

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: P456148

Luminaire Tested: **GLAN-SA7B-827-U-SLL**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P456148  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA7B-827-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 80 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 25114 lumens  
Efficiency: N/A  
Efficacy: 87.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G4

Input Watts (W): 286  
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

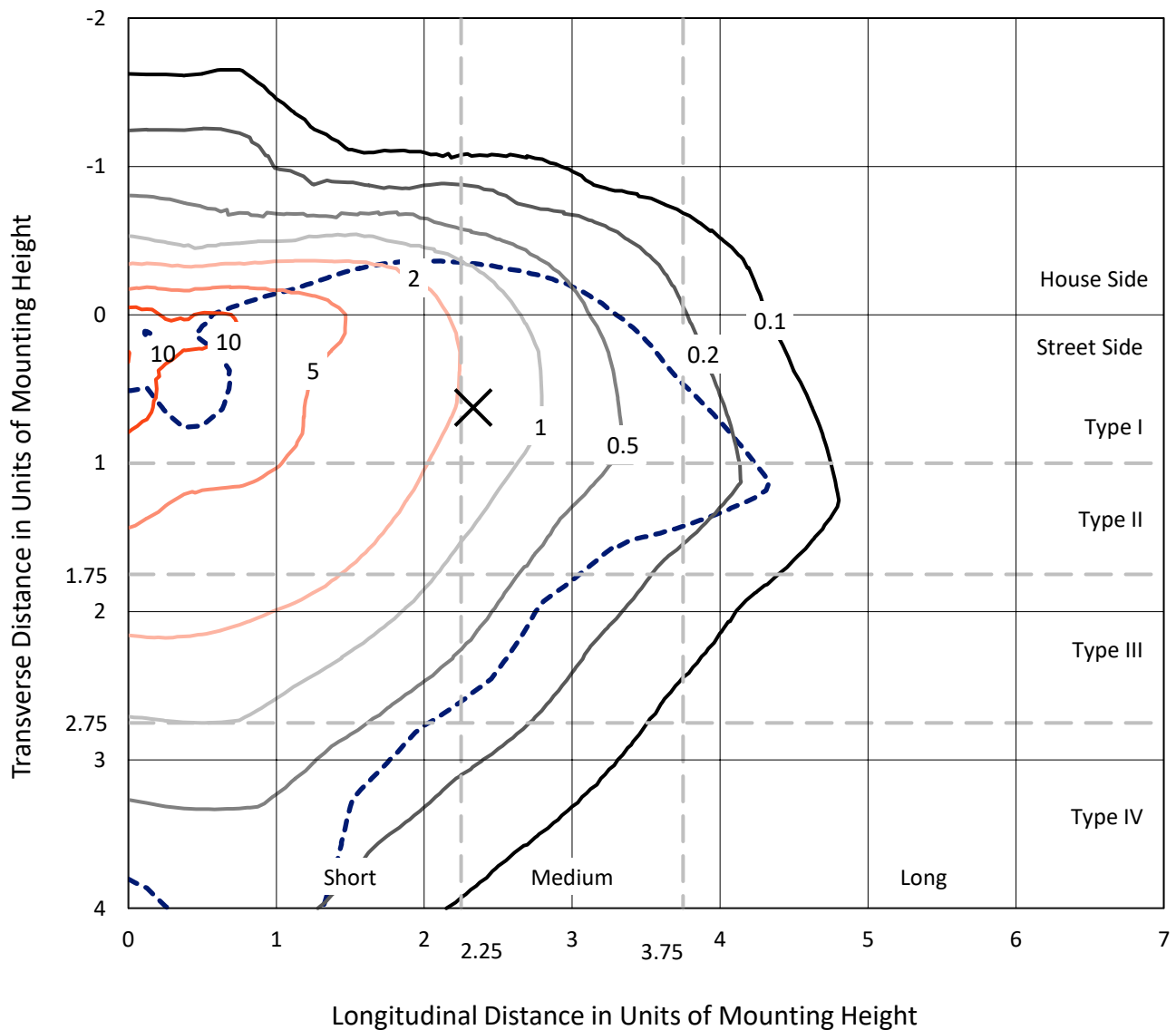


REPORT NUMBER: P456148

CATALOG NUMBER: GLAN-SA7B-827-U-SLL

## Iso-Footcandle Lines of Horizontal Illumination

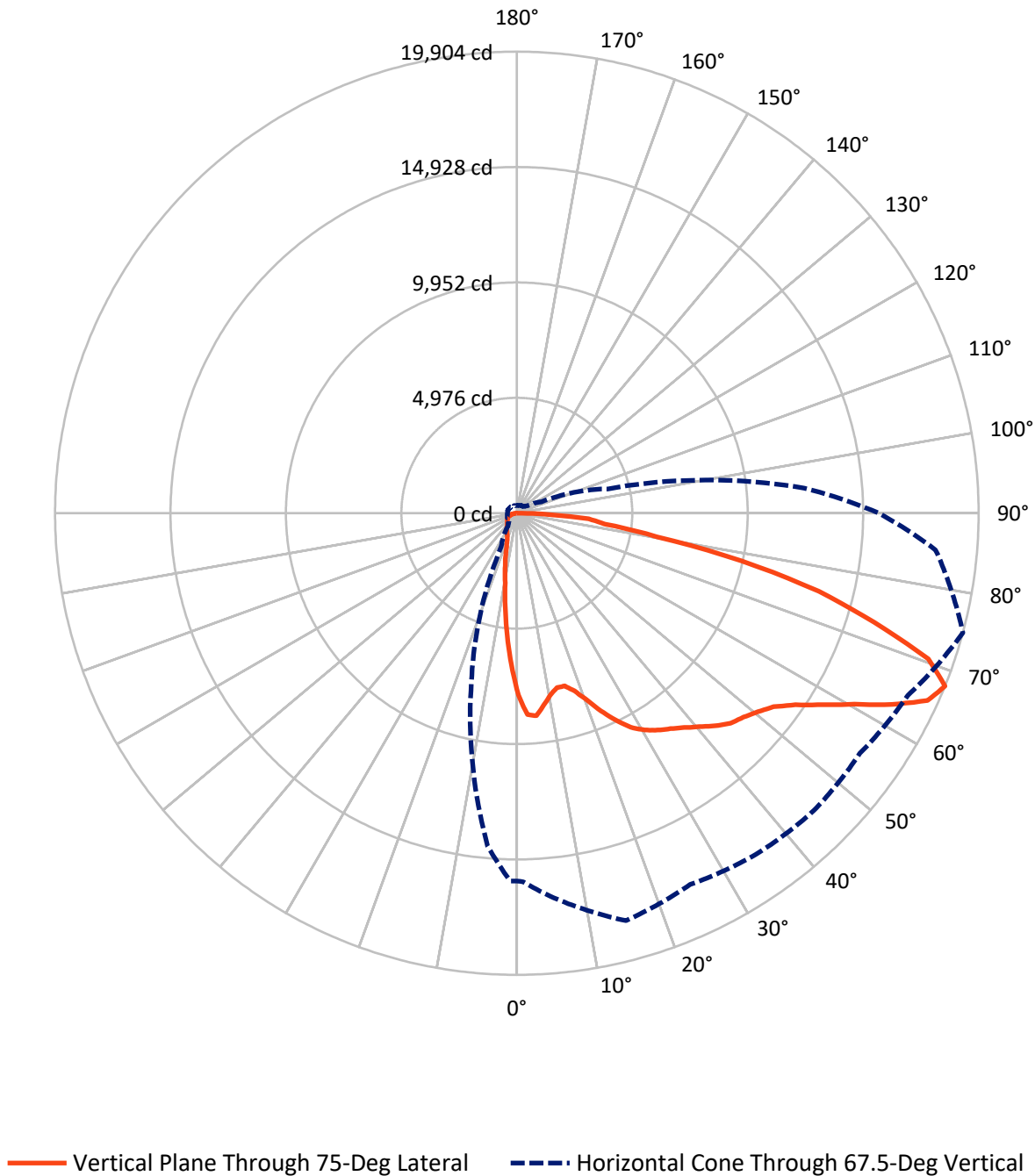
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.5 fc  
 Type III - Medium - N/A

REPORT NUMBER: P456148  
CATALOG NUMBER: GLAN-SA7B-827-U-SLL

## Luminous Intensity Polar Plot



REPORT NUMBER: P456148

