

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: P534372

Luminaire Tested: **GLAN-SA9D-760-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P534372  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA9D-760-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 5700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 52230 lumens  
Efficiency: N/A  
Efficacy: 94.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B5 - U0 - G4

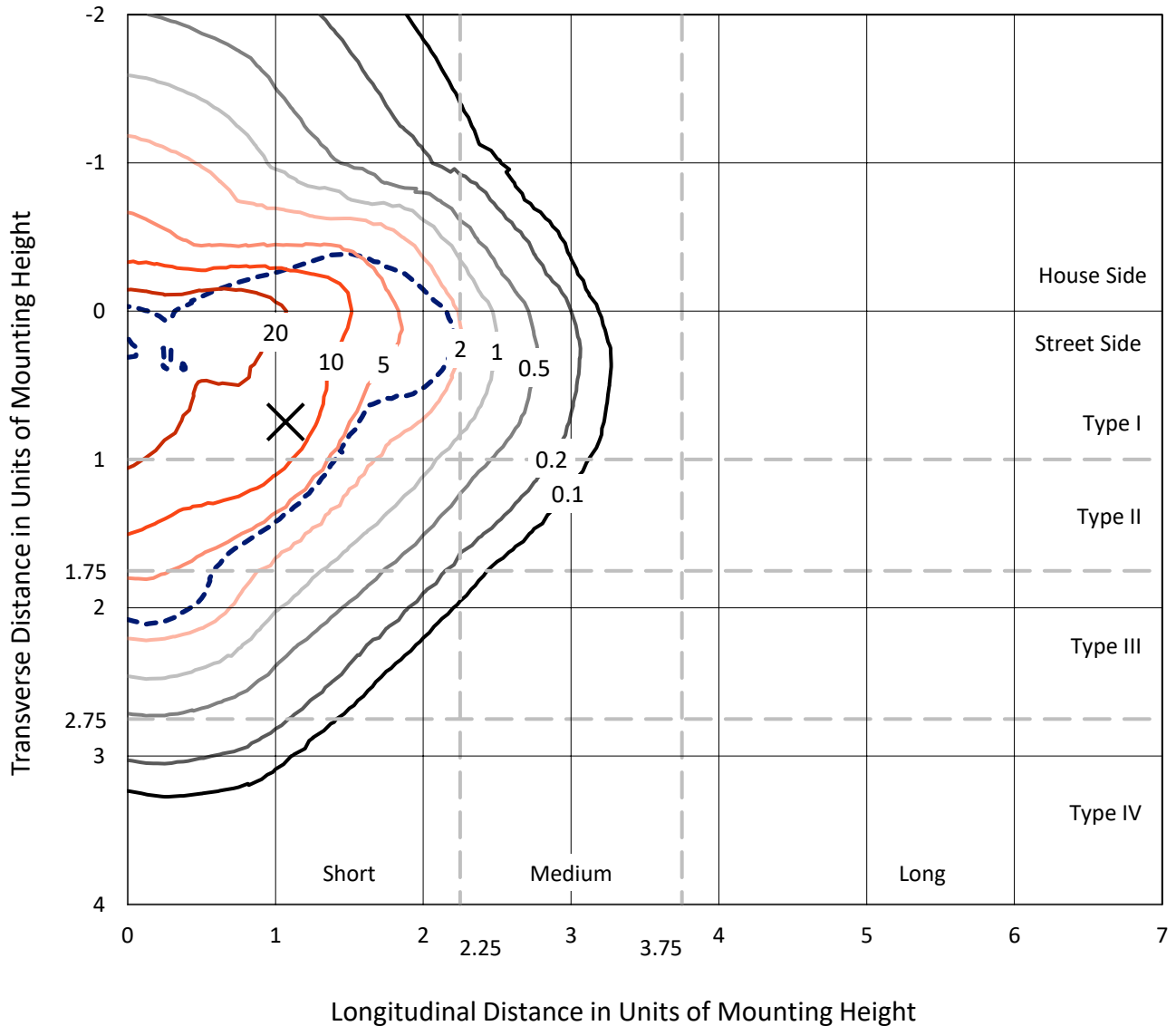
Input Watts (W): 552  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

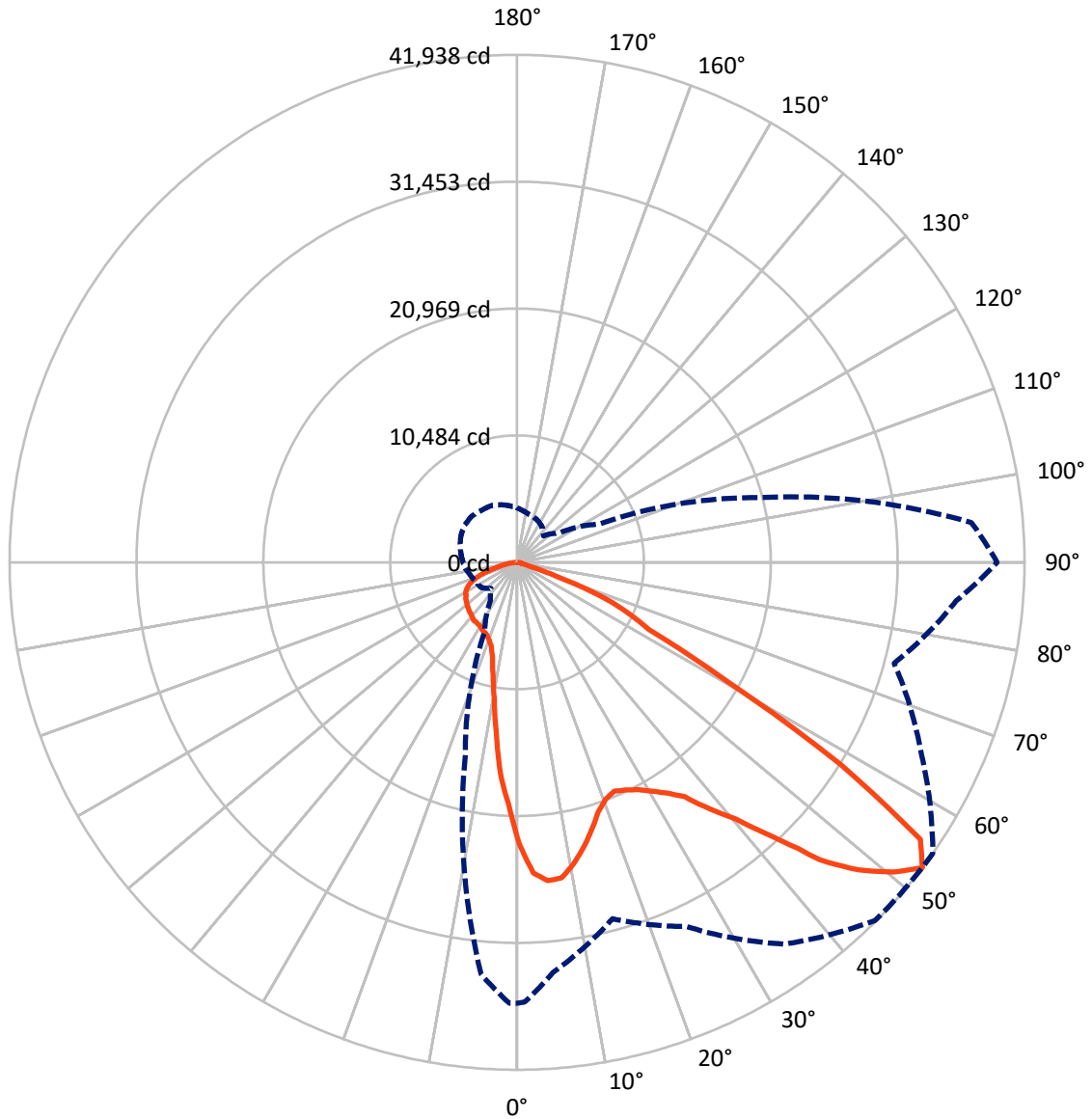
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 39.6 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral      - - - Horizontal Cone Through 52.5-Deg Vertical

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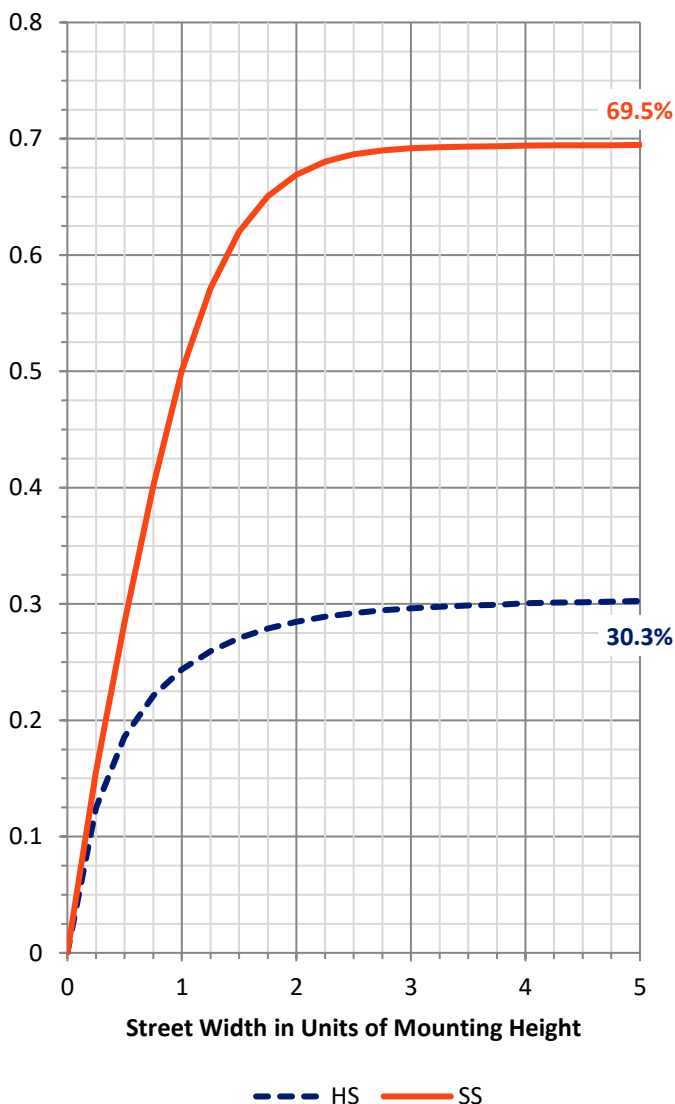
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 15933.0  | 0.0    | 15933.0 |
|                    | % Fixture | 30.5     | 0.0    | 30.5    |
| <b>Street Side</b> | Lumens    | 36297.0  | 0.0    | 36297.0 |
|                    | % Fixture | 69.5     | 0.0    | 69.5    |
| <b>Total</b>       | Lumens    | 52230.0  | 0.0    | 52230.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1780.0  | 3.4       |
| 10°-20°   | 3837.8  | 7.3       |
| 20°-30°   | 5819.4  | 11.1      |
| 30°-40°   | 8408.2  | 16.1      |
| 40°-50°   | 11235.6 | 21.5      |
| 50°-60°   | 12541.4 | 24.0      |
| 60°-70°   | 6879.5  | 13.2      |
| 70°-80°   | 1487.3  | 2.8       |
| 80°-90°   | 240.6   | 0.5       |
| 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°    | 52230.0 | 100.0     |
| 0°-180°   | 52230.0 | 100.0     |

**Coefficient of Utilization**

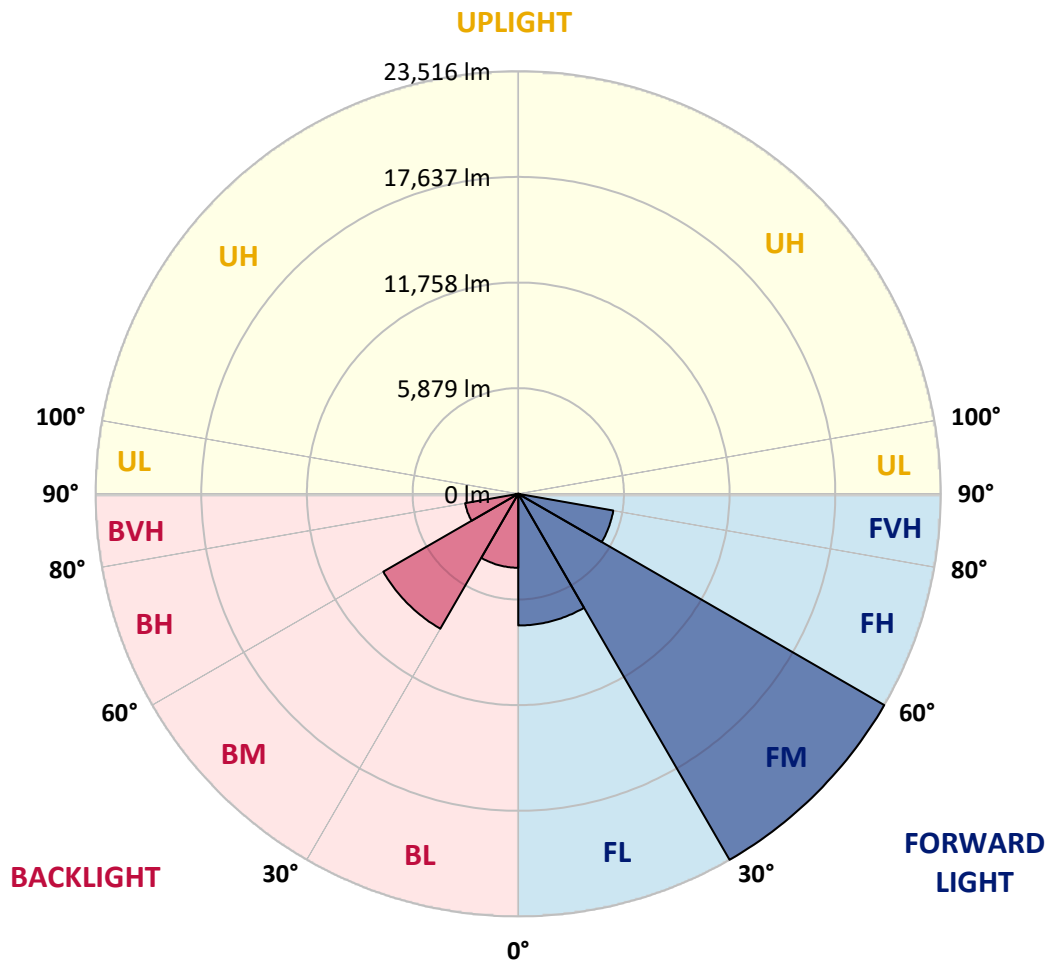


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 7323.6  | 14.0      |                         |      |         |
| FM (30°-60°)   | 23516.4 | 45.0      |                         |      |         |
| FH (60°-80°)   | 5367.9  | 10.3      |                         |      | G3/7500 |
| FVH (80°-90°)  | 89.1    | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 4113.7  | 7.9       | B4/5000                 |      |         |
| BM (30°-60°)   | 8668.8  | 16.6      | B5                      |      |         |
| BH (60°-80°)   | 2999.0  | 5.7       | B4/5000                 |      | G4/5000 |
| BVH (80°-90°)  | 151.5   | 0.3       |                         |      | G2/225  |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B5-U0-G4**  
 Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 |
| 2.5°  | 24450.2 | 24312.9 | 24435.0 | 25014.6 | 25350.1 | 25578.9 | 25723.8 | 25700.9 | 25151.8 | 24618.0 | 24618.0 |
| 5°    | 23733.3 | 23557.9 | 23809.6 | 25121.3 | 26440.7 | 26555.1 | 26745.7 | 26433.1 | 25624.7 | 24648.5 | 23428.3 |
| 7.5°  | 21658.9 | 21788.6 | 22208.0 | 23931.6 | 25647.5 | 26509.3 | 26738.1 | 26341.5 | 25029.8 | 23207.1 | 21414.9 |
| 10°   | 19866.7 | 20171.8 | 21140.4 | 23001.2 | 24579.9 | 25700.9 | 25952.6 | 25395.9 | 24358.7 | 22124.2 | 20522.6 |
| 12.5° | 19249.0 | 19058.3 | 20133.7 | 21994.5 | 23504.5 | 24107.0 | 24221.4 | 24259.5 | 23557.9 | 21575.1 | 19622.7 |
| 15°   | 19172.7 | 19294.8 | 20133.7 | 21544.6 | 22475.0 | 22505.5 | 22696.1 | 22993.6 | 23085.1 | 21948.7 | 20042.2 |
| 17.5° | 20270.9 | 20126.0 | 20987.8 | 22108.9 | 21666.6 | 21224.2 | 21270.0 | 21697.1 | 22452.1 | 22269.1 | 21361.5 |
| 20°   | 21895.4 | 22223.3 | 22902.0 | 22787.7 | 21597.9 | 20476.9 | 20484.5 | 20888.7 | 22375.8 | 23596.0 | 23199.5 |
| 22.5° | 24595.1 | 24915.4 | 25418.8 | 24038.4 | 21597.9 | 20255.7 | 19996.4 | 20545.5 | 22863.9 | 25174.7 | 25273.9 |
| 25°   | 27058.4 | 27645.7 | 27782.9 | 26158.5 | 22680.9 | 20461.6 | 20293.8 | 20835.3 | 23352.0 | 26715.2 | 27653.3 |
| 27.5° | 29300.6 | 29514.1 | 30116.6 | 27523.6 | 23283.4 | 20598.9 | 20583.6 | 21277.6 | 23969.7 | 27485.5 | 29781.1 |
| 30°   | 31069.9 | 31047.0 | 31390.2 | 28385.4 | 24244.3 | 21369.1 | 20629.4 | 21941.1 | 24778.1 | 28759.1 | 31748.7 |
| 32.5° | 32274.9 | 32534.2 | 33258.7 | 29582.8 | 24648.5 | 22101.3 | 21521.7 | 22719.0 | 25761.9 | 29361.6 | 33136.7 |
| 35°   | 34395.0 | 34845.0 | 33929.8 | 30246.3 | 25929.7 | 22825.8 | 22147.0 | 23779.1 | 26250.0 | 30017.5 | 34837.3 |
| 37.5° | 36393.1 | 36049.9 | 35119.5 | 30604.7 | 26761.0 | 24168.0 | 23535.0 | 25830.6 | 27767.7 | 31443.6 | 35966.1 |
| 40°   | 37674.4 | 37666.7 | 36011.8 | 30894.5 | 27348.2 | 26219.5 | 26181.4 | 27912.6 | 29628.5 | 32343.5 | 37232.0 |
| 42.5° | 38231.1 | 38764.9 | 36377.9 | 30864.0 | 28583.7 | 28705.7 | 29476.0 | 31024.2 | 30947.9 | 32526.6 | 37201.5 |
| 44°   | 38993.7 | 39314.0 | 37010.9 | 30932.6 | 29407.4 | 30383.5 | 32198.6 | 33182.4 | 32099.5 | 32427.4 | 37163.4 |
| 45°   | 38963.2 | 38986.1 | 36111.0 | 31024.2 | 30109.0 | 31786.8 | 33411.2 | 35073.8 | 33113.8 | 32213.9 | 37666.7 |
| 47.5° | 38070.9 | 37811.6 | 35348.3 | 30345.4 | 32297.8 | 35493.2 | 36995.6 | 38002.3 | 34364.5 | 31756.3 | 37041.4 |
