

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: P527716

Luminaire Tested: **GLAN-SA2D-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P527716  
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-SA2D-730-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 3000K, 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: 10551 lumens  
Efficiency: N/A  
Efficacy: 84.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

Input Watts (W): 125  
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



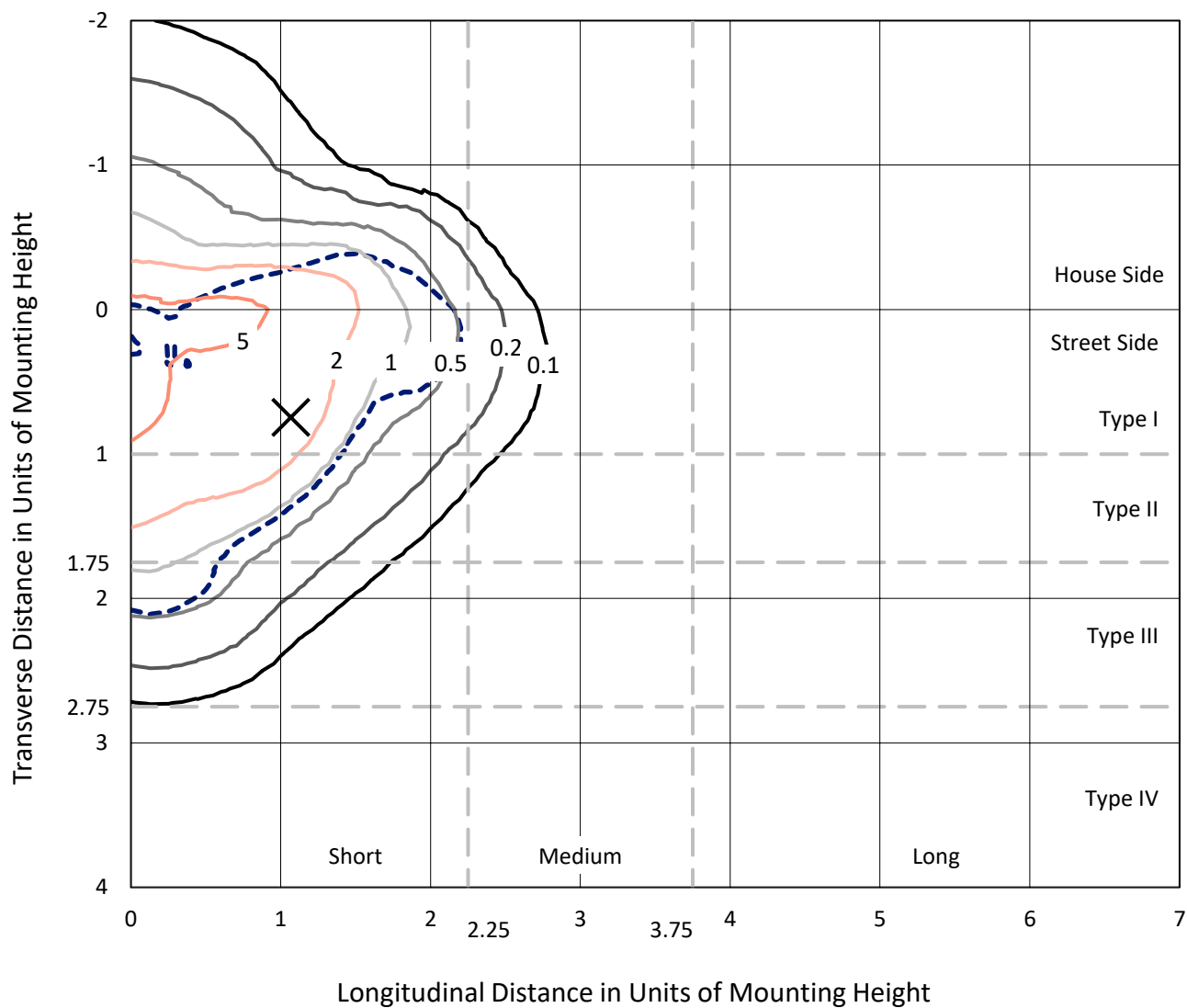
REPORT NUMBER: P527716

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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

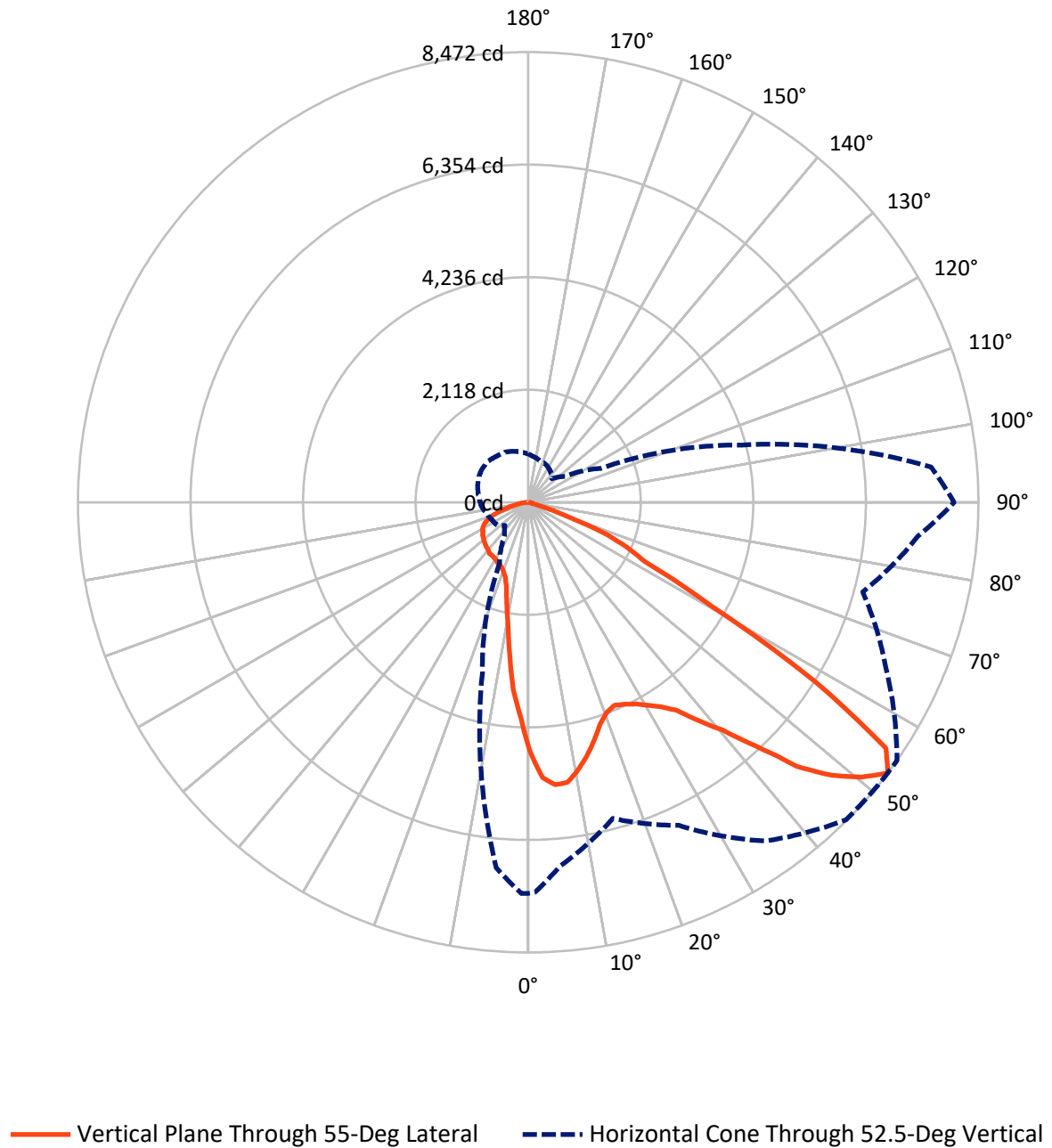


Based on 25 foot mounting height. Maximum calculated value = 8 fc  
Type II - Short - N/A

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## Luminous Intensity Polar Plot



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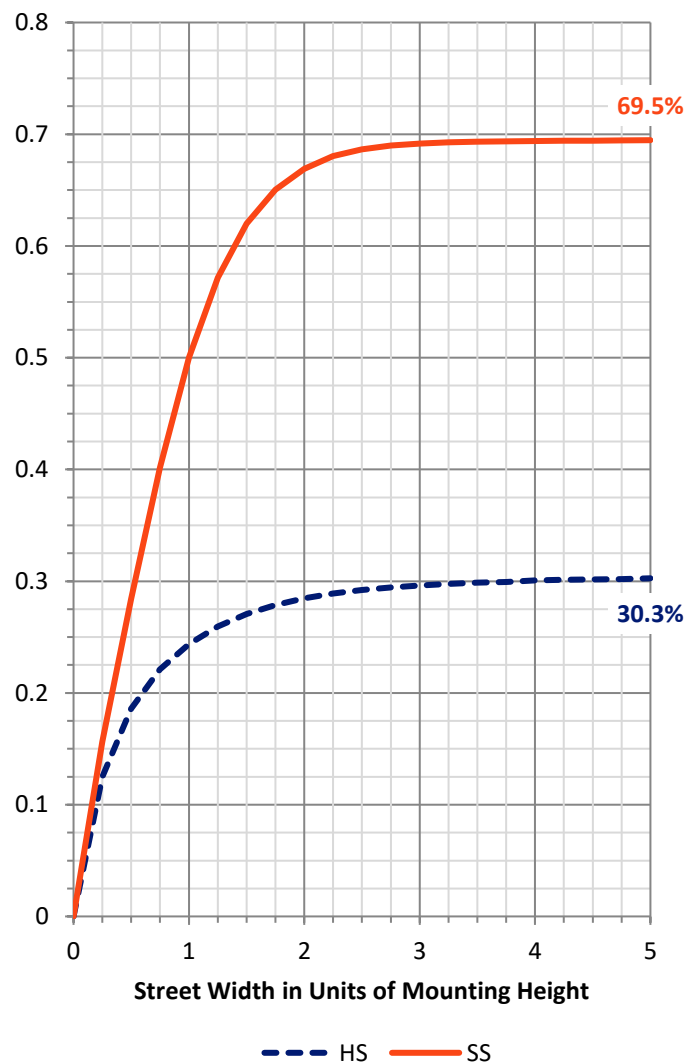
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3218.6   | 0.0    | 3218.6  |
|                    | % Fixture | 30.5     | 0.0    | 30.5    |
| <b>Street Side</b> | Lumens    | 7332.4   | 0.0    | 7332.4  |
|                    | % Fixture | 69.5     | 0.0    | 69.5    |
| <b>Total</b>       | Lumens    | 10551.0  | 0.0    | 10551.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 359.6   | 3.4       |
| 10°-20°   | 775.3   | 7.3       |
| 20°-30°   | 1175.6  | 11.1      |
| 30°-40°   | 1698.5  | 16.1      |
| 40°-50°   | 2269.7  | 21.5      |
| 50°-60°   | 2533.5  | 24.0      |