CATALOG NUMBER: GLAN-SA7B-827-U-SLL

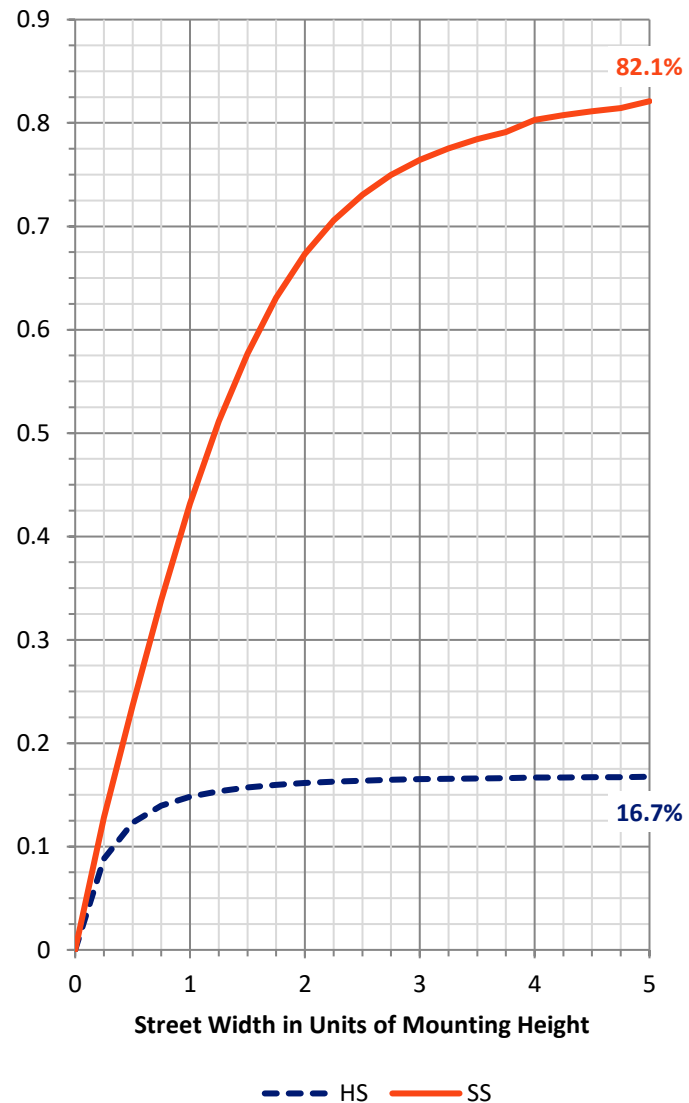
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4244.8   | 0.0    | 4244.8  |
|                    | % Fixture | 16.9     | 0.0    | 16.9    |
| <b>Street Side</b> | Lumens    | 20869.2  | 0.0    | 20869.2 |
|                    | % Fixture | 83.1     | 0.0    | 83.1    |
| <b>Total</b>       | Lumens    | 25114.0  | 0.0    | 25114.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 595.1   | 2.4       |
| 10°-20°   | 1241.1  | 4.9       |
| 20°-30°   | 1786.0  | 7.1       |
| 30°-40°   | 2572.3  | 10.2      |
| 40°-50°   | 3613.4  | 14.4      |
| 50°-60°   | 5039.5  | 20.1      |
| 60°-70°   | 5991.6  | 23.9      |
| 70°-80°   | 3528.7  | 14.1      |
| 80°-90°   | 746.2   | 3.0       |
| 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°    | 25114.0 | 100.0     |
| 0°-180°   | 25114.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P456148