| 50°   | 36309.2 | 36011.8 | 33495.1 | 30055.6 | 32755.3 | 37796.4 | 39870.8 | 40236.8 | 35500.8 | 31306.3 | 36423.6 |
| 52.5° | 36431.3 | 36347.4 | 34021.3 | 30490.3 | 33212.9 | 38520.9 | 41846.0 | 41937.5 | 36789.7 | 32252.0 | 36431.3 |
| 55°   | 38612.4 | 38322.6 | 35531.3 | 31031.8 | 32877.4 | 37674.4 | 40587.6 | 40427.5 | 36355.0 | 31680.0 | 37102.4 |
| 57.5° | 35333.1 | 35523.7 | 33441.7 | 28888.8 | 28774.4 | 30627.6 | 31908.8 | 31512.2 | 30337.8 | 28591.3 | 34517.0 |
| 60°   | 28507.4 | 29048.9 | 29247.2 | 24160.4 | 21712.3 | 20759.0 | 20377.7 | 19676.1 | 19874.4 | 23489.3 | 30322.5 |
| 62.5° | 24450.2 | 24419.7 | 25662.8 | 21903.0 | 14223.2 | 12232.7 | 12049.7 | 12209.8 | 14497.8 | 23123.2 | 29697.2 |
| 65°   | 19386.3 | 19904.9 | 20286.2 | 18562.6 | 11256.6 | 9083.0  | 9075.4  | 10089.7 | 12545.4 | 19325.3 | 23977.4 |
| 67.5° | 12309.0 | 12987.7 | 13460.6 | 11874.3 | 7527.2  | 6467.2  | 6291.8  | 7512.0  | 8694.1  | 12675.1 | 14436.8 |
| 70°   | 6940.0  | 7260.3  | 7473.9  | 6848.5  | 4789.4  | 3355.6  | 3157.3  | 3447.1  | 5254.6  | 8206.0  | 8556.8  |
| 72.5° | 2676.9  | 2821.8  | 3111.6  | 3134.4  | 1807.5  | 1082.9  | 877.0   | 1052.4  | 2211.7  | 3248.8  | 3096.3  |
| 75°   | 411.8   | 442.3   | 625.4   | 747.4   | 518.6   | 396.6   | 419.5   | 434.7   | 617.7   | 838.9   | 701.6   |
| 77.5° | 198.3   | 198.3   | 190.7   | 221.2   | 259.3   | 282.2   | 305.1   | 335.6   | 366.1   | 404.2   | 388.9   |
| 80°   | 129.6   | 129.6   | 129.6   | 152.5   | 190.7   | 228.8   | 259.3   | 274.6   | 289.8   | 320.3   | 305.1   |
| 82.5° | 83.9    | 83.9    | 83.9    | 114.4   | 152.5   | 190.7   | 205.9   | 244.0   | 274.6   | 320.3   | 297.4   |
| 85°   | 45.8    | 45.8    | 45.8    | 76.3    | 114.4   | 160.2   | 152.5   | 122.0   | 68.6    | 7.6     | 15.3    |
| 87.5° | 15.3    | 15.3    | 15.3    | 15.3    | 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°    | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 |
| 2.5°  | 23977.4 | 23626.6 | 23596.0 | 22879.2 | 22238.6 | 21925.9 | 21674.2 | 20972.6 | 21125.1 | 20720.9 | 20713.3 |
| 5°    | 22818.2 | 22101.3 | 20942.1 | 19988.8 | 19035.5 | 18844.8 | 18013.5 | 17289.0 | 17311.9 | 16793.3 | 16884.8 |
| 7.5°  | 20736.2 | 20240.4 | 18829.6 | 17334.8 | 16068.8 | 15168.9 | 14383.4 | 13910.5 | 13308.0 | 13102.1 | 12995.4 |
| 10°   | 19416.8 | 18806.7 | 17220.4 | 15344.3 | 13925.8 | 13445.3 | 12690.3 | 12270.9 | 11653.1 | 11348.1 | 11134.5 |