| 60°-70°   | 1389.7  | 13.2      |
| 70°-80°   | 300.5   | 2.8       |
| 80°-90°   | 48.6    | 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°    | 10551.0 | 100.0     |
| 0°-180°   | 10551.0 | 100.0     |

**Coefficient of Utilization**



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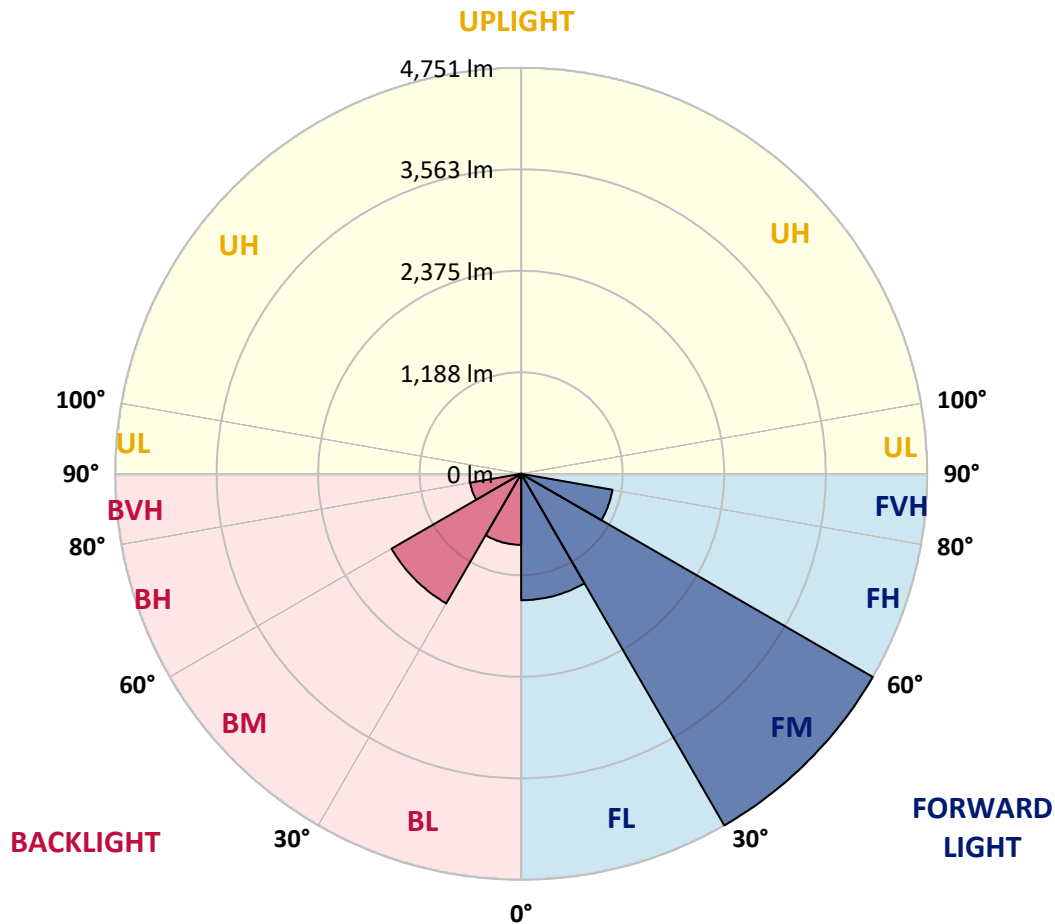
CATALOG NUMBER: GLAN-SA2D-730-U-SLL-GRSWH

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1479.4 | 14.0      |                         |      |         |
| FM   | (30°-60°)   | 4750.6 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 1084.4 | 10.3      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 18.0   | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 831.0  | 7.9       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1751.2 | 16.6      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 605.8  | 5.7       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 30.6   | 0.3       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 |
| 2.5°  | 4939.2 | 4911.5 | 4936.1 | 5053.2 | 5121.0 | 5167.2 | 5196.5 | 5191.9 | 5080.9 | 4973.1 | 4973.1 |
| 5°    | 4794.4 | 4758.9 | 4809.8 | 5074.8 | 5341.3 | 5364.4 | 5402.9 | 5339.8 | 5176.4 | 4979.3 | 4732.8 |
| 7.5°  | 4375.3 | 4401.5 | 4486.3 | 4834.4 | 5181.1 | 5355.2 | 5401.4 | 5321.3 | 5056.3 | 4688.1 | 4326.0 |
| 10°   | 4013.3 | 4074.9 | 4270.6 | 4646.5 | 4965.4 | 5191.9 | 5242.7 | 5130.2 | 4920.7 | 4469.3 | 4145.8 |
| 12.5° | 3888.5 | 3850.0 | 4067.2 | 4443.1 | 4748.2 | 4869.9 | 4893.0 | 4900.7 | 4758.9 | 4358.4 | 3964.0 |
