 6257.4  | 6265.5  | 5078.1  | 2120.8 | 959.6  | 372.9  | 141.1  | 139.1  | 98.8   | 86.7   | 72.6   |
| 77.5° | 3646.8  | 3582.3  | 3423.0  | 911.2  | 445.5  | 169.3  | 98.8   | 84.7   | 68.5   | 62.5   | 52.4   |
| 80°   | 1874.8  | 1542.2  | 1501.9  | 330.6  | 159.3  | 106.8  | 68.5   | 48.4   | 44.4   | 40.3   | 36.3   |
| 82.5° | 554.4   | 556.4   | 495.9   | 133.1  | 88.7   | 70.6   | 34.3   | 26.2   | 24.2   | 22.2   | 22.2   |
| 85°   | 38.3    | 24.2    | 28.2    | 40.3   | 54.4   | 28.2   | 2.0    | 6.0    | 6.0    | 8.1    | 10.1   |
| 87.5° | 4.0     | 2.0     | 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: P456758

CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 |
| 2.5°  | 7255.3 | 7344.0 | 7178.7 | 7182.7 | 7045.7 | 7090.0 | 6928.7 | 6981.1 | 6886.4 | 6959.0 | 7172.7 |
| 5°    | 5459.1 | 5479.3 | 5346.2 | 5303.9 | 5324.1 | 5406.7 | 5439.0 | 5291.8 | 5354.3 | 5231.3 | 5223.3 |
| 7.5°  | 3846.4 | 3870.6 | 3794.0 | 3783.9 | 3929.0 | 3894.8 | 3957.3 | 3806.1 | 3662.9 | 3725.4 | 3610.5 |
| 10°   | 2987.6 | 2886.8 | 2729.6 | 2685.2 | 2657.0 | 2675.1 | 2675.1 | 2538.0 | 2517.9 | 2463.5 | 2546.1 |
| 12.5° | 2358.6 | 2235.7 | 2086.5 | 1884.9 | 1834.5 | 1830.5 | 1755.9 | 1634.9 | 1596.6 | 1550.2 | 1618.8 |
| 15°   | 1713.5 | 1663.1 | 1538.2 | 1425.3 | 1310.4 | 1288.2 | 1167.2 | 1068.4 | 937.4  | 919.3  | 913.2  |
| 17.5° | 1205.5 | 1130.9 | 1128.9 | 1064.4 | 997.9  | 953.5  | 840.6  | 727.7  | 677.4  | 671.3  | 671.3  |
| 20°   | 903.1  | 876.9  | 834.6  | 826.5  | 806.4  | 756.0  | 655.2  | 594.7  | 570.5  | 572.5  | 580.6  |
| 22.5° | 760.0  | 741.9  | 703.6  | 685.4  | 677.4  | 633.0  | 558.4  | 518.1  | 506.0  | 506.0  | 508.0  |
| 25°   | 679.4  | 663.2  | 620.9  | 592.7  | 582.6  | 550.3  | 491.9  | 461.6  | 451.6  | 451.6  | 451.6  |
| 27.5° | 618.9  | 598.7  | 554.4  | 530.2  | 512.0  | 475.8  | 439.5  | 409.2  | 399.2  | 399.2  | 401.2  |
| 30°   | 576.6  | 554.4  | 514.1  | 481.8  | 453.6  | 421.3  | 391.1  | 364.9  | 352.8  | 350.8  | 352.8  |
| 32.5° | 520.1  | 499.9  | 459.6  | 439.5  | 407.2  | 368.9  | 344.7  | 320.5  | 308.4  | 310.5  | 308.4  |
| 35°   | 405.2  | 399.2  | 370.9  | 377.0  | 358.8  | 326.6  | 304.4  | 278.2  | 264.1  | 262.1  | 266.1  |
| 37.5° | 368.9  | 344.7  | 312.5  | 314.5  | 308.4  | 296.3  | 260.1  | 231.8  | 221.8  | 221.8  | 223.8  |
| 40°   | 340.7  | 316.5  | 280.2  | 262.1  | 264.1  | 264.1  | 225.8  | 195.5  | 185.5  | 183.4  | 187.5  |
| 42.5° | 316.5  | 292.3  | 252.0  | 221.8  | 213.7  | 223.8  | 191.5  | 161.3  | 151.2  | 147.2  | 151.2  |
| 45°   | 300.4  | 274.2  | 227.8  | 193.5  | 169.3  | 181.4  | 157.2  | 133.1  | 121.0  | 121.0  | 118.9  |