| 12.5° | 18837.2 | 17944.9 | 15962.0 | 14055.4 | 13109.8 | 12614.0 | 11973.4 | 11210.8 | 10478.7 | 10196.5 | 9807.5  |
| 15°   | 18898.2 | 17830.5 | 15596.0 | 13536.8 | 12400.5 | 11439.6 | 10867.6 | 10021.1 | 9273.7  | 8778.0  | 8495.8  |
| 17.5° | 19821.0 | 18524.5 | 15763.7 | 13140.3 | 11508.2 | 10303.3 | 9182.2  | 8267.0  | 7672.1  | 7298.5  | 7206.9  |
| 20°   | 22002.1 | 20240.4 | 16045.9 | 12499.7 | 10615.9 | 9113.5  | 7733.2  | 6779.9  | 6322.3  | 6314.7  | 6322.3  |
| 22.5° | 23817.2 | 22070.8 | 16617.9 | 12118.3 | 9723.6  | 7588.3  | 6215.5  | 5910.5  | 5818.9  | 6009.6  | 6032.5  |
| 25°   | 26265.3 | 24129.9 | 17601.7 | 11920.0 | 8900.0  | 6467.2  | 5620.6  | 5506.3  | 5498.6  | 5742.7  | 5750.3  |
| 27.5° | 28774.4 | 25929.7 | 18188.9 | 11340.4 | 8061.1  | 5887.6  | 5262.2  | 5239.3  | 5361.4  | 5620.6  | 5597.8  |
| 30°   | 30482.7 | 27439.7 | 19249.0 | 10646.4 | 7069.7  | 5376.6  | 5117.3  | 5147.8  | 5315.6  | 5513.9  | 5544.4  |
| 32.5° | 32473.2 | 28926.9 | 19523.6 | 10265.1 | 6459.6  | 4949.5  | 4766.5  | 4835.1  | 5048.7  | 5361.4  | 5529.1  |
| 35°   | 34753.5 | 29979.3 | 19943.0 | 9746.5  | 6230.8  | 4621.6  | 4530.1  | 4606.3  | 4865.6  | 5071.5  | 5254.6  |
| 37.5° | 36438.9 | 31840.2 | 20019.3 | 9342.3  | 5979.1  | 4438.6  | 4293.7  | 4545.3  | 4697.9  | 4987.7  | 5079.2  |
| 40°   | 37689.6 | 33190.0 | 20217.6 | 9090.7  | 5780.8  | 4202.1  | 4202.1  | 4369.9  | 4575.8  | 4842.8  | 5025.8  |
| 42.5° | 38490.4 | 34173.9 | 20362.5 | 8861.9  | 5399.5  | 4133.5  | 4095.4  | 4263.2  | 4537.7  | 4797.0  | 4880.9  |
| 44°   | 38978.5 | 34593.3 | 20217.6 | 8648.3  | 5292.7  | 4049.6  | 4049.6  | 4194.5  | 4408.1  | 4713.1  | 4812.3  |
| 45°   | 39100.5 | 35119.5 | 19897.3 | 8640.7  | 5163.1  | 3950.5  | 3935.2  | 4209.8  | 4354.7  | 4728.4  | 4789.4  |
| 47.5° | 39573.3 | 35767.8 | 19935.4 | 8396.7  | 4850.4  | 3714.1  | 3981.0  | 4103.0  | 4232.6  | 4560.6  | 4766.5  |
| 50°   | 39558.1 | 36172.0 | 19851.5 | 8038.2  | 4621.6  | 3447.1  | 3889.5  | 4026.7  | 4156.4  | 4491.9  | 4575.8  |
| 52.5° | 39664.9 | 37682.0 | 20621.8 | 7466.2  | 4209.8  | 3103.9  | 3584.4  | 3889.5  | 4049.6  | 4331.8  | 4507.2  |
| 55°   | 39611.5 | 38543.8 | 21384.4 | 7039.2  | 3630.2  | 2898.0  | 3325.1  | 3683.5  | 3912.3  | 4209.8  | 4293.7  |
| 57.5° | 36179.6 | 34067.1 | 19790.5 | 6238.4  | 3004.8  | 2654.0  | 2959.0  | 3470.0  | 3759.8  | 4064.9  | 4171.6  |
| 60°   | 29559.9 | 26257.7 | 16320.5 | 4591.1  | 2471.0  | 2440.4  | 2753.1  | 3401.4  | 3523.4  | 3790.3  | 3973.3  |