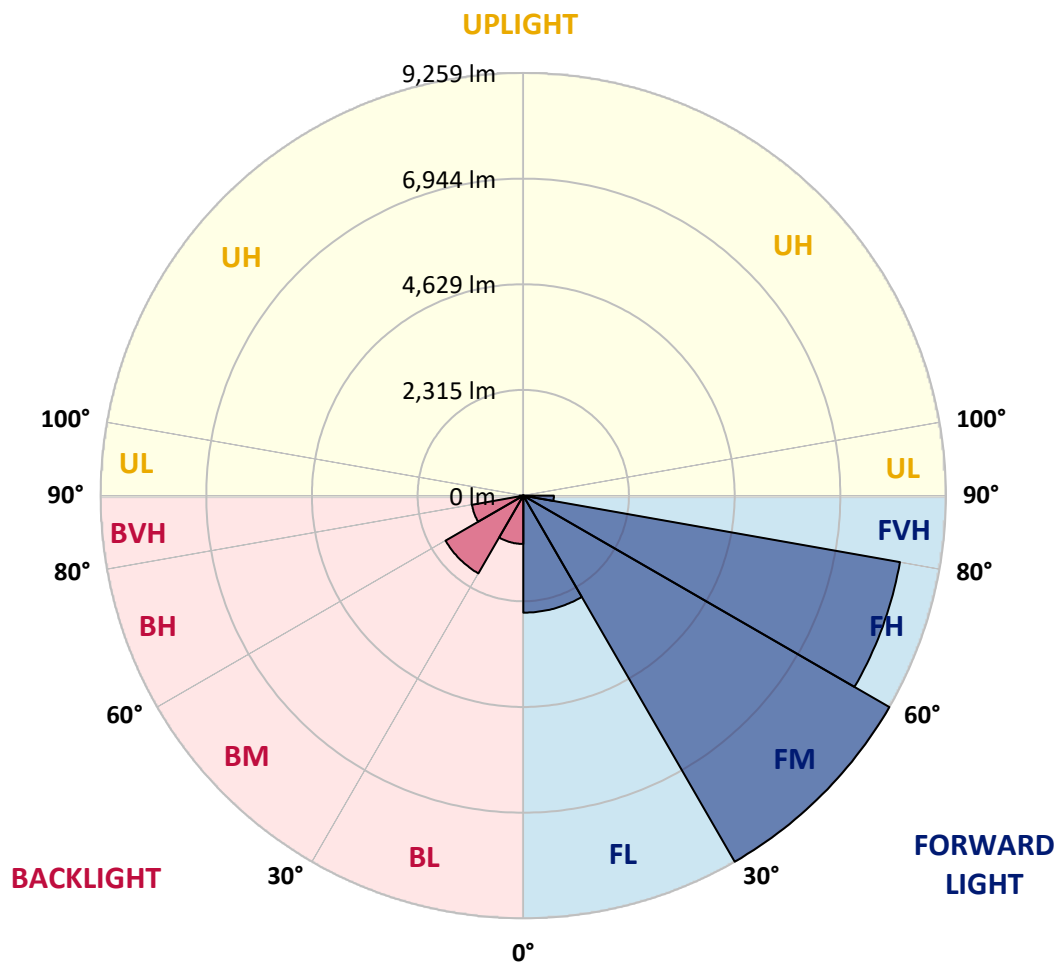
CATALOG NUMBER: GLAN-SA7B-827-U-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2563.5 | 10.2      |                         |      |          |
| FM   | (30°-60°)   | 9258.6 | 36.9      |                         |      |          |
| FH   | (60°-80°)   | 8378.1 | 33.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 669.0  | 2.7       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1058.8 | 4.2       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 1966.6 | 7.8       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 1142.2 | 4.5       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 77.2   | 0.3       |                         |      | 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 III Medium



