

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: P457135

Luminaire Tested: **GLAN-SA8C-722-U-SLR-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P457135  
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-SA8C-722-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 2200K, 1050mA 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: 29971 lumens  
Efficiency: N/A  
Efficacy: 69.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

Input Watts (W): 429  
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



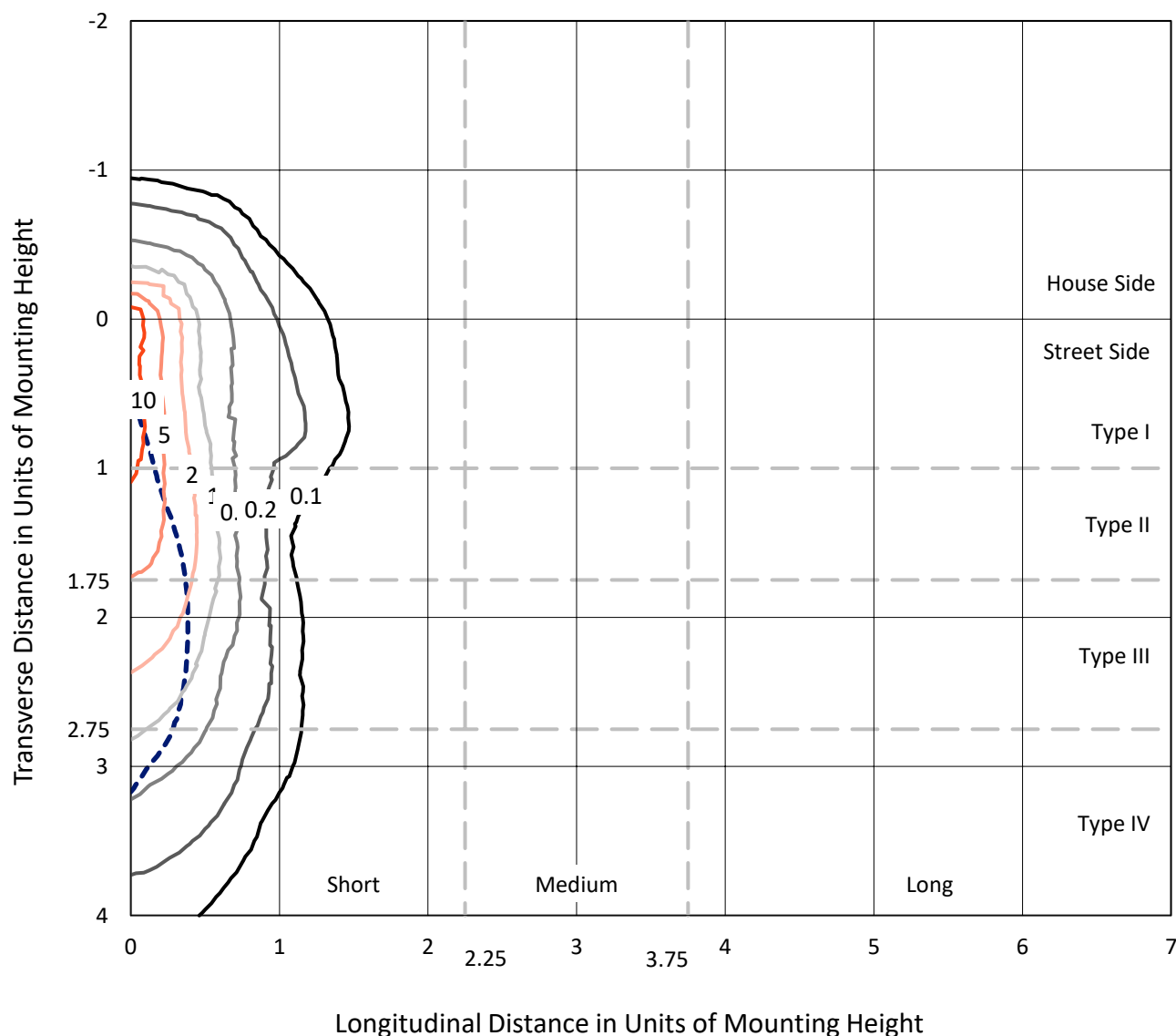
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



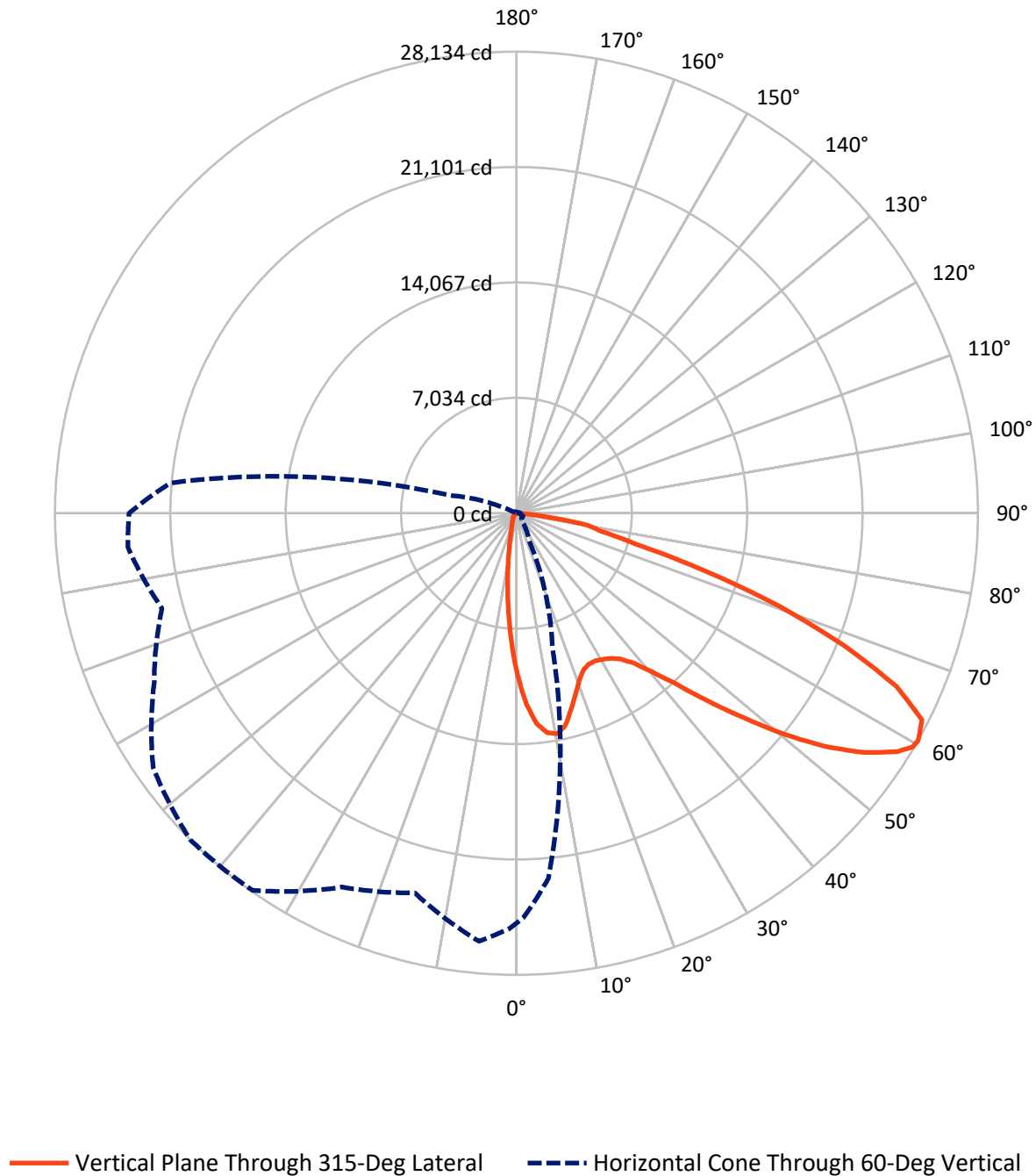
Based on 25 foot mounting height. Maximum calculated value = 15.8 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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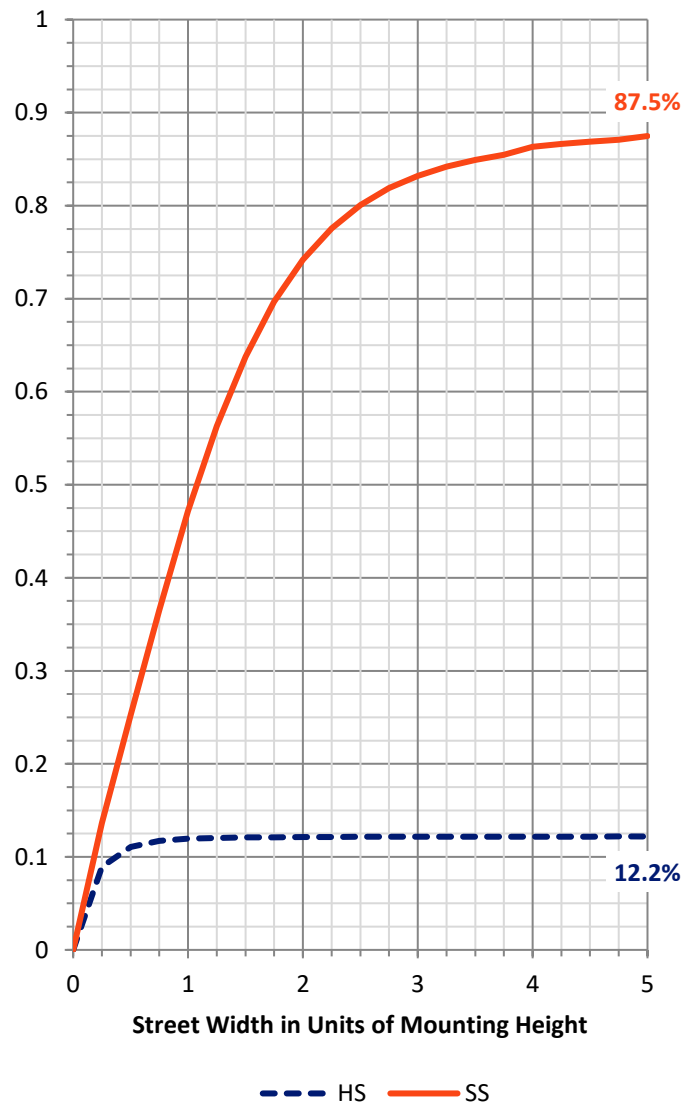
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3696.6   | 0.0    | 3696.6  |
|                    | % Fixture | 12.3     | 0.0    | 12.3    |
| <b>Street Side</b> | Lumens    | 26274.4  | 0.0    | 26274.4 |
|                    | % Fixture | 87.7     | 0.0    | 87.7    |
| <b>Total</b>       | Lumens    | 29971.0  | 0.0    | 29971.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 736.8   | 2.5       |
| 10°-20°   | 1463.2  | 4.9       |
| 20°-30°   | 2145.5  | 7.2       |
| 30°-40°   | 3190.7  | 10.6      |
| 40°-50°   | 4643.5  | 15.5      |
| 50°-60°   | 6696.2  | 22.3      |
| 60°-70°   | 7365.1  | 24.6      |
| 70°-80°   | 3299.0  | 11.0      |
| 80°-90°   | 431.1   | 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°    | 29971.0 | 100.0     |
| 0°-180°   | 29971.0 | 100.0     |

**Coefficient of Utilization**



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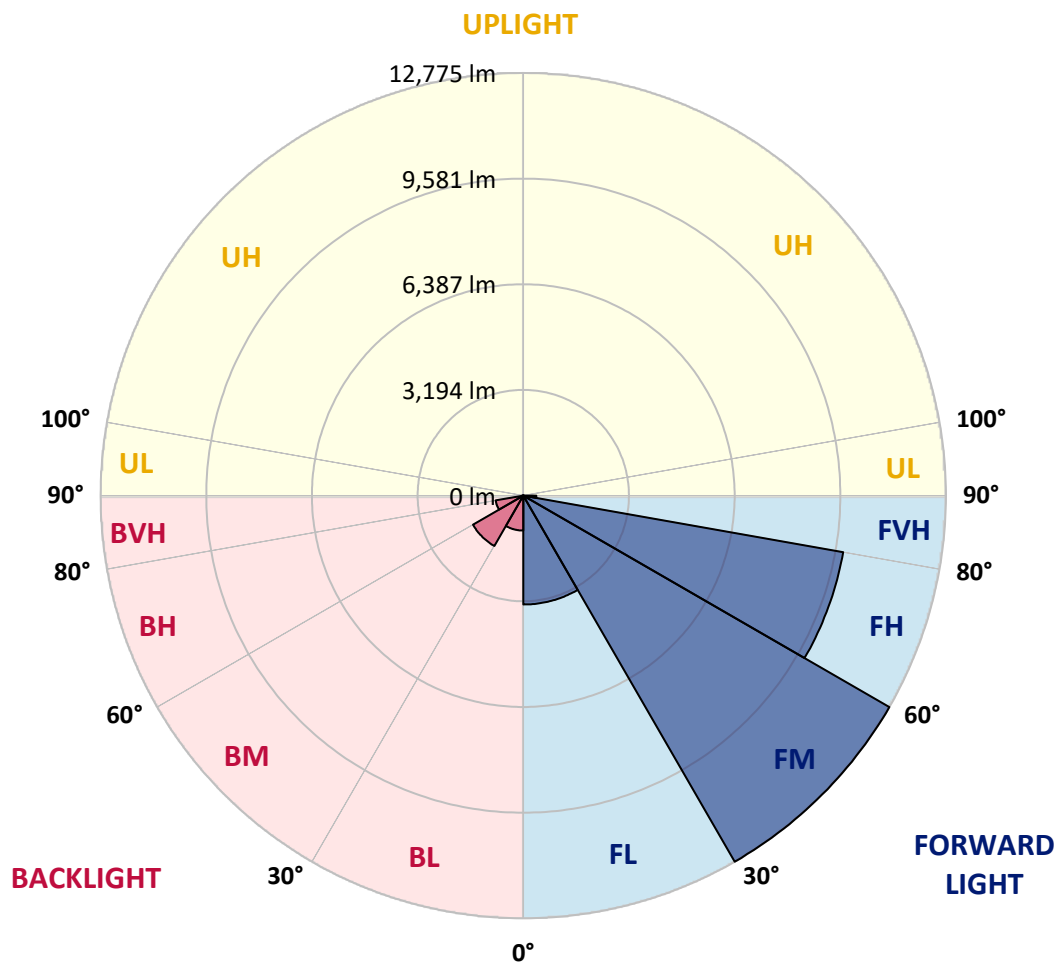
CATALOG NUMBER: GLAN-SA8C-722-U-SLR-HSS

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 3289.2  | 11.0      |                         |      |          |
| FM   | (30°-60°)   | 12774.6 | 42.6      |                         |      |          |
| FH   | (60°-80°)   | 9816.4  | 32.8      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 394.2   | 1.3       |                         |      | G3/500   |