| 62.5° | 27317.7 | 23031.7 | 12942.0 | 3508.1  | 2112.5  | 2234.5  | 2539.6  | 3073.4  | 3264.1  | 3592.0  | 3759.8  |
| 65°   | 21376.8 | 15298.5 | 8015.3  | 2371.8  | 1860.8  | 2005.7  | 2295.5  | 2692.1  | 3004.8  | 3309.9  | 3508.1  |
| 67.5° | 12659.8 | 8358.5  | 3965.7  | 1662.6  | 1624.4  | 1776.9  | 2074.4  | 2371.8  | 2730.2  | 3065.8  | 3165.0  |
| 70°   | 6894.3  | 4110.6  | 1693.1  | 1266.0  | 1380.4  | 1517.7  | 1807.5  | 2013.4  | 2356.6  | 2615.9  | 2783.6  |
| 72.5° | 2211.7  | 1250.7  | 846.5   | 938.0   | 1052.4  | 1212.6  | 1388.0  | 1639.7  | 1883.7  | 2036.2  | 2173.5  |
| 75°   | 533.8   | 526.2   | 602.5   | 655.9   | 762.6   | 884.7   | 1029.6  | 1159.2  | 1349.9  | 1494.8  | 1616.8  |
| 77.5° | 373.7   | 404.2   | 465.2   | 541.5   | 579.6   | 625.4   | 716.9   | 816.0   | 899.9   | 1006.7  | 1082.9  |
| 80°   | 289.8   | 312.7   | 358.4   | 396.6   | 434.7   | 472.8   | 518.6   | 556.7   | 610.1   | 678.7   | 716.9   |
| 82.5° | 274.6   | 289.8   | 335.6   | 358.4   | 343.2   | 335.6   | 366.1   | 381.3   | 388.9   | 411.8   | 434.7   |
| 85°   | 22.9    | 0.0     | 15.3    | 53.4    | 129.6   | 190.7   | 205.9   | 205.9   | 198.3   | 213.5   | 213.5   |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 7.6     | 30.5    | 22.9    |
| 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°    | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 |
| 2.5°  | 20621.8 | 20362.5 | 20461.6 | 20583.6 | 20408.2 | 20004.0 | 20110.8 | 20065.0 | 20476.9 | 20446.4 | 20858.2 |
| 5°    | 17289.0 | 16884.8 | 16930.6 | 17525.4 | 17334.8 | 17540.7 | 17128.9 | 17075.5 | 17151.8 | 17189.9 | 17258.5 |
| 7.5°  | 13231.8 | 13178.4 | 13636.0 | 14139.3 | 14375.7 | 14131.7 | 13727.5 | 13636.0 | 13552.1 | 13384.3 | 13765.6 |
| 10°   | 10799.0 | 10814.2 | 10783.7 | 11165.0 | 11432.0 | 11378.6 | 11134.5 | 11104.0 | 10943.9 | 10882.9 | 11096.4 |
| 12.5° | 9639.8  | 9433.8  | 9334.7  | 9212.7  | 9418.6  | 9555.9  | 9449.1  | 9372.8  | 9380.5  | 9456.7  | 9487.2  |
| 15°   | 8518.7  | 8389.0  | 8175.5  | 8038.2  | 8137.4  | 8068.7  | 8030.6  | 8183.1  | 8145.0  | 8129.7  | 8312.8  |
| 17.5° | 7260.3  | 7367.1  | 7351.8  | 7199.3  | 7329.0  | 7275.6  | 7267.9  | 7161.2  | 7016.3  | 6909.5  | 6970.5  |
| 20°   | 6429.0  | 6627.3  | 6779.9  | 6787.5  | 6856.1  | 6848.5  | 6734.1  | 6406.2  | 6299.4  | 6276.5  | 6291.8  |
| 22.5° | 6131.6  | 6238.4  | 6421.4  | 6680.7  | 6680.7  | 6558.7  | 6421.4  | 6040.1  | 5941.0  | 5834.2  | 5788.4  |