REPORT NUMBER: P456148

CATALOG NUMBER: GLAN-SA7B-827-U-SLL

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  | 7846.2  |
| 2.5°  | 8459.8  | 8471.1  | 8543.5  | 8754.5  | 8899.5  | 8952.6  | 8989.6  | 8920.4  | 8852.8  | 8688.5  | 8440.5  |
| 5°    | 8434.0  | 8500.1  | 8688.5  | 9162.0  | 9535.6  | 9696.6  | 9745.0  | 9537.2  | 9194.2  | 8772.2  | 8264.9  |
| 7.5°  | 7941.2  | 8029.8  | 8319.7  | 9113.6  | 9772.3  | 10149.2 | 10099.3 | 9724.0  | 9105.6  | 8353.5  | 7644.9  |
| 10°   | 7356.6  | 7454.9  | 7804.3  | 8764.2  | 9612.9  | 10131.5 | 10131.5 | 9674.1  | 8852.8  | 7958.9  | 7142.4  |
| 12.5° | 6892.8  | 6995.9  | 7395.3  | 8405.0  | 9281.1  | 9772.3  | 9854.5  | 9461.5  | 8670.8  | 7709.3  | 6812.3  |
| 15°   | 6739.8  | 6839.7  | 7269.7  | 8187.6  | 8930.1  | 9229.6  | 9257.0  | 9128.1  | 8582.2  | 7727.0  | 6797.8  |
| 17.5° | 6929.9  | 7058.7  | 7493.5  | 8252.0  | 8608.0  | 8625.7  | 8646.6  | 8748.1  | 8591.9  | 8050.7  | 7090.9  |
| 20°   | 7479.0  | 7617.5  | 8071.7  | 8459.8  | 8326.1  | 8142.5  | 8153.8  | 8414.7  | 8706.2  | 8585.4  | 7791.5  |
| 22.5° | 8271.4  | 8392.2  | 8857.6  | 8825.4  | 8207.0  | 7828.5  | 7749.6  | 8113.5  | 8875.3  | 9252.1  | 8537.1  |
| 25°   | 9126.5  | 9268.3  | 9802.9  | 9368.1  | 8240.8  | 7641.7  | 7591.8  | 7936.4  | 9050.8  | 9875.4  | 9398.7  |
| 27.5° | 10105.7 | 10244.2 | 10666.1 | 9915.7  | 8417.9  | 7627.2  | 7567.6  | 7920.3  | 9208.7  | 10451.9 | 10221.7 |
| 30°   | 10833.6 | 10960.9 | 11247.5 | 10376.3 | 8635.3  | 7723.8  | 7649.7  | 8047.5  | 9343.9  | 10846.5 | 11023.7 |
| 32.5° | 11405.3 | 11537.4 | 11693.6 | 10662.9 | 8922.0  | 7899.4  | 7762.5  | 8279.4  | 9521.1  | 11147.7 | 11617.9 |
| 35°   | 12001.2 | 12157.4 | 12146.2 | 10917.4 | 9189.3  | 8102.3  | 7968.6  | 8614.4  | 9799.7  | 11410.2 | 12371.6 |
| 37.5° | 12756.5 | 12819.3 | 12738.8 | 11146.1 | 9509.8  | 8467.8  | 8393.8  | 9112.0  | 10195.9 | 11727.4 | 13252.6 |
| 40°   | 13523.1 | 13648.7 | 13234.8 | 11423.1 | 9899.6  | 9155.5  | 9147.5  | 9848.0  | 10666.1 | 12099.5 | 14106.1 |
| 42.5° | 14180.2 | 14286.5 | 13698.7 | 11664.6 | 10371.4 | 9994.6  | 10055.8 | 10835.2 | 11283.0 | 12531.1 | 14792.2 |