| 47.5° | 284.2  | 260.1  | 209.7  | 167.3  | 141.1  | 135.1  | 129.0  | 106.8  | 94.7   | 92.7   | 94.7   |
| 50°   | 270.1  | 245.9  | 189.5  | 145.1  | 118.9  | 104.8  | 104.8  | 84.7   | 76.6   | 72.6   | 74.6   |
| 52.5° | 256.0  | 229.8  | 171.4  | 129.0  | 102.8  | 84.7   | 74.6   | 68.5   | 62.5   | 60.5   | 62.5   |
| 55°   | 235.9  | 209.7  | 153.2  | 110.9  | 88.7   | 70.6   | 58.5   | 56.4   | 52.4   | 48.4   | 52.4   |
| 57.5° | 211.7  | 187.5  | 135.1  | 94.7   | 70.6   | 54.4   | 48.4   | 46.4   | 42.3   | 40.3   | 40.3   |
| 59°   | 197.6  | 175.4  | 125.0  | 82.7   | 62.5   | 48.4   | 44.4   | 42.3   | 38.3   | 34.3   | 36.3   |
| 60°   | 189.5  | 171.4  | 118.9  | 76.6   | 56.4   | 44.4   | 40.3   | 38.3   | 34.3   | 32.3   | 34.3   |
| 62.5° | 167.3  | 153.2  | 104.8  | 62.5   | 44.4   | 32.3   | 28.2   | 30.2   | 28.2   | 26.2   | 28.2   |
| 65°   | 147.2  | 135.1  | 88.7   | 48.4   | 34.3   | 22.2   | 20.2   | 26.2   | 24.2   | 22.2   | 24.2   |
| 67.5° | 131.0  | 116.9  | 74.6   | 36.3   | 24.2   | 12.1   | 14.1   | 22.2   | 22.2   | 20.2   | 22.2   |
| 70°   | 112.9  | 100.8  | 60.5   | 26.2   | 12.1   | 6.0    | 10.1   | 16.1   | 20.2   | 18.1   | 20.2   |
| 72.5° | 92.7   | 78.6   | 46.4   | 18.1   | 6.0    | 0.0    | 6.0    | 14.1   | 20.2   | 18.1   | 20.2   |
| 75°   | 72.6   | 58.5   | 34.3   | 10.1   | 0.0    | 0.0    | 2.0    | 12.1   | 20.2   | 18.1   | 20.2   |
| 77.5° | 52.4   | 42.3   | 20.2   | 2.0    | 0.0    | 0.0    | 2.0    | 12.1   | 20.2   | 18.1   | 20.2   |
| 80°   | 34.3   | 30.2   | 8.1    | 0.0    | 0.0    | 0.0    | 2.0    | 12.1   | 20.2   | 20.2   | 22.2   |
| 82.5° | 22.2   | 16.1   | 0.0    | 0.0    | 0.0    | 0.0    | 4.0    | 16.1   | 22.2   | 24.2   | 24.2   |
| 85°   | 10.1   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 8.1    | 20.2   | 26.2   | 26.2   | 26.2   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.0    | 14.1   | 24.2   | 30.2   | 30.2   | 30.2   |
| 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: P456758

CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2 | 8765.2  | 8765.2  | 8765.2  |
| 2.5°  | 7208.9 | 7335.9 | 7515.4 | 7791.5 | 8015.3 | 8368.1 | 8638.2 | 9007.1 | 9380.1  | 9493.0  | 9668.4  |
| 5°    | 5305.9 | 5469.2 | 5876.4 | 6247.3 | 6481.2 | 7227.1 | 7698.8 | 8442.7 | 9110.0  | 9430.5  | 9779.2  |
| 7.5°  | 3685.1 | 3878.6 | 4189.1 | 4707.2 | 5199.1 | 5805.9 | 6567.9 | 7418.6 | 8396.3  | 8853.9  | 9345.8  |
| 10°   | 2586.4 | 2828.3 | 3265.8 | 3691.2 | 4310.0 | 4886.6 | 5638.5 | 6578.0 | 7656.5  | 8196.7  | 8813.6  |