| BL   | (0°-30°)    | 1056.2  | 3.5       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 1755.8  | 5.9       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 847.7   | 2.8       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 36.8    | 0.1       |                         |      | G1/100   |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0°    | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 |
| 2.5°  | 10890.0 | 10842.2 | 10732.8 | 10400.2 | 10110.9 | 9732.7 | 9350.0 | 9049.2 | 8864.7 | 8525.2 | 8370.3 |
| 5°    | 10550.6 | 10573.4 | 10256.7 | 9573.2  | 8812.3  | 8292.8 | 7725.6 | 7274.5 | 6777.8 | 6463.4 | 6133.1 |
| 7.5°  | 9664.3  | 9618.8  | 9274.8  | 8322.5  | 7397.5  | 6645.7 | 5928.0 | 5344.8 | 4978.0 | 4684.1 | 4438.0 |
| 10°   | 8905.7  | 8871.5  | 8431.8  | 7206.1  | 6212.8  | 5650.1 | 5164.8 | 4654.5 | 4260.3 | 3829.7 | 3485.7 |
| 12.5° | 8429.5  | 8352.1  | 7846.3  | 6565.9  | 5757.1  | 5233.1 | 4704.6 | 4173.8 | 3629.3 | 3194.1 | 2777.2 |
| 15°   | 8270.1  | 8158.4  | 7595.7  | 6344.9  | 5465.5  | 4800.3 | 4137.3 | 3526.7 | 2900.2 | 2419.5 | 2105.1 |
| 17.5° | 8559.4  | 8374.9  | 7775.7  | 6306.2  | 5117.0  | 4235.3 | 3419.7 | 2624.5 | 1973.0 | 1606.2 | 1412.5 |
| 20°   | 9222.4  | 9010.5  | 8231.3  | 6267.5  | 4729.7  | 3601.9 | 2599.5 | 1854.5 | 1364.7 | 1164.2 | 1057.1 |
| 22.5° | 10206.6 | 9915.0  | 8905.7  | 6329.0  | 4372.0  | 2984.5 | 1877.3 | 1310.0 | 1084.4 | 959.1  | 884.0  |
| 25°   | 11389.0 | 11145.2 | 9760.0  | 6547.7  | 4089.5  | 2499.2 | 1451.2 | 1070.8 | 913.6  | 836.1  | 779.2  |
| 27.5° | 12685.3 | 12295.7 | 10865.0 | 6809.7  | 3832.0  | 2123.3 | 1273.5 | 956.9  | 813.3  | 742.7  | 713.1  |
| 30°   | 13608.0 | 13305.0 | 11790.0 | 6992.0  | 3510.8  | 1840.8 | 1164.2 | 943.2  | 815.6  | 731.3  | 676.6  |
| 32.5° | 14519.3 | 14132.0 | 12564.6 | 7076.3  | 3276.1  | 1644.9 | 1007.0 | 822.4  | 715.4  | 672.1  | 617.4  |
| 35°   | 15494.4 | 15088.9 | 13336.9 | 7030.7  | 3100.7  | 1515.0 | 913.6  | 733.6  | 612.9  | 539.9  | 485.3  |
| 37.5° | 16480.9 | 16052.6 | 14104.7 | 6866.7  | 2991.3  | 1462.6 | 840.7  | 697.1  | 578.7  | 503.5  | 444.3  |
| 40°   | 17651.9 | 17080.1 | 14824.6 | 6732.2  | 2877.4  | 1435.3 | 792.8  | 674.4  | 553.6  | 473.9  | 414.6  |
| 42.5° | 18608.8 | 18064.3 | 15505.8 | 6661.6  | 2800.0  | 1371.5 | 792.8  | 656.1  | 537.7  | 448.8  | 387.3  |
| 45°   | 19515.5 | 18950.5 | 16241.7 | 6718.6  | 2768.1  | 1291.8 | 801.9  | 653.9  | 526.3  | 430.6  | 369.1  |
| 47.5° | 20274.2 | 19784.3 | 16998.0 | 6932.7  | 2727.1  | 1205.2 | 754.1  | 685.8  | 519.4  | 414.6  | 350.9  |