| 25°   | 5895.2  | 6101.1  | 6337.5  | 6368.0  | 6490.1  | 6375.7  | 6154.5  | 5963.8  | 5757.9  | 5613.0  | 5613.0  |
| 27.5° | 5773.2  | 6002.0  | 6177.4  | 6230.8  | 6398.5  | 6307.0  | 6078.2  | 5834.2  | 5590.1  | 5582.5  | 5452.9  |
| 30°   | 5719.8  | 5933.3  | 6047.7  | 6177.4  | 6253.6  | 6108.7  | 6040.1  | 5780.8  | 5536.8  | 5475.7  | 5262.2  |
| 32.5° | 5559.6  | 5864.7  | 6078.2  | 6047.7  | 6108.7  | 6047.7  | 5948.6  | 5735.0  | 5460.5  | 5323.2  | 5300.3  |
| 35°   | 5376.6  | 5681.7  | 5910.5  | 6070.6  | 6108.7  | 5979.1  | 5918.1  | 5628.3  | 5254.6  | 5185.9  | 4949.5  |
| 37.5° | 5277.5  | 5460.5  | 5742.7  | 6002.0  | 6055.4  | 5986.7  | 5780.8  | 5483.4  | 5109.7  | 5033.4  | 4827.5  |
| 40°   | 5155.4  | 5391.9  | 5613.0  | 5826.6  | 5986.7  | 5818.9  | 5582.5  | 5292.7  | 5124.9  | 4896.1  | 4835.1  |
| 42.5° | 5063.9  | 5330.8  | 5513.9  | 5750.3  | 5933.3  | 5712.2  | 5437.6  | 5239.3  | 5002.9  | 4850.4  | 4675.0  |
| 44°   | 5033.4  | 5277.5  | 5399.5  | 5689.3  | 5841.8  | 5674.0  | 5445.2  | 5239.3  | 4964.8  | 4827.5  | 4675.0  |
| 45°   | 4926.6  | 5262.2  | 5391.9  | 5651.2  | 5780.8  | 5643.5  | 5353.7  | 5147.8  | 4949.5  | 4781.7  | 4621.6  |
| 47.5° | 4819.9  | 5048.7  | 5269.8  | 5475.7  | 5567.3  | 5521.5  | 5277.5  | 5025.8  | 4789.4  | 4690.2  | 4537.7  |
| 50°   | 4789.4  | 5018.2  | 5224.1  | 5414.7  | 5521.5  | 5430.0  | 5208.8  | 4964.8  | 4690.2  | 4530.1  | 4400.4  |
| 52.5° | 4636.8  | 4919.0  | 5147.8  | 5208.8  | 5346.1  | 5292.7  | 5124.9  | 4858.0  | 4598.7  | 4461.4  | 4354.7  |
| 55°   | 4415.7  | 4713.1  | 5025.8  | 5102.1  | 5300.3  | 5216.5  | 4964.8  | 4713.1  | 4491.9  | 4286.0  | 4148.8  |
| 57.5° | 4331.8  | 4621.6  | 4926.6  | 5025.8  | 5147.8  | 5010.5  | 4949.5  | 4682.6  | 4331.8  | 4225.0  | 4011.5  |
| 60°   | 4118.3  | 4484.3  | 4736.0  | 4964.8  | 4972.4  | 4934.3  | 4827.5  | 4522.4  | 4232.6  | 4034.4  | 3881.8  |
| 62.5° | 3950.5  | 4293.7  | 4491.9  | 4705.5  | 4835.1  | 4728.4  | 4621.6  | 4339.4  | 4026.7  | 3805.6  | 3630.2  |
| 65°   | 3706.4  | 4019.1  | 4186.9  | 4316.5  | 4461.4  | 4446.2  | 4263.2  | 4057.2  | 3729.3  | 3553.9  | 3386.1  |
| 67.5° | 3332.7  | 3607.3  | 3836.1  | 3958.1  | 4049.6  | 4026.7  | 3889.5  | 3744.6  | 3409.0  | 3233.6  | 3111.6  |
| 70°   | 2882.8  | 3165.0  | 3309.9  | 3378.5  | 3470.0  | 3515.8  | 3409.0  | 3340.4  | 3042.9  | 2814.1  | 2699.7  |