| 12.5° | 1632.9 | 1848.6 | 2427.2 | 2904.9 | 3677.0 | 4346.3 | 5039.8 | 5890.5 | 7140.4  | 7694.8  | 8341.9  |
| 15°   | 933.4  | 1114.8 | 1384.9 | 1997.8 | 2854.5 | 3739.5 | 4604.4 | 5592.2 | 6876.3  | 7559.7  | 8259.2  |
| 17.5° | 695.5  | 743.9  | 864.8  | 1211.6 | 1991.7 | 3025.9 | 4203.2 | 5501.5 | 7055.7  | 7858.1  | 8656.4  |
| 20°   | 584.6  | 616.9  | 673.3  | 810.4  | 1270.0 | 2330.4 | 3812.1 | 5517.6 | 7636.3  | 8644.3  | 9402.3  |
| 22.5° | 524.1  | 544.3  | 590.7  | 679.4  | 866.8  | 1697.4 | 3354.5 | 5612.3 | 8339.9  | 9609.9  | 10484.8 |
| 25°   | 459.6  | 485.8  | 526.2  | 602.8  | 721.7  | 1177.3 | 2902.9 | 5824.0 | 9325.7  | 10835.6 | 11658.1 |
| 27.5° | 409.2  | 433.4  | 473.7  | 544.3  | 633.0  | 899.1  | 2376.8 | 6005.4 | 10365.9 | 12069.3 | 12742.7 |
| 30°   | 358.8  | 383.0  | 423.3  | 479.8  | 560.4  | 727.7  | 1810.3 | 6112.3 | 11375.9 | 12994.6 | 13512.7 |
| 32.5° | 316.5  | 336.7  | 375.0  | 425.4  | 491.9  | 616.9  | 1427.3 | 6001.4 | 12148.0 | 13835.3 | 14182.0 |
| 35°   | 274.2  | 298.4  | 330.6  | 377.0  | 435.4  | 526.2  | 1187.4 | 5618.4 | 12811.2 | 14700.1 | 14825.1 |
| 37.5° | 229.8  | 258.0  | 292.3  | 334.6  | 381.0  | 483.8  | 953.5  | 5195.0 | 13520.8 | 15778.6 | 15573.0 |
| 40°   | 193.5  | 219.7  | 252.0  | 298.4  | 340.7  | 443.5  | 733.8  | 4743.5 | 14286.9 | 16790.6 | 16389.5 |
| 42.5° | 157.2  | 185.5  | 223.8  | 266.1  | 336.7  | 387.1  | 568.5  | 4275.8 | 14974.3 | 17671.6 | 17127.3 |
| 45°   | 125.0  | 149.2  | 189.5  | 243.9  | 334.6  | 332.6  | 439.5  | 3814.1 | 15492.4 | 18300.6 | 17677.6 |
| 47.5° | 98.8   | 118.9  | 159.3  | 237.9  | 308.4  | 282.2  | 352.8  | 3527.9 | 16036.7 | 18867.0 | 18099.0 |
| 50°   | 78.6   | 98.8   | 137.1  | 248.0  | 270.1  | 241.9  | 296.3  | 3574.2 | 16562.8 | 19155.3 | 18272.3 |
| 52.5° | 66.5   | 86.7   | 118.9  | 195.5  | 207.6  | 211.7  | 260.1  | 3787.9 | 17242.2 | 19463.7 | 18617.1 |
| 55°   | 58.5   | 76.6   | 100.8  | 137.1  | 161.3  | 189.5  | 237.9  | 3943.1 | 18151.4 | 20125.0 | 19377.1 |
| 57.5° | 46.4   | 66.5   | 90.7   | 116.9  | 133.1  | 165.3  | 219.7  | 3955.2 | 18973.9 | 20973.7 | 20387.0 |
| 59°   | 42.3   | 60.5   | 84.7   | 110.9  | 118.9  | 149.2  | 207.6  | 3852.4 | 19004.1 | 21100.7 | 20850.7 |
| 60°   | 38.3   | 58.5   | 80.6   | 102.8  | 112.9  | 141.1  | 197.6  | 3733.5 | 18730.0 | 20899.1 | 21042.2 |
| 62.5° | 32.3   | 50.4   | 70.6   | 82.7   | 96.8   | 116.9  | 171.4  | 3302.1 | 17401.5 | 19985.9 | 20687.4 |
| 65°   | 28.2   | 44.4   | 60.5   | 68.5   | 80.6   | 100.8  | 151.2  | 2642.9 | 15933.9 | 18748.1 | 19671.4 |