| 50°   | 21169.5 | 20695.6 | 17998.2 | 7365.6  | 2654.2  | 1118.6 | 694.9  | 738.2  | 517.2  | 401.0  | 334.9  |
| 52.5° | 22431.7 | 21919.1 | 19378.8 | 7857.7  | 2538.0  | 986.5  | 640.2  | 731.3  | 508.1  | 378.2  | 319.0  |
| 55°   | 23974.1 | 23559.4 | 20978.2 | 8447.8  | 2378.5  | 838.4  | 553.6  | 649.3  | 480.7  | 339.5  | 291.6  |
| 57.5° | 24962.8 | 24609.7 | 22176.5 | 8702.9  | 2134.7  | 685.8  | 487.5  | 544.5  | 439.7  | 303.0  | 259.7  |
| 59°   | 25079.0 | 24760.1 | 22427.1 | 8618.6  | 1975.2  | 626.5  | 455.7  | 467.0  | 428.3  | 282.5  | 241.5  |
| 60°   | 24981.0 | 24650.7 | 22326.9 | 8454.6  | 1827.2  | 585.5  | 428.3  | 414.6  | 430.6  | 271.1  | 227.8  |
| 62.5° | 24352.2 | 23787.2 | 21354.1 | 7623.0  | 1597.1  | 537.7  | 380.5  | 339.5  | 380.5  | 243.8  | 202.8  |
| 65°   | 23137.9 | 22290.4 | 19428.9 | 6452.0  | 1505.9  | 510.3  | 323.5  | 284.8  | 289.3  | 214.2  | 175.4  |
| 67.5° | 21016.9 | 19948.4 | 16865.9 | 5242.3  | 1467.2  | 512.6  | 273.4  | 255.2  | 223.3  | 182.3  | 154.9  |
| 70°   | 17663.3 | 16597.1 | 13532.8 | 4312.7  | 1449.0  | 512.6  | 232.4  | 218.7  | 186.8  | 152.6  | 134.4  |
| 72.5° | 12516.7 | 11368.5 | 9129.0  | 3387.8  | 1305.4  | 510.3  | 198.2  | 198.2  | 152.6  | 127.6  | 109.4  |
| 75°   | 7071.7  | 7080.8  | 5738.9  | 2396.7  | 1084.4  | 421.5  | 159.5  | 157.2  | 111.6  | 98.0   | 82.0   |
| 77.5° | 4121.4  | 4048.5  | 3868.5  | 1029.8  | 503.5   | 191.4  | 111.6  | 95.7   | 77.5   | 70.6   | 59.2   |
| 80°   | 2118.8  | 1742.9  | 1697.3  | 373.6   | 180.0   | 120.7  | 77.5   | 54.7   | 50.1   | 45.6   | 41.0   |
| 82.5° | 626.5   | 628.8   | 560.5   | 150.4   | 100.2   | 79.7   | 38.7   | 29.6   | 27.3   | 25.1   | 25.1   |
| 85°   | 43.3    | 27.3    | 31.9    | 45.6    | 61.5    | 31.9   | 2.3    | 6.8    | 6.8    | 9.1    | 11.4   |
| 87.5° | 4.6     | 2.3     | 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°    | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 |
| 2.5°  | 8199.4 | 8299.7 | 8112.9 | 8117.4 | 7962.5 | 8012.6 | 7830.4 | 7889.6 | 7782.5 | 7864.5 | 8106.0 |
| 5°    | 6169.5 | 6192.3 | 6041.9 | 5994.1 | 6016.9 | 6110.3 | 6146.7 | 5980.4 | 6051.0 | 5912.1 | 5903.0 |
| 7.5°  | 4346.9 | 4374.2 | 4287.7 | 4276.3 | 4440.3 | 4401.6 | 4472.2 | 4301.3 | 4139.6 | 4210.2 | 4080.4 |