| 45°   | 14674.6 | 14769.6 | 14127.0 | 11898.1 | 10993.1 | 10964.1 | 11324.8 | 11893.3 | 12060.8 | 12919.2 | 15194.8 |
| 47.5° | 15094.9 | 15186.7 | 14425.0 | 12252.5 | 11761.3 | 12122.0 | 12750.1 | 12996.5 | 12725.9 | 13141.4 | 15645.7 |
| 50°   | 15449.2 | 15476.6 | 14629.5 | 12674.4 | 12714.7 | 13540.8 | 14149.6 | 14309.0 | 13383.0 | 13460.3 | 16037.1 |
| 52.5° | 15818.0 | 15782.6 | 14982.2 | 13205.9 | 13745.4 | 14887.2 | 15330.1 | 15495.9 | 14012.7 | 13853.3 | 16607.2 |
| 55°   | 16644.2 | 16678.0 | 15772.9 | 13875.8 | 14787.3 | 16209.4 | 16792.4 | 16632.9 | 14710.0 | 14576.4 | 17331.9 |
| 57.5° | 17642.7 | 17613.7 | 16885.8 | 14924.2 | 15848.6 | 17439.8 | 17874.6 | 17618.5 | 15640.9 | 15570.0 | 18066.2 |
| 60°   | 18030.8 | 18069.5 | 17816.6 | 16051.6 | 16895.4 | 18517.2 | 18961.7 | 18563.9 | 16756.9 | 16724.7 | 18620.2 |
| 62.5° | 17641.1 | 17858.5 | 18029.2 | 17054.9 | 17787.6 | 19309.5 | 19750.8 | 19296.6 | 17921.3 | 18154.8 | 19008.4 |
| 65°   | 16864.8 | 16911.5 | 17492.9 | 17905.2 | 18217.6 | 19440.0 | 19670.3 | 19428.7 | 18894.0 | 19457.7 | 18990.7 |
| 67.5° | 15856.7 | 15896.9 | 16578.2 | 18183.8 | 17663.6 | 17958.3 | 18119.4 | 18048.5 | 18592.9 | 19903.8 | 18116.2 |
| 70°   | 14896.8 | 14864.6 | 15584.5 | 17473.6 | 15376.8 | 14929.1 | 15062.7 | 14840.5 | 16043.5 | 18813.5 | 16401.0 |
| 72.5° | 13028.7 | 13144.7 | 13917.7 | 15499.2 | 12175.2 | 11447.2 | 11738.7 | 11163.8 | 12339.4 | 16112.7 | 13312.1 |
| 75°   | 10205.5 | 10232.9 | 11522.9 | 13007.8 | 9184.5  | 8036.2  | 8430.8  | 8190.8  | 9451.8  | 13441.0 | 9192.6  |
| 77.5° | 7066.7  | 7005.5  | 8392.2  | 9935.0  | 6549.8  | 5883.0  | 5889.5  | 5775.1  | 6599.7  | 9896.3  | 6245.4  |
| 80°   | 4488.4  | 4395.0  | 5253.4  | 6137.5  | 4501.3  | 4815.3  | 4657.5  | 4652.6  | 4296.7  | 6105.3  | 3776.6  |
| 82.5° | 2425.4  | 2528.4  | 3319.2  | 3847.4  | 3229.0  | 3721.8  | 3411.0  | 3311.1  | 2948.8  | 3821.6  | 2415.7  |
| 85°   | 1104.8  | 1201.4  | 1769.9  | 2617.0  | 2452.7  | 2480.1  | 1657.2  | 1955.1  | 2439.9  | 3103.4  | 1290.0  |
| 87.5° | 107.9   | 138.5   | 365.6   | 1235.2  | 837.4   | 660.3   | 246.4   | 475.1   | 613.6   | 1103.2  | 103.1   |
| 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: P456148