| 15°   | 3873.1 | 3897.7 | 4067.2 | 4352.2 | 4540.2 | 4546.3 | 4584.9 | 4644.9 | 4663.4 | 4433.9 | 4048.7 |
| 17.5° | 4094.9 | 4065.7 | 4239.8 | 4466.2 | 4376.9 | 4287.5 | 4296.8 | 4383.0 | 4535.6 | 4498.6 | 4315.2 |
| 20°   | 4423.1 | 4489.3 | 4626.5 | 4603.3 | 4363.0 | 4136.5 | 4138.1 | 4219.7 | 4520.1 | 4766.6 | 4686.5 |
| 22.5° | 4968.5 | 5033.2 | 5134.9 | 4856.0 | 4363.0 | 4091.9 | 4039.5 | 4150.4 | 4618.7 | 5085.6 | 5105.6 |
| 25°   | 5466.1 | 5584.7 | 5612.4 | 5284.3 | 4581.8 | 4133.5 | 4099.6 | 4208.9 | 4717.3 | 5396.8 | 5586.3 |
| 27.5° | 5919.0 | 5962.2 | 6083.9 | 5560.1 | 4703.5 | 4161.2 | 4158.1 | 4298.3 | 4842.1 | 5552.4 | 6016.1 |
| 30°   | 6276.4 | 6271.8 | 6341.1 | 5734.1 | 4897.6 | 4316.8 | 4167.3 | 4432.3 | 5005.4 | 5809.6 | 6413.6 |
| 32.5° | 6519.9 | 6572.2 | 6718.6 | 5976.0 | 4979.3 | 4464.7 | 4347.6 | 4589.5 | 5204.2 | 5931.3 | 6693.9 |
| 35°   | 6948.1 | 7039.0 | 6854.2 | 6110.1 | 5238.1 | 4611.0 | 4473.9 | 4803.6 | 5302.8 | 6063.8 | 7037.5 |
| 37.5° | 7351.8 | 7282.5 | 7094.5 | 6182.5 | 5406.0 | 4882.2 | 4754.3 | 5218.0 | 5609.4 | 6351.9 | 7265.5 |
| 40°   | 7610.6 | 7609.1 | 7274.8 | 6241.0 | 5524.6 | 5296.6 | 5288.9 | 5638.6 | 5985.3 | 6533.7 | 7521.3 |
| 42.5° | 7723.1 | 7830.9 | 7348.7 | 6234.8 | 5774.2 | 5798.9 | 5954.5 | 6267.2 | 6251.8 | 6570.7 | 7515.1 |
| 44°   | 7877.1 | 7941.8 | 7476.6 | 6248.7 | 5940.6 | 6137.8 | 6504.5 | 6703.2 | 6484.4 | 6550.7 | 7507.4 |
| 45°   | 7871.0 | 7875.6 | 7294.8 | 6267.2 | 6082.3 | 6421.3 | 6749.4 | 7085.3 | 6689.3 | 6507.5 | 7609.1 |
| 47.5° | 7690.7 | 7638.3 | 7140.7 | 6130.1 | 6524.5 | 7170.0 | 7473.5 | 7676.9 | 6942.0 | 6415.1 | 7482.7 |