| 10°   | 3376.4 | 3262.5 | 3084.8 | 3034.6 | 3002.7 | 3023.2 | 3023.2 | 2868.3 | 2845.5 | 2784.0 | 2877.4 |
| 12.5° | 2665.6 | 2526.6 | 2358.0 | 2130.2 | 2073.2 | 2068.7 | 1984.4 | 1847.7 | 1804.4 | 1752.0 | 1829.4 |
| 15°   | 1936.5 | 1879.6 | 1738.3 | 1610.7 | 1480.9 | 1455.8 | 1319.1 | 1207.5 | 1059.4 | 1038.9 | 1032.0 |
| 17.5° | 1362.4 | 1278.1 | 1275.8 | 1202.9 | 1127.7 | 1077.6 | 950.0  | 822.4  | 765.5  | 758.7  | 758.7  |
| 20°   | 1020.7 | 991.0  | 943.2  | 934.1  | 911.3  | 854.3  | 740.4  | 672.1  | 644.7  | 647.0  | 656.1  |
| 22.5° | 858.9  | 838.4  | 795.1  | 774.6  | 765.5  | 715.4  | 631.1  | 585.5  | 571.8  | 571.8  | 574.1  |
| 25°   | 767.8  | 749.5  | 701.7  | 669.8  | 658.4  | 622.0  | 555.9  | 521.7  | 510.3  | 510.3  | 510.3  |
| 27.5° | 699.4  | 676.6  | 626.5  | 599.2  | 578.7  | 537.7  | 496.7  | 462.5  | 451.1  | 451.1  | 453.4  |
| 30°   | 651.6  | 626.5  | 581.0  | 544.5  | 512.6  | 476.2  | 442.0  | 412.4  | 398.7  | 396.4  | 398.7  |
| 32.5° | 587.8  | 565.0  | 519.4  | 496.7  | 460.2  | 416.9  | 389.6  | 362.2  | 348.6  | 350.9  | 348.6  |
| 35°   | 457.9  | 451.1  | 419.2  | 426.0  | 405.5  | 369.1  | 344.0  | 314.4  | 298.5  | 296.2  | 300.7  |
| 37.5° | 416.9  | 389.6  | 353.1  | 355.4  | 348.6  | 334.9  | 293.9  | 262.0  | 250.6  | 250.6  | 252.9  |
| 40°   | 385.0  | 357.7  | 316.7  | 296.2  | 298.5  | 298.5  | 255.2  | 221.0  | 209.6  | 207.3  | 211.9  |
| 42.5° | 357.7  | 330.3  | 284.8  | 250.6  | 241.5  | 252.9  | 216.4  | 182.3  | 170.9  | 166.3  | 170.9  |
| 45°   | 339.5  | 309.8  | 257.4  | 218.7  | 191.4  | 205.0  | 177.7  | 150.4  | 136.7  | 136.7  | 134.4  |
| 47.5° | 321.2  | 293.9  | 236.9  | 189.1  | 159.5  | 152.6  | 145.8  | 120.7  | 107.1  | 104.8  | 107.1  |
| 50°   | 305.3  | 277.9  | 214.2  | 164.0  | 134.4  | 118.5  | 118.5  | 95.7   | 86.6   | 82.0   | 84.3   |
| 52.5° | 289.3  | 259.7  | 193.7  | 145.8  | 116.2  | 95.7   | 84.3   | 77.5   | 70.6   | 68.3   | 70.6   |
| 55°   | 266.6  | 236.9  | 173.1  | 125.3  | 100.2  | 79.7   | 66.1   | 63.8   | 59.2   | 54.7   | 59.2   |
| 57.5° | 239.2  | 211.9  | 152.6  | 107.1  | 79.7   | 61.5   | 54.7   | 52.4   | 47.8   | 45.6   | 45.6   |
| 59°   | 223.3  | 198.2  | 141.3  | 93.4   | 70.6   | 54.7   | 50.1   | 47.8   | 43.3   | 38.7   | 41.0   |
| 60°   | 214.2  | 193.7  | 134.4  | 86.6   | 63.8   | 50.1   | 45.6   | 43.3   | 38.7   | 36.5   | 38.7   |