CATALOG NUMBER: GLAN-SA7B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7846.2  | 7846.2  | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 |
| 2.5°  | 8339.0  | 8255.3  | 7970.2 | 7735.1 | 7485.5 | 7295.4 | 7047.4 | 6881.5 | 6767.2 | 6594.9 | 6573.9 |
| 5°    | 7955.7  | 7751.2  | 7255.2 | 6749.5 | 6313.0 | 5984.5 | 5651.1 | 5345.1 | 5164.8 | 5108.4 | 5035.9 |
| 7.5°  | 7309.9  | 6965.3  | 6327.5 | 5747.8 | 5246.9 | 4757.3 | 4380.5 | 4113.1 | 3934.4 | 3829.7 | 3704.1 |
| 10°   | 6778.5  | 6379.1  | 5602.8 | 4892.6 | 4480.3 | 4175.9 | 3844.2 | 3557.5 | 3336.9 | 3148.5 | 3045.4 |
| 12.5° | 6420.9  | 5970.0  | 5097.1 | 4520.6 | 4201.7 | 3878.0 | 3489.9 | 3167.8 | 2842.5 | 2628.3 | 2536.5 |
| 15°   | 6313.0  | 5836.3  | 4940.9 | 4335.4 | 3878.0 | 3454.5 | 3019.6 | 2599.3 | 2277.2 | 2074.3 | 2006.6 |
| 17.5° | 6577.2  | 6000.6  | 4939.3 | 4089.0 | 3497.9 | 2992.3 | 2435.0 | 2040.5 | 1710.3 | 1558.9 | 1510.6 |
| 20°   | 7070.0  | 6316.3  | 4953.8 | 3845.8 | 3085.7 | 2373.8 | 1771.5 | 1447.8 | 1290.0 | 1225.6 | 1201.4 |
| 22.5° | 7757.6  | 6797.8  | 4997.3 | 3605.8 | 2634.7 | 1823.1 | 1327.0 | 1162.8 | 1106.4 | 1095.1 | 1090.3 |
| 25°   | 8604.7  | 7393.7  | 5143.8 | 3390.0 | 2254.7 | 1391.4 | 1109.6 | 1035.5 | 1003.3 | 992.0  | 990.4  |
| 27.5° | 9384.2  | 8163.5  | 5321.0 | 3204.8 | 1887.5 | 1199.8 | 1003.3 | 940.5  | 908.3  | 906.7  | 909.9  |
| 30°   | 10088.0 | 8807.7  | 5469.2 | 2997.1 | 1608.9 | 1066.1 | 934.1  | 871.3  | 840.7  | 839.1  | 848.7  |
| 32.5° | 10696.7 | 9337.5  | 5578.7 | 2792.6 | 1454.3 | 984.0  | 871.3  | 803.6  | 777.9  | 773.0  | 777.9  |
| 35°   | 11347.4 | 9865.7  | 5528.7 | 2633.1 | 1365.7 | 916.4  | 824.6  | 758.5  | 727.9  | 713.4  | 713.4  |
| 37.5° | 12089.8 | 10410.1 | 5443.4 | 2501.1 | 1325.4 | 860.0  | 784.3  | 719.9  | 689.3  | 674.8  | 673.2  |
| 40°   | 12899.9 | 10954.4 | 5325.8 | 2383.5 | 1285.2 | 826.2  | 756.9  | 689.3  | 652.2  | 637.7  | 634.5  |
| 42.5° | 13614.9 | 11419.8 | 5229.2 | 2306.2 | 1219.1 | 832.6  | 732.8  | 666.7  | 620.0  | 600.7  | 599.1  |
| 45°   | 14236.6 | 11888.5 | 5211.5 | 2261.1 | 1164.4 | 822.9  | 726.3  | 649.0  | 594.3  | 573.3  | 570.1  |
| 47.5° | 14722.9 | 12376.5 | 5312.9 | 2235.3 | 1104.8 | 771.4  | 768.2  | 637.7  | 571.7  | 549.2  | 545.9  |
| 50°   | 15315.6 | 13069.0 | 5544.8 | 2182.2 | 1050.0 | 723.1  | 811.7  | 636.1  | 554.0  | 525.0  | 517.0  |
| 52.5° | 16104.7 | 13970.8 | 5858.9 | 2087.2 | 971.1  | 678.0  | 774.6  | 636.1  | 533.1  | 504.1  | 494.4  |
| 55°   | 17298.1 | 15120.7 | 6166.5 | 1953.5 | 860.0  | 618.4  | 698.9  | 616.8  | 502.5  | 476.7  | 470.3  |
| 57.5° | 18088.8 | 15961.4 | 6363.0 | 1768.3 | 721.5  | 574.9  | 602.3  | 586.2  | 471.9  | 444.5  | 444.5  |
| 60°   | 18129.1 | 16186.8 | 6269.6 | 1534.8 | 634.5  | 534.7  | 523.4  | 591.0  | 444.5  | 415.5  | 412.3  |
| 62.5° | 17665.2 | 15634.4 | 5783.2 | 1325.4 | 587.8  | 491.2  | 473.5  | 518.6  | 417.1  | 388.1  | 383.3  |
| 65°   | 16940.5 | 14225.3 | 4939.3 | 1225.6 | 562.1  | 452.5  | 426.8  | 425.2  | 388.1  | 360.7  | 354.3  |
| 67.5° | 15608.7 | 12431.2 | 4058.4 | 1167.6 | 549.2  | 409.1  | 384.9  | 376.8  | 354.3  | 331.8  | 328.5  |
| 70°   | 13645.5 | 10411.7 | 3254.8 | 1143.4 | 542.7  | 364.0  | 344.6  | 335.0  | 315.7  | 297.9  | 296.3  |
| 72.5° | 10616.2 | 8445.3  | 2686.3 | 1127.3 | 539.5  | 322.1  | 301.2  | 288.3  | 277.0  | 260.9  | 260.9  |
| 75°   | 7625.6  | 6213.2  | 2050.1 | 1016.2 | 499.2  | 277.0  | 254.5  | 246.4  | 230.3  | 217.4  | 220.6  |
| 77.5° | 4807.3  | 4184.0  | 1349.6 | 747.3  | 386.5  | 222.2  | 202.9  | 198.1  | 185.2  | 167.5  | 178.8  |
| 80°   | 3246.7  | 2942.3  | 787.5  | 470.3  | 243.2  | 162.7  | 156.2  | 154.6  | 140.1  | 120.8  | 122.4  |
| 82.5° | 2209.6  | 2167.7  | 409.1  | 267.3  | 140.1  | 95.0   | 91.8   | 95.0   | 78.9   | 64.4   | 64.4   |
| 85°   | 863.2   | 1178.9  | 193.3  | 104.7  | 45.1   | 14.5   | 20.9   | 22.5   | 12.9   | 6.4    | 8.1    |
| 87.5° | 16.1    | 120.8   | 4.8    | 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: P456148