| 72.5° | 2318.4  | 2501.5  | 2715.0  | 2776.0  | 2814.1  | 2844.6  | 2844.6  | 2783.6  | 2478.6  | 2387.1  | 2188.8  |
| 75°   | 1708.3  | 1853.2  | 2013.4  | 2013.4  | 2082.0  | 2089.6  | 2104.9  | 2066.8  | 1838.0  | 1715.9  | 1670.2  |
| 77.5° | 1159.2  | 1266.0  | 1395.6  | 1449.0  | 1494.8  | 1487.1  | 1479.5  | 1372.8  | 1250.7  | 1197.3  | 1151.6  |
| 80°   | 755.0   | 861.8   | 922.8   | 991.4   | 1037.2  | 1029.6  | 1044.8  | 968.6   | 915.2   | 823.7   | 838.9   |
| 82.5° | 450.0   | 533.8   | 594.9   | 678.7   | 678.7   | 701.6   | 701.6   | 678.7   | 625.4   | 579.6   | 579.6   |
| 85°   | 213.5   | 282.2   | 320.3   | 373.7   | 404.2   | 411.8   | 366.1   | 312.7   | 259.3   | 236.4   | 259.3   |
| 87.5° | 38.1    | 53.4    | 76.3    | 68.6    | 83.9    | 76.3    | 76.3    | 76.3    | 76.3    | 61.0    | 68.6    |
| 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: P534372

CATALOG NUMBER: GLAN-SA9D-760-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 | 23298.6 |
| 2.5°  | 20705.6 | 21087.0 | 21353.9 | 21796.2 | 22558.9 | 23169.0 | 23794.3 | 24259.5 | 24312.9 | 24450.2 |
| 5°    | 17510.2 | 17716.1 | 18394.9 | 19279.5 | 19904.9 | 20934.4 | 21597.9 | 22802.9 | 23252.9 | 23733.3 |
| 7.5°  | 13674.1 | 14009.7 | 14917.2 | 15512.1 | 16884.8 | 18173.7 | 19508.3 | 20995.5 | 21590.3 | 21658.9 |
| 10°   | 11531.1 | 12019.2 | 12636.9 | 13590.2 | 14337.6 | 15771.4 | 17433.9 | 19088.9 | 19752.3 | 19866.7 |
| 12.5° | 10127.8 | 10753.2 | 11576.9 | 12263.2 | 12980.1 | 14230.8 | 15824.8 | 17868.6 | 18730.4 | 19249.0 |
| 15°   | 8778.0  | 9426.2  | 10333.8 | 11287.1 | 11920.0 | 13414.8 | 15290.9 | 17594.1 | 18715.2 | 19172.7 |
| 17.5° | 7390.0  | 7992.5  | 8739.8  | 9769.4  | 11043.0 | 12720.8 | 15207.0 | 18509.2 | 19737.1 | 20270.9 |
| 20°   | 6200.3  | 6535.8  | 7405.2  | 8465.3  | 10059.2 | 12011.6 | 15237.5 | 19859.1 | 21658.9 | 21895.4 |
| 22.5° | 5735.0  | 5811.3  | 6154.5  | 7130.7  | 8877.1  | 11287.1 | 15779.0 | 21773.3 | 23817.2 | 24595.1 |
| 25°   | 5376.6  | 5361.4  | 5452.9  | 6108.7  | 8015.3  | 11004.9 | 16312.8 | 23535.0 | 26211.9 | 27058.4 |
| 27.5° | 5178.3  | 5025.8  | 5033.4  | 5651.2  | 7405.2  | 10547.3 | 16999.2 | 25556.0 | 28926.9 | 29300.6 |
| 30°   | 5079.2  | 5048.7  | 4957.2  | 5208.8  | 6741.7  | 9860.9  | 17113.6 | 27546.5 | 30528.4 | 31069.9 |
| 32.5° | 5018.2  | 4720.7  | 4606.3  | 4697.9  | 6116.4  | 9113.5  | 17540.7 | 28858.3 | 32511.3 | 32274.9 |
| 35°   | 4713.1  | 4446.2  | 4369.9  | 4461.4  | 5674.0  | 8694.1  | 17258.5 | 30002.2 | 33998.4 | 34395.0 |