| 62.5° | 189.1  | 173.1  | 118.5  | 70.6   | 50.1   | 36.5   | 31.9   | 34.2   | 31.9   | 29.6   | 31.9   |
| 65°   | 166.3  | 152.6  | 100.2  | 54.7   | 38.7   | 25.1   | 22.8   | 29.6   | 27.3   | 25.1   | 27.3   |
| 67.5° | 148.1  | 132.1  | 84.3   | 41.0   | 27.3   | 13.7   | 15.9   | 25.1   | 25.1   | 22.8   | 25.1   |
| 70°   | 127.6  | 113.9  | 68.3   | 29.6   | 13.7   | 6.8    | 11.4   | 18.2   | 22.8   | 20.5   | 22.8   |
| 72.5° | 104.8  | 88.9   | 52.4   | 20.5   | 6.8    | 0.0    | 6.8    | 15.9   | 22.8   | 20.5   | 22.8   |
| 75°   | 82.0   | 66.1   | 38.7   | 11.4   | 0.0    | 0.0    | 2.3    | 13.7   | 22.8   | 20.5   | 22.8   |
| 77.5° | 59.2   | 47.8   | 22.8   | 2.3    | 0.0    | 0.0    | 2.3    | 13.7   | 22.8   | 20.5   | 22.8   |
| 80°   | 38.7   | 34.2   | 9.1    | 0.0    | 0.0    | 0.0    | 2.3    | 13.7   | 22.8   | 22.8   | 25.1   |
| 82.5° | 25.1   | 18.2   | 0.0    | 0.0    | 0.0    | 0.0    | 4.6    | 18.2   | 25.1   | 27.3   | 27.3   |
| 85°   | 11.4   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 9.1    | 22.8   | 29.6   | 29.6   | 29.6   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.6    | 15.9   | 27.3   | 34.2   | 34.2   | 34.2   |
| 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°    | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8 | 9905.8  | 9905.8  | 9905.8  | 9905.8  |
| 2.5°  | 8147.0 | 8290.6 | 8493.3 | 8805.4 | 9058.3 | 9457.0 | 9762.3 | 10179.2 | 10600.7 | 10728.3 | 10926.5 |
| 5°    | 5996.4 | 6180.9 | 6641.1 | 7060.3 | 7324.6 | 8167.5 | 8700.6 | 9541.3  | 10295.4 | 10657.7 | 11051.8 |
| 7.5°  | 4164.6 | 4383.4 | 4734.2 | 5319.7 | 5875.6 | 6561.4 | 7422.5 | 8384.0  | 9488.9  | 10006.1 | 10562.0 |
| 10°   | 2923.0 | 3196.4 | 3690.8 | 4171.5 | 4870.9 | 5522.5 | 6372.3 | 7433.9  | 8652.8  | 9263.4  | 9960.5  |
| 12.5° | 1845.4 | 2089.2 | 2743.0 | 3283.0 | 4155.5 | 4911.9 | 5695.6 | 6657.1  | 8069.6  | 8696.1  | 9427.4  |
| 15°   | 1054.8 | 1259.9 | 1565.2 | 2257.7 | 3226.0 | 4226.2 | 5203.5 | 6319.9  | 7771.1  | 8543.4  | 9334.0  |
| 17.5° | 786.0  | 840.7  | 977.4  | 1369.2 | 2250.9 | 3419.7 | 4750.2 | 6217.4  | 7973.9  | 8880.6  | 9782.8  |
| 20°   | 660.7  | 697.1  | 760.9  | 915.9  | 1435.3 | 2633.7 | 4308.2 | 6235.6  | 8630.0  | 9769.1  | 10625.8 |
| 22.5° | 592.3  | 615.1  | 667.5  | 767.8  | 979.6  | 1918.3 | 3791.0 | 6342.7  | 9425.1  | 10860.4 | 11849.2 |