| 67.5° | 26.2   | 40.3   | 52.4   | 58.5   | 70.6   | 92.7   | 135.1  | 1866.7 | 14032.8 | 17177.7 | 18145.3 |
| 70°   | 24.2   | 38.3   | 46.4   | 54.4   | 62.5   | 78.6   | 114.9  | 1088.6 | 10809.4 | 14423.9 | 15446.0 |
| 72.5° | 24.2   | 36.3   | 40.3   | 46.4   | 54.4   | 70.6   | 106.8  | 588.6  | 7390.4  | 11002.9 | 12323.3 |
| 75°   | 24.2   | 34.3   | 36.3   | 40.3   | 48.4   | 64.5   | 94.7   | 308.4  | 4777.7  | 7644.4  | 9434.5  |
| 77.5° | 24.2   | 32.3   | 36.3   | 38.3   | 46.4   | 56.4   | 82.7   | 193.5  | 3183.1  | 5354.3  | 6376.4  |
| 80°   | 26.2   | 32.3   | 34.3   | 38.3   | 44.4   | 52.4   | 68.5   | 129.0  | 1870.8  | 3221.4  | 3880.7  |
| 82.5° | 28.2   | 32.3   | 36.3   | 40.3   | 46.4   | 50.4   | 60.5   | 80.6   | 862.8   | 2130.8  | 2411.0  |
| 85°   | 30.2   | 34.3   | 38.3   | 42.3   | 48.4   | 50.4   | 56.4   | 58.5   | 141.1   | 961.6   | 1300.3  |
| 87.5° | 32.3   | 36.3   | 40.3   | 44.4   | 52.4   | 52.4   | 52.4   | 52.4   | 48.4    | 102.8   | 262.1   |
| 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: P456758

CATALOG NUMBER: GLAN-SA8A-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 8765.2  | 8765.2  | 8765.2  | 8765.2  | 8765.2  | 8765.2  | 8765.2  | 8765.2  | 8765.2  | 8765.2  |
| 2.5°  | 9890.1  | 10117.9 | 10277.2 | 10317.5 | 10202.6 | 10150.2 | 10005.0 | 9779.2  | 9642.2  | 9636.1  |
| 5°    | 10422.3 | 10956.5 | 11327.5 | 11390.0 | 11168.2 | 10793.3 | 10347.7 | 9773.2  | 9436.5  | 9335.7  |
| 7.5°  | 10331.6 | 11267.0 | 11863.7 | 11950.4 | 11577.5 | 10861.8 | 9999.0  | 9073.7  | 8706.8  | 8551.6  |
| 10°   | 9958.7  | 11099.7 | 11952.4 | 12089.5 | 11591.6 | 10583.6 | 9486.9  | 8454.8  | 7999.2  | 7880.2  |
| 12.5° | 9640.2  | 10793.3 | 11551.2 | 11740.7 | 11363.8 | 10357.8 | 9180.5  | 8057.6  | 7569.8  | 7458.9  |
| 15°   | 9501.1  | 10430.4 | 10894.1 | 10990.8 | 10928.3 | 10216.7 | 9148.3  | 7997.2  | 7438.8  | 7317.8  |
| 17.5° | 9640.2  | 10122.0 | 10180.4 | 10279.2 | 10418.3 | 10202.6 | 9458.7  | 8325.8  | 7723.0  | 7573.8  |
| 20°   | 10005.0 | 9853.8  | 9611.9  | 9654.3  | 9972.8  | 10261.1 | 10011.1 | 9053.5  | 8319.7  | 8160.5  |
| 22.5° | 10625.9 | 9787.3  | 9239.0  | 9202.7  | 9605.9  | 10456.6 | 10821.5 | 10039.3 | 9188.6  | 9031.3  |
| 25°   | 11388.0 | 9954.6  | 9101.9  | 9023.3  | 9462.7  | 10742.9 | 11702.4 | 11246.8 | 10317.5 | 10077.6 |
| 27.5° | 12218.5 | 10301.4 | 9101.9  | 9025.3  | 9450.7  | 10996.9 | 12456.4 | 12315.3 | 11486.7 | 11224.7 |
| 30°   | 12674.1 | 10587.6 | 9232.9  | 9146.2  | 9599.8  | 11144.0 | 12859.6 | 13264.8 | 12365.7 | 12041.1 |
| 32.5° | 13081.3 | 10984.8 | 9489.0  | 9325.7  | 9912.3  | 11361.7 | 13220.4 | 14071.2 | 13065.2 | 12847.5 |