| 37.5° | 4598.7  | 4362.3  | 4209.8  | 4133.5  | 5262.2  | 8343.3  | 17113.6 | 31763.9 | 35439.8 | 36393.1 |
| 40°   | 4491.9  | 4240.3  | 4057.2  | 3981.0  | 4941.9  | 7878.1  | 17067.9 | 33121.4 | 37102.4 | 37674.4 |
| 42.5° | 4369.9  | 4209.8  | 4003.9  | 3866.6  | 4553.0  | 7412.9  | 16541.6 | 33540.9 | 37613.4 | 38231.1 |
| 44°   | 4331.8  | 4087.7  | 3874.2  | 3828.4  | 4400.4  | 7176.4  | 16434.9 | 33922.2 | 38055.7 | 38993.7 |
| 45°   | 4293.7  | 4064.9  | 3820.8  | 3759.8  | 4347.0  | 7046.8  | 16290.0 | 34013.7 | 38787.8 | 38963.2 |
| 47.5° | 4186.9  | 4042.0  | 3805.6  | 3637.8  | 4232.6  | 6764.6  | 15855.3 | 33495.1 | 38040.4 | 38070.9 |
| 50°   | 4103.0  | 3935.2  | 3691.2  | 3363.2  | 4080.1  | 6528.2  | 16053.6 | 33304.4 | 36240.6 | 36309.2 |
| 52.5° | 4011.5  | 3759.8  | 3622.5  | 3058.2  | 3828.4  | 6329.9  | 16473.0 | 34166.2 | 36446.5 | 36431.3 |
| 55°   | 3904.7  | 3630.2  | 3294.6  | 2798.9  | 3409.0  | 6078.2  | 17487.3 | 35866.9 | 38353.1 | 38612.4 |
| 57.5° | 3736.9  | 3500.5  | 3020.1  | 2570.1  | 2928.5  | 5597.8  | 17159.4 | 32610.4 | 35287.3 | 35333.1 |
| 60°   | 3515.8  | 3294.6  | 2737.9  | 2394.7  | 2402.3  | 4415.7  | 15344.3 | 25411.1 | 27843.9 | 28507.4 |
| 62.5° | 3302.2  | 3180.2  | 2501.5  | 2143.0  | 2043.9  | 3515.8  | 12972.5 | 21117.5 | 23901.1 | 24450.2 |
| 65°   | 3050.6  | 2753.1  | 2295.5  | 1952.4  | 1754.1  | 2463.3  | 9189.8  | 15779.0 | 18646.5 | 19386.3 |
| 67.5° | 2730.2  | 2409.9  | 2021.0  | 1715.9  | 1502.4  | 1647.3  | 4743.6  | 8968.6  | 11874.3 | 12309.0 |
| 70°   | 2387.1  | 2089.6  | 1700.7  | 1449.0  | 1212.6  | 1136.3  | 2089.6  | 4278.4  | 6490.1  | 6940.0  |
| 72.5° | 1960.0  | 1685.4  | 1357.5  | 1144.0  | 907.5   | 785.5   | 701.6   | 1144.0  | 2303.2  | 2676.9  |
| 75°   | 1418.5  | 1227.8  | 1021.9  | 816.0   | 640.6   | 503.3   | 411.8   | 343.2   | 381.3   | 411.8   |
| 77.5° | 1044.8  | 892.3   | 755.0   | 579.6   | 450.0   | 358.4   | 282.2   | 213.5   | 205.9   | 198.3   |
| 80°   | 816.0   | 724.5   | 602.5   | 465.2   | 350.8   | 266.9   | 198.3   | 144.9   | 129.6   | 129.6   |
| 82.5° | 640.6   | 594.9   | 495.7   | 381.3   | 289.8   | 213.5   | 144.9   | 99.1    | 83.9    | 83.9    |
| 85°   | 244.0   | 244.0   | 358.4   | 312.7   | 221.2   | 152.5   | 99.1    | 53.4    | 45.8    | 45.8    |
| 87.5° | 61.0    | 61.0    | 61.0    | 61.0    | 53.4    | 45.8    | 45.8    | 22.9    | 15.3    | 15.3    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)