| 25°   | 519.4  | 549.1  | 594.6  | 681.2  | 815.6  | 1330.5 | 3280.7 | 6581.9  | 10539.2 | 12245.6 | 13175.1 |
| 27.5° | 462.5  | 489.8  | 535.4  | 615.1  | 715.4  | 1016.1 | 2686.1 | 6786.9  | 11714.8 | 13639.9 | 14400.8 |
| 30°   | 405.5  | 432.9  | 478.4  | 542.2  | 633.4  | 822.4  | 2045.9 | 6907.7  | 12856.2 | 14685.6 | 15271.1 |
| 32.5° | 357.7  | 380.5  | 423.8  | 480.7  | 555.9  | 697.1  | 1613.0 | 6782.4  | 13728.8 | 15635.7 | 16027.5 |
| 35°   | 309.8  | 337.2  | 373.6  | 426.0  | 492.1  | 594.6  | 1341.9 | 6349.5  | 14478.3 | 16613.0 | 16754.3 |
| 37.5° | 259.7  | 291.6  | 330.3  | 378.2  | 430.6  | 546.8  | 1077.6 | 5871.1  | 15280.2 | 17831.9 | 17599.5 |
| 40°   | 218.7  | 248.3  | 284.8  | 337.2  | 385.0  | 501.2  | 829.3  | 5360.7  | 16146.0 | 18975.6 | 18522.2 |
| 42.5° | 177.7  | 209.6  | 252.9  | 300.7  | 380.5  | 437.4  | 642.5  | 4832.2  | 16922.9 | 19971.2 | 19356.0 |
| 45°   | 141.3  | 168.6  | 214.2  | 275.7  | 378.2  | 375.9  | 496.7  | 4310.5  | 17508.4 | 20682.0 | 19978.0 |
| 47.5° | 111.6  | 134.4  | 180.0  | 268.8  | 348.6  | 319.0  | 398.7  | 3986.9  | 18123.5 | 21322.2 | 20454.2 |
| 50°   | 88.9   | 111.6  | 154.9  | 280.2  | 305.3  | 273.4  | 334.9  | 4039.3  | 18718.1 | 21648.0 | 20650.1 |
| 52.5° | 75.2   | 98.0   | 134.4  | 221.0  | 234.7  | 239.2  | 293.9  | 4280.8  | 19485.9 | 21996.5 | 21039.7 |
| 55°   | 66.1   | 86.6   | 113.9  | 154.9  | 182.3  | 214.2  | 268.8  | 4456.3  | 20513.4 | 22743.8 | 21898.6 |
| 57.5° | 52.4   | 75.2   | 102.5  | 132.1  | 150.4  | 186.8  | 248.3  | 4469.9  | 21442.9 | 23702.9 | 23040.0 |
| 59°   | 47.8   | 68.3   | 95.7   | 125.3  | 134.4  | 168.6  | 234.7  | 4353.7  | 21477.1 | 23846.5 | 23564.0 |
| 60°   | 43.3   | 66.1   | 91.1   | 116.2  | 127.6  | 159.5  | 223.3  | 4219.3  | 21167.2 | 23618.6 | 23780.4 |
| 62.5° | 36.5   | 57.0   | 79.7   | 93.4   | 109.4  | 132.1  | 193.7  | 3731.8  | 19665.9 | 22586.6 | 23379.4 |
| 65°   | 31.9   | 50.1   | 68.3   | 77.5   | 91.1   | 113.9  | 170.9  | 2986.8  | 18007.3 | 21187.8 | 22231.2 |
| 67.5° | 29.6   | 45.6   | 59.2   | 66.1   | 79.7   | 104.8  | 152.6  | 2109.7  | 15858.9 | 19413.0 | 20506.6 |
| 70°   | 27.3   | 43.3   | 52.4   | 61.5   | 70.6   | 88.9   | 129.9  | 1230.3  | 12216.0 | 16300.9 | 17456.0 |
| 72.5° | 27.3   | 41.0   | 45.6   | 52.4   | 61.5   | 79.7   | 120.7  | 665.2   | 8352.1  | 12434.7 | 13927.0 |
| 75°   | 27.3   | 38.7   | 41.0   | 45.6   | 54.7   | 72.9   | 107.1  | 348.6   | 5399.5  | 8639.1  | 10662.2 |