| 50°   | 7334.8 | 7274.8 | 6766.4 | 6071.5 | 6616.9 | 7635.3 | 8054.3 | 8128.3 | 7171.5 | 6324.2 | 7358.0 |
| 52.5° | 7359.5 | 7342.5 | 6872.7 | 6159.4 | 6709.4 | 7781.6 | 8453.3 | 8471.8 | 7431.9 | 6515.2 | 7359.5 |
| 55°   | 7800.1 | 7741.6 | 7177.7 | 6268.7 | 6641.6 | 7610.6 | 8199.1 | 8166.8 | 7344.1 | 6399.7 | 7495.1 |
| 57.5° | 7137.6 | 7176.2 | 6755.6 | 5835.8 | 5812.7 | 6187.1 | 6445.9 | 6365.8 | 6128.5 | 5775.7 | 6972.8 |
| 60°   | 5758.8 | 5868.2 | 5908.2 | 4880.7 | 4386.1 | 4193.5 | 4116.5 | 3974.8 | 4014.8 | 4745.1 | 6125.5 |
| 62.5° | 4939.2 | 4933.0 | 5184.2 | 4424.6 | 2873.2 | 2471.1 | 2434.2 | 2466.5 | 2928.7 | 4671.1 | 5999.1 |
| 65°   | 3916.2 | 4021.0 | 4098.0 | 3749.8 | 2273.9 | 1834.9 | 1833.3 | 2038.2 | 2534.3 | 3903.9 | 4843.7 |
| 67.5° | 2486.5 | 2623.7 | 2719.2 | 2398.7 | 1520.6 | 1306.4 | 1271.0 | 1517.5 | 1756.3 | 2560.5 | 2916.4 |
| 70°   | 1402.0 | 1466.7 | 1509.8 | 1383.5 | 967.5  | 677.9  | 637.8  | 696.4  | 1061.5 | 1657.7 | 1728.6 |
| 72.5° | 540.8  | 570.0  | 628.6  | 633.2  | 365.1  | 218.8  | 177.2  | 212.6  | 446.8  | 656.3  | 625.5  |
| 75°   | 83.2   | 89.4   | 126.3  | 151.0  | 104.8  | 80.1   | 84.7   | 87.8   | 124.8  | 169.5  | 141.7  |
| 77.5° | 40.1   | 40.1   | 38.5   | 44.7   | 52.4   | 57.0   | 61.6   | 67.8   | 73.9   | 81.7   | 78.6   |
| 80°   | 26.2   | 26.2   | 26.2   | 30.8   | 38.5   | 46.2   | 52.4   | 55.5   | 58.5   | 64.7   | 61.6   |
| 82.5° | 16.9   | 16.9   | 16.9   | 23.1   | 30.8   | 38.5   | 41.6   | 49.3   | 55.5   | 64.7   | 60.1   |
| 85°   | 9.2    | 9.2    | 9.2    | 15.4   | 23.1   | 32.4   | 30.8   | 24.6   | 13.9   | 1.5    | 3.1    |