| 35°   | 13456.3 | 11410.1 | 9841.7  | 9652.2  | 10323.5 | 11660.1 | 13619.6 | 14917.8 | 14038.9 | 13710.3 |
| 37.5° | 13869.6 | 11904.0 | 10392.1 | 10230.8 | 11011.0 | 12240.7 | 14093.3 | 16030.6 | 14996.5 | 14583.2 |
| 40°   | 14319.1 | 12476.6 | 11297.2 | 11228.7 | 12103.6 | 12897.9 | 14692.1 | 17218.0 | 16089.1 | 15619.4 |
| 42.5° | 14776.7 | 13135.8 | 12406.0 | 12518.9 | 13341.4 | 13819.2 | 15306.9 | 18131.2 | 16984.2 | 16466.1 |
| 45°   | 15192.0 | 13978.4 | 13847.4 | 14405.8 | 14784.8 | 14718.3 | 15762.5 | 18774.3 | 17764.3 | 17268.4 |
| 47.5° | 15716.1 | 15206.1 | 15591.2 | 16452.0 | 16462.0 | 15696.0 | 16107.2 | 19300.5 | 18435.6 | 17939.7 |
| 50°   | 16302.8 | 16655.6 | 17842.9 | 18719.9 | 18484.0 | 16657.6 | 16510.4 | 19923.4 | 19129.1 | 18732.0 |
| 52.5° | 16982.1 | 18278.4 | 19923.4 | 20897.1 | 20346.7 | 17705.9 | 17181.7 | 20596.7 | 20229.8 | 19848.8 |
| 55°   | 17772.4 | 19385.1 | 21997.8 | 22773.9 | 22219.5 | 19008.2 | 18201.8 | 21509.9 | 21473.6 | 21213.6 |
| 57.5° | 18665.4 | 20554.4 | 23199.3 | 24249.6 | 23755.7 | 20536.2 | 19627.0 | 22370.7 | 22233.6 | 22088.5 |
| 59°   | 19371.0 | 21155.1 | 23729.4 | 24818.0 | 24519.7 | 21606.7 | 20584.6 | 22906.9 | 22409.0 | 22191.3 |
| 60°   | 19798.4 | 21562.3 | 23925.0 | 24894.6 | 24826.1 | 22243.7 | 21191.4 | 23169.0 | 22407.0 | 22104.6 |
| 62.5° | 21066.4 | 22273.9 | 23850.4 | 24554.0 | 24822.1 | 23465.4 | 22971.5 | 23457.3 | 21991.7 | 21548.2 |
| 65°   | 21518.0 | 22038.1 | 22614.6 | 22528.0 | 22757.8 | 23402.9 | 24108.4 | 23140.8 | 21104.7 | 20473.7 |
| 67.5° | 20639.0 | 19451.7 | 19655.3 | 19076.7 | 18963.8 | 20806.4 | 23646.8 | 21592.6 | 19369.0 | 18596.9 |
| 70°   | 17397.4 | 14901.7 | 14798.9 | 15065.0 | 14335.2 | 16845.1 | 21233.7 | 18611.0 | 16504.4 | 15629.5 |
| 72.5° | 13694.2 | 10531.2 | 9664.3  | 10644.1 | 10621.9 | 12851.5 | 17639.3 | 13206.3 | 11150.1 | 11075.5 |
| 75°   | 10769.1 | 7331.9  | 6434.8  | 6594.1  | 6900.5  | 9303.5  | 14049.0 | 8386.2  | 6866.2  | 6257.4  |
| 77.5° | 7229.1  | 5195.0  | 4846.3  | 4650.7  | 4981.3  | 5973.2  | 8888.2  | 4547.9  | 3850.4  | 3646.8  |
| 80°   | 4166.9  | 3773.8  | 4285.9  | 3890.7  | 4068.1  | 3763.7  | 4420.9  | 2086.5  | 1731.7  | 1874.8  |
| 82.5° | 2711.4  | 2149.0  | 2290.1  | 1701.4  | 2326.4  | 2346.5  | 1419.2  | 616.9   | 522.1   | 554.4   |
| 85°   | 1695.4  | 1008.0  | 566.5   | 403.2   | 802.3   | 1475.7  | 443.5   | 38.3    | 44.4    | 38.3    |
| 87.5° | 439.5   | 167.3   | 70.6    | 104.8   | 129.0   | 114.9   | 102.8   | 6.0     | 2.0     | 4.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)