| 77.5° | 27.3   | 36.5   | 41.0   | 43.3   | 52.4   | 63.8   | 93.4   | 218.7   | 3597.4  | 6051.0  | 7206.1  |
| 80°   | 29.6   | 36.5   | 38.7   | 43.3   | 50.1   | 59.2   | 77.5   | 145.8   | 2114.2  | 3640.6  | 4385.6  |
| 82.5° | 31.9   | 36.5   | 41.0   | 45.6   | 52.4   | 57.0   | 68.3   | 91.1    | 975.1   | 2408.1  | 2724.8  |
| 85°   | 34.2   | 38.7   | 43.3   | 47.8   | 54.7   | 57.0   | 63.8   | 66.1    | 159.5   | 1086.7  | 1469.5  |
| 87.5° | 36.5   | 41.0   | 45.6   | 50.1   | 59.2   | 59.2   | 59.2   | 59.2    | 54.7    | 116.2   | 296.2   |
| 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: P457135

CATALOG NUMBER: GLAN-SA8C-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  | 9905.8  |
| 2.5°  | 11177.1 | 11434.6 | 11614.5 | 11660.1 | 11530.2 | 11471.0 | 11307.0 | 11051.8 | 10896.9 | 10890.0 |
| 5°    | 11778.6 | 12382.3 | 12801.5 | 12872.1 | 12621.5 | 12197.8 | 11694.3 | 11045.0 | 10664.5 | 10550.6 |
| 7.5°  | 11676.0 | 12733.2 | 13407.5 | 13505.5 | 13084.0 | 12275.2 | 11300.1 | 10254.4 | 9839.8  | 9664.3  |
| 10°   | 11254.6 | 12544.1 | 13507.8 | 13662.7 | 13100.0 | 11960.8 | 10721.5 | 9555.0  | 9040.1  | 8905.7  |
| 12.5° | 10894.6 | 12197.8 | 13054.4 | 13268.5 | 12842.5 | 11705.7 | 10375.2 | 9106.2  | 8554.8  | 8429.5  |
| 15°   | 10737.4 | 11787.7 | 12311.7 | 12421.0 | 12350.4 | 11546.2 | 10338.7 | 9037.8  | 8406.8  | 8270.1  |
| 17.5° | 10894.6 | 11439.1 | 11505.2 | 11616.8 | 11774.0 | 11530.2 | 10689.6 | 9409.2  | 8728.0  | 8559.4  |
| 20°   | 11307.0 | 11136.1 | 10862.7 | 10910.6 | 11270.5 | 11596.3 | 11313.8 | 10231.6 | 9402.3  | 9222.4  |
| 22.5° | 12008.7 | 11060.9 | 10441.2 | 10400.2 | 10855.9 | 11817.3 | 12229.7 | 11345.7 | 10384.3 | 10206.6 |
| 25°   | 12869.9 | 11250.0 | 10286.3 | 10197.5 | 10694.1 | 12140.8 | 13225.3 | 12710.4 | 11660.1 | 11389.0 |
| 27.5° | 13808.5 | 11641.9 | 10286.3 | 10199.7 | 10680.4 | 12427.9 | 14077.3 | 13917.8 | 12981.5 | 12685.3 |
| 30°   | 14323.4 | 11965.4 | 10434.4 | 10336.4 | 10849.0 | 12594.2 | 14533.0 | 14990.9 | 13974.8 | 13608.0 |
| 32.5° | 14783.6 | 12414.2 | 10723.7 | 10539.2 | 11202.2 | 12840.2 | 14940.8 | 15902.2 | 14765.4 | 14519.3 |
| 35°   | 15207.3 | 12894.9 | 11122.4 | 10908.3 | 11666.9 | 13177.4 | 15391.9 | 16859.1 | 15865.8 | 15494.4 |
| 37.5° | 15674.4 | 13453.1 | 11744.4 | 11562.1 | 12443.8 | 13833.6 | 15927.3 | 18116.7 | 16947.9 | 16480.9 |