| 87.5° | 3.1    | 3.1    | 3.1    | 3.1    | 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°    | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 |
| 2.5°  | 4843.7 | 4772.8 | 4766.6 | 4621.8 | 4492.4 | 4429.3 | 4378.4 | 4236.7 | 4267.5 | 4185.8 | 4184.3 |
| 5°    | 4609.5 | 4464.7 | 4230.5 | 4037.9 | 3845.4 | 3806.8 | 3638.9 | 3492.6 | 3497.2 | 3392.4 | 3410.9 |
| 7.5°  | 4188.9 | 4088.8 | 3803.8 | 3501.8 | 3246.1 | 3064.3 | 2905.6 | 2810.1 | 2688.4 | 2646.8 | 2625.2 |
| 10°   | 3922.4 | 3799.1 | 3478.7 | 3099.7 | 2813.2 | 2716.1 | 2563.6 | 2478.8 | 2354.1 | 2292.4 | 2249.3 |
| 12.5° | 3805.3 | 3625.1 | 3224.5 | 2839.3 | 2648.3 | 2548.2 | 2418.8 | 2264.7 | 2116.8 | 2059.8 | 1981.2 |
| 15°   | 3817.6 | 3601.9 | 3150.5 | 2734.6 | 2505.0 | 2310.9 | 2195.4 | 2024.4 | 1873.4 | 1773.2 | 1716.2 |
| 17.5° | 4004.0 | 3742.1 | 3184.4 | 2654.5 | 2324.8 | 2081.4 | 1854.9 | 1670.0 | 1549.9 | 1474.4 | 1455.9 |
| 20°   | 4444.7 | 4088.8 | 3241.4 | 2525.1 | 2144.5 | 1841.0 | 1562.2 | 1369.6 | 1277.2 | 1275.6 | 1277.2 |
| 22.5° | 4811.3 | 4458.5 | 3357.0 | 2448.0 | 1964.3 | 1532.9 | 1255.6 | 1194.0 | 1175.5 | 1214.0 | 1218.6 |
| 25°   | 5305.9 | 4874.5 | 3555.7 | 2408.0 | 1797.9 | 1306.4 | 1135.4 | 1112.3 | 1110.8 | 1160.1 | 1161.6 |
| 27.5° | 5812.7 | 5238.1 | 3674.4 | 2290.9 | 1628.4 | 1189.4 | 1063.0 | 1058.4 | 1083.0 | 1135.4 | 1130.8 |
| 30°   | 6157.8 | 5543.1 | 3888.5 | 2150.7 | 1428.1 | 1086.1 | 1033.7 | 1039.9 | 1073.8 | 1113.9 | 1120.0 |
| 32.5° | 6559.9 | 5843.5 | 3944.0 | 2073.7 | 1304.9 | 999.9  | 962.9  | 976.7  | 1019.9 | 1083.0 | 1116.9 |