CATALOG NUMBER: GLAN-SA7B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 |
| 2.5°  | 6541.7 | 6527.2 | 6551.4 | 6448.3 | 6469.3 | 6507.9 | 6527.2 | 6538.5 | 6697.9 | 6660.9 | 6762.4 |
| 5°    | 5103.6 | 5089.1 | 5182.5 | 5195.4 | 5243.7 | 5234.0 | 5280.7 | 5292.0 | 5350.0 | 5370.9 | 5512.6 |
| 7.5°  | 3712.1 | 3774.9 | 3881.2 | 3936.0 | 4018.1 | 4043.9 | 4019.7 | 4079.3 | 3958.5 | 4045.5 | 4071.3 |
| 10°   | 2982.6 | 2906.9 | 2861.8 | 2987.4 | 3003.5 | 3122.7 | 3074.4 | 3035.7 | 3106.6 | 3109.8 | 3177.5 |
| 12.5° | 2483.3 | 2320.7 | 2212.8 | 2248.2 | 2286.9 | 2338.4 | 2346.5 | 2423.8 | 2475.3 | 2523.6 | 2563.9 |
| 15°   | 1947.1 | 1890.7 | 1792.5 | 1744.1 | 1798.9 | 1819.8 | 1869.8 | 1934.2 | 1988.9 | 2003.4 | 2058.2 |
| 17.5° | 1494.5 | 1504.2 | 1488.1 | 1459.1 | 1492.9 | 1509.0 | 1512.2 | 1513.8 | 1528.3 | 1518.7 | 1599.2 |
| 20°   | 1203.0 | 1236.8 | 1277.1 | 1283.5 | 1294.8 | 1302.9 | 1288.4 | 1233.6 | 1235.2 | 1269.1 | 1294.8 |
| 22.5° | 1088.7 | 1095.1 | 1140.2 | 1154.7 | 1190.1 | 1175.6 | 1133.8 | 1108.0 | 1104.8 | 1112.8 | 1125.7 |
| 25°   | 998.5  | 1008.2 | 1040.4 | 1062.9 | 1090.3 | 1064.5 | 1033.9 | 1009.8 | 1006.5 | 1014.6 | 1027.5 |
| 27.5° | 918.0  | 932.5  | 961.5  | 984.0  | 1009.8 | 985.6  | 956.6  | 935.7  | 934.1  | 932.5  | 940.5  |
| 30°   | 853.5  | 869.7  | 890.6  | 916.4  | 934.1  | 913.1  | 885.8  | 874.5  | 872.9  | 869.7  | 872.9  |
| 32.5° | 789.1  | 814.9  | 835.8  | 848.7  | 866.4  | 850.3  | 829.4  | 822.9  | 811.7  | 802.0  | 797.2  |
| 35°   | 716.7  | 744.0  | 776.2  | 792.4  | 810.1  | 794.0  | 779.5  | 752.1  | 732.8  | 731.2  | 734.4  |
| 37.5° | 674.8  | 686.1  | 711.8  | 739.2  | 756.9  | 748.9  | 721.5  | 694.1  | 689.3  | 689.3  | 692.5  |
| 40°   | 637.7  | 642.6  | 653.9  | 689.3  | 721.5  | 697.3  | 663.5  | 655.5  | 655.5  | 653.9  | 655.5  |
| 42.5° | 600.7  | 605.5  | 605.5  | 632.9  | 684.4  | 645.8  | 620.0  | 620.0  | 620.0  | 621.6  | 626.5  |
| 45°   | 566.9  | 568.5  | 566.9  | 586.2  | 634.5  | 602.3  | 584.6  | 589.4  | 592.7  | 595.9  | 599.1  |
| 47.5° | 537.9  | 539.5  | 537.9  | 554.0  | 578.2  | 565.3  | 555.6  | 562.1  | 568.5  | 573.3  | 576.5  |
| 50°   | 512.1  | 510.5  | 513.7  | 523.4  | 534.7  | 537.9  | 531.5  | 541.1  | 544.3  | 550.8  | 558.8  |
| 52.5° | 489.6  | 488.0  | 491.2  | 496.0  | 512.1  | 512.1  | 512.1  | 520.2  | 526.6  | 533.1  | 544.3  |
| 55°   | 463.8  | 465.4  | 470.3  | 476.7  | 497.6  | 494.4  | 496.0  | 502.5  | 508.9  | 518.6  | 525.0  |
| 57.5° | 439.7  | 442.9  | 449.3  | 459.0  | 479.9  | 478.3  | 479.9  | 483.1  | 491.2  | 496.0  | 502.5  |
| 60°   | 412.3  | 418.7  | 426.8  | 433.2  | 454.2  | 452.5  | 460.6  | 467.0  | 471.9  | 471.9  | 475.1  |
| 62.5° | 384.9  | 394.6  | 402.6  | 407.4  | 430.0  | 431.6  | 442.9  | 447.7  | 450.9  | 447.7  | 452.5  |
| 65°   | 357.5  | 372.0  | 375.2  | 381.7  | 404.2  | 405.8  | 418.7  | 430.0  | 426.8  | 423.6  | 431.6  |
| 67.5° | 330.1  | 347.9  | 346.3  | 354.3  | 376.8  | 380.1  | 391.3  | 410.7  | 404.2  | 401.0  | 407.4  |
| 70°   | 299.5  | 312.4  | 314.0  | 318.9  | 349.5  | 344.6  | 362.4  | 380.1  | 375.2  | 376.8  | 376.8  |
| 72.5° | 265.7  | 277.0  | 277.0  | 286.7  | 318.9  | 310.8  | 325.3  | 344.6  | 344.6  | 343.0  | 343.0  |
| 75°   | 225.5  | 231.9  | 238.3  | 252.8  | 286.7  | 277.0  | 286.7  | 304.4  | 307.6  | 304.4  | 304.4  |
| 77.5° | 182.0  | 191.6  | 194.9  | 214.2  | 238.3  | 236.7  | 246.4  | 254.5  | 260.9  | 257.7  | 257.7  |
| 80°   | 128.8  | 138.5  | 151.4  | 172.3  | 186.8  | 191.6  | 196.5  | 202.9  | 206.1  | 206.1  | 209.4  |
| 82.5° | 72.5   | 87.0   | 98.2   | 119.2  | 125.6  | 149.8  | 148.2  | 153.0  | 148.2  | 130.4  | 144.9  |
| 85°   | 16.1   | 30.6   | 43.5   | 54.8   | 62.8   | 87.0   | 91.8   | 103.1  | 85.4   | 78.9   | 78.9   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 12.9   | 25.8   | 35.4   | 30.6   | 25.8   | 25.8   |
| 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: P456148