| 40°   | 16182.4 | 14100.1 | 12767.3 | 12689.9 | 13678.6 | 14576.3 | 16603.9 | 19458.6 | 18182.7 | 17651.9 |
| 42.5° | 16699.6 | 14845.1 | 14020.4 | 14148.0 | 15077.5 | 15617.4 | 17298.8 | 20490.6 | 19194.3 | 18608.8 |
| 45°   | 17168.9 | 15797.4 | 15649.3 | 16280.4 | 16708.7 | 16633.5 | 17813.7 | 21217.4 | 20076.0 | 19515.5 |
| 47.5° | 17761.3 | 17184.9 | 17620.0 | 18592.8 | 18604.2 | 17738.5 | 18203.2 | 21812.0 | 20834.6 | 20274.2 |
| 50°   | 18424.2 | 18822.9 | 20164.8 | 21155.9 | 20889.3 | 18825.2 | 18658.9 | 22516.0 | 21618.3 | 21169.5 |
| 52.5° | 19192.0 | 20656.9 | 22516.0 | 23616.4 | 22994.4 | 20009.9 | 19417.5 | 23276.9 | 22862.3 | 22431.7 |
| 55°   | 20085.1 | 21907.7 | 24860.3 | 25737.4 | 25110.9 | 21481.6 | 20570.3 | 24309.0 | 24268.0 | 23974.1 |
| 57.5° | 21094.3 | 23229.1 | 26218.1 | 27405.1 | 26846.9 | 23208.6 | 22181.1 | 25281.8 | 25126.9 | 24962.8 |
| 59°   | 21891.7 | 23908.0 | 26817.3 | 28047.6 | 27710.4 | 24418.3 | 23263.2 | 25887.8 | 25325.1 | 25079.0 |
| 60°   | 22374.7 | 24368.2 | 27038.3 | 28134.1 | 28056.7 | 25138.2 | 23949.0 | 26184.0 | 25322.8 | 24981.0 |
| 62.5° | 23807.7 | 25172.4 | 26954.0 | 27749.1 | 28052.1 | 26518.9 | 25960.7 | 26509.8 | 24853.5 | 24352.2 |
| 65°   | 24318.1 | 24905.9 | 25557.4 | 25459.5 | 25719.2 | 26448.2 | 27245.6 | 26152.1 | 23851.0 | 23137.9 |
| 67.5° | 23324.8 | 21982.9 | 22213.0 | 21559.1 | 21431.5 | 23513.8 | 26723.9 | 24402.4 | 21889.5 | 21016.9 |
| 70°   | 19661.3 | 16840.8 | 16724.7 | 17025.4 | 16200.7 | 19037.1 | 23996.8 | 21032.8 | 18652.1 | 17663.3 |
| 72.5° | 15476.2 | 11901.6 | 10921.9 | 12029.2 | 12004.1 | 14523.9 | 19934.7 | 14924.8 | 12601.0 | 12516.7 |
| 75°   | 12170.4 | 8286.0  | 7272.2  | 7452.2  | 7798.5  | 10514.1 | 15877.1 | 9477.5  | 7759.7  | 7071.7  |
| 77.5° | 8169.8  | 5871.1  | 5476.9  | 5255.9  | 5629.6  | 6750.5  | 10044.8 | 5139.7  | 4351.5  | 4121.4  |
| 80°   | 4709.1  | 4264.9  | 4843.6  | 4397.0  | 4597.5  | 4253.5  | 4996.2  | 2358.0  | 1957.0  | 2118.8  |
| 82.5° | 3064.3  | 2428.6  | 2588.1  | 1922.8  | 2629.1  | 2651.9  | 1603.9  | 697.1   | 590.1   | 626.5   |
| 85°   | 1916.0  | 1139.1  | 640.2   | 455.7   | 906.7   | 1667.7  | 501.2   | 43.3    | 50.1    | 43.3    |
| 87.5° | 496.7   | 189.1   | 79.7    | 118.5   | 145.8   | 129.9   | 116.2   | 6.8     | 2.3     | 4.6     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)