| 35°   | 7020.6 | 6056.1 | 4028.7 | 1968.9 | 1258.7 | 933.6  | 915.1  | 930.5  | 982.9  | 1024.5 | 1061.5 |
| 37.5° | 7361.0 | 6432.0 | 4044.1 | 1887.2 | 1207.8 | 896.6  | 867.4  | 918.2  | 949.0  | 1007.6 | 1026.0 |
| 40°   | 7613.7 | 6704.7 | 4084.2 | 1836.4 | 1167.8 | 848.9  | 848.9  | 882.8  | 924.4  | 978.3  | 1015.3 |
| 42.5° | 7775.5 | 6903.5 | 4113.4 | 1790.2 | 1090.8 | 835.0  | 827.3  | 861.2  | 916.7  | 969.0  | 986.0  |
| 44°   | 7874.1 | 6988.2 | 4084.2 | 1747.1 | 1069.2 | 818.1  | 818.1  | 847.3  | 890.5  | 952.1  | 972.1  |
| 45°   | 7898.7 | 7094.5 | 4019.5 | 1745.5 | 1043.0 | 798.0  | 795.0  | 850.4  | 879.7  | 955.2  | 967.5  |
| 47.5° | 7994.2 | 7225.5 | 4027.2 | 1696.2 | 979.8  | 750.3  | 804.2  | 828.8  | 855.0  | 921.3  | 962.9  |
| 50°   | 7991.1 | 7307.1 | 4010.2 | 1623.8 | 933.6  | 696.4  | 785.7  | 813.4  | 839.6  | 907.4  | 924.4  |
| 52.5° | 8012.7 | 7612.2 | 4165.8 | 1508.3 | 850.4  | 627.0  | 724.1  | 785.7  | 818.1  | 875.1  | 910.5  |
| 55°   | 8001.9 | 7786.2 | 4319.9 | 1422.0 | 733.3  | 585.4  | 671.7  | 744.1  | 790.3  | 850.4  | 867.4  |
| 57.5° | 7308.7 | 6881.9 | 3997.9 | 1260.2 | 607.0  | 536.1  | 597.8  | 701.0  | 759.5  | 821.1  | 842.7  |
| 60°   | 5971.4 | 5304.3 | 3296.9 | 927.4  | 499.2  | 493.0  | 556.2  | 687.1  | 711.8  | 765.7  | 802.7  |
| 62.5° | 5518.5 | 4652.6 | 2614.4 | 708.7  | 426.7  | 451.4  | 513.0  | 620.9  | 659.4  | 725.6  | 759.5  |
| 65°   | 4318.3 | 3090.5 | 1619.2 | 479.1  | 375.9  | 405.2  | 463.7  | 543.8  | 607.0  | 668.6  | 708.7  |
| 67.5° | 2557.4 | 1688.5 | 801.1  | 335.9  | 328.1  | 359.0  | 419.0  | 479.1  | 551.5  | 619.3  | 639.4  |