CATALOG NUMBER: GLAN-SA7B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2 | 7846.2  | 7846.2  | 7846.2  |
| 2.5°  | 6847.7 | 6987.8 | 7156.9 | 7448.4 | 7653.0 | 7873.6 | 8095.8 | 8332.6  | 8395.4  | 8459.8  |
| 5°    | 5551.3 | 5826.7 | 5976.5 | 6367.8 | 6778.5 | 7300.3 | 7727.0 | 8194.1  | 8388.9  | 8434.0  |
| 7.5°  | 4204.9 | 4391.8 | 4784.7 | 5180.9 | 5689.8 | 6237.3 | 6891.2 | 7619.1  | 7846.2  | 7941.2  |
| 10°   | 3333.7 | 3588.1 | 3932.8 | 4357.9 | 4804.0 | 5393.5 | 6131.1 | 6981.4  | 7303.5  | 7356.6  |
| 12.5° | 2837.6 | 3121.1 | 3496.3 | 3945.7 | 4367.6 | 4812.1 | 5556.1 | 6433.8  | 6778.5  | 6892.8  |
| 15°   | 2269.2 | 2612.2 | 3045.4 | 3518.9 | 3977.9 | 4464.2 | 5217.9 | 6208.4  | 6606.1  | 6739.8  |
| 17.5° | 1782.8 | 2059.8 | 2528.4 | 3042.2 | 3586.5 | 4201.7 | 5147.1 | 6316.3  | 6805.8  | 6929.9  |
| 20°   | 1364.1 | 1562.2 | 1956.7 | 2499.4 | 3137.2 | 3942.4 | 5164.8 | 6723.7  | 7309.9  | 7479.0  |
| 22.5° | 1178.9 | 1280.3 | 1520.3 | 2037.2 | 2750.7 | 3717.0 | 5237.2 | 7282.5  | 7989.5  | 8271.4  |
| 25°   | 1067.7 | 1120.9 | 1256.2 | 1594.4 | 2381.9 | 3497.9 | 5403.1 | 8034.6  | 8939.7  | 9126.5  |
| 27.5° | 972.7  | 1011.4 | 1095.1 | 1338.3 | 2046.9 | 3295.0 | 5596.4 | 8868.9  | 9827.1  | 10105.7 |
| 30°   | 882.5  | 934.1  | 1013.0 | 1188.5 | 1832.7 | 3109.8 | 5839.6 | 9545.3  | 10574.3 | 10833.6 |
| 32.5° | 813.3  | 864.8  | 937.3  | 1083.8 | 1650.7 | 2914.9 | 5984.5 | 10139.5 | 11184.7 | 11405.3 |
| 35°   | 756.9  | 800.4  | 876.1  | 1000.1 | 1512.2 | 2766.8 | 5955.5 | 10611.4 | 11775.8 | 12001.2 |
| 37.5° | 716.7  | 753.7  | 829.4  | 921.2  | 1407.6 | 2612.2 | 5941.0 | 11234.6 | 12495.6 | 12756.5 |
| 40°   | 679.6  | 718.3  | 787.5  | 869.7  | 1302.9 | 2430.2 | 5949.1 | 11853.1 | 13262.2 | 13523.1 |
| 42.5° | 650.6  | 694.1  | 750.5  | 855.2  | 1195.0 | 2283.6 | 5949.1 | 12391.0 | 13929.0 | 14180.2 |
| 45°   | 626.5  | 673.2  | 727.9  | 853.5  | 1109.6 | 2172.5 | 5908.8 | 12853.2 | 14460.4 | 14674.6 |
| 47.5° | 605.5  | 657.1  | 736.0  | 824.6  | 1088.7 | 2092.0 | 5873.4 | 13223.6 | 14893.6 | 15094.9 |
| 50°   | 591.0  | 652.2  | 782.7  | 790.7  | 1095.1 | 2067.8 | 6044.1 | 13690.6 | 15275.3 | 15449.2 |
| 52.5° | 579.8  | 653.9  | 781.1  | 740.8  | 1083.8 | 2083.9 | 6400.0 | 14420.1 | 15805.1 | 15818.0 |
| 55°   | 557.2  | 652.2  | 740.8  | 684.4  | 1037.1 | 2111.3 | 6857.4 | 15479.8 | 16634.5 | 16644.2 |
| 57.5° | 534.7  | 634.5  | 687.7  | 636.1  | 942.1  | 2111.3 | 7408.2 | 16483.2 | 17634.6 | 17642.7 |
| 60°   | 512.1  | 660.3  | 603.9  | 594.3  | 818.1  | 2072.7 | 7989.5 | 16924.4 | 17948.7 | 18030.8 |
| 62.5° | 489.6  | 665.1  | 539.5  | 557.2  | 727.9  | 1979.3 | 8422.8 | 16436.5 | 17523.5 | 17641.1 |
| 65°   | 463.8  | 536.3  | 497.6  | 518.6  | 681.2  | 1823.1 | 8285.9 | 15542.6 | 16724.7 | 16864.8 |
| 67.5° | 433.2  | 454.2  | 452.5  | 478.3  | 665.1  | 1592.8 | 7564.4 | 14412.1 | 15864.7 | 15856.7 |
| 70°   | 396.2  | 407.4  | 412.3  | 439.7  | 634.5  | 1414.0 | 6303.4 | 12945.0 | 14716.5 | 14896.8 |
| 72.5° | 357.5  | 367.2  | 372.0  | 396.2  | 603.9  | 1312.5 | 4892.6 | 10923.8 | 12746.9 | 13028.7 |
| 75°   | 315.7  | 322.1  | 328.5  | 349.5  | 571.7  | 1162.8 | 3485.1 | 8339.0  | 9762.7  | 10205.5 |
| 77.5° | 272.2  | 272.2  | 280.2  | 301.2  | 481.5  | 959.8  | 2338.4 | 5849.2  | 6614.2  | 7066.7  |
| 80°   | 220.6  | 222.2  | 219.0  | 241.6  | 354.3  | 657.1  | 1328.6 | 3907.0  | 4401.4  | 4488.4  |
| 82.5° | 169.1  | 164.3  | 165.9  | 177.2  | 264.1  | 447.7  | 708.6  | 2427.0  | 2473.7  | 2425.4  |
| 85°   | 106.3  | 106.3  | 103.1  | 116.0  | 169.1  | 233.5  | 386.5  | 1486.5  | 1161.1  | 1104.8  |
| 87.5° | 43.5   | 35.4   | 40.3   | 46.7   | 80.5   | 95.0   | 151.4  | 306.0   | 117.6   | 107.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

(END OF REPORT)