| 70°   | 1392.7 | 830.4  | 342.0  | 255.7  | 278.9  | 306.6  | 365.1  | 406.7  | 476.0  | 528.4  | 562.3  |
| 72.5° | 446.8  | 252.7  | 171.0  | 189.5  | 212.6  | 245.0  | 280.4  | 331.2  | 380.5  | 411.3  | 439.1  |
| 75°   | 107.8  | 106.3  | 121.7  | 132.5  | 154.1  | 178.7  | 208.0  | 234.2  | 272.7  | 302.0  | 326.6  |
| 77.5° | 75.5   | 81.7   | 94.0   | 109.4  | 117.1  | 126.3  | 144.8  | 164.8  | 181.8  | 203.4  | 218.8  |
| 80°   | 58.5   | 63.2   | 72.4   | 80.1   | 87.8   | 95.5   | 104.8  | 112.5  | 123.2  | 137.1  | 144.8  |
| 82.5° | 55.5   | 58.5   | 67.8   | 72.4   | 69.3   | 67.8   | 73.9   | 77.0   | 78.6   | 83.2   | 87.8   |
| 85°   | 4.6    | 0.0    | 3.1    | 10.8   | 26.2   | 38.5   | 41.6   | 41.6   | 40.1   | 43.1   | 43.1   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.5    | 6.2    | 4.6    |
| 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°    | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 |
| 2.5°  | 4165.8 | 4113.4 | 4133.5 | 4158.1 | 4122.7 | 4041.0 | 4062.6 | 4053.3 | 4136.5 | 4130.4 | 4213.6 |
| 5°    | 3492.6 | 3410.9 | 3420.2 | 3540.3 | 3501.8 | 3543.4 | 3460.2 | 3449.4 | 3464.8 | 3472.5 | 3486.4 |
| 7.5°  | 2673.0 | 2662.2 | 2754.6 | 2856.3 | 2904.0 | 2854.7 | 2773.1 | 2754.6 | 2737.7 | 2703.8 | 2780.8 |
| 10°   | 2181.5 | 2184.6 | 2178.4 | 2255.5 | 2309.4 | 2298.6 | 2249.3 | 2243.1 | 2210.8 | 2198.4 | 2241.6 |
| 12.5° | 1947.3 | 1905.7 | 1885.7 | 1861.1 | 1902.7 | 1930.4 | 1908.8 | 1893.4 | 1894.9 | 1910.4 | 1916.5 |
| 15°   | 1720.9 | 1694.7 | 1651.5 | 1623.8 | 1643.8 | 1630.0 | 1622.3 | 1653.1 | 1645.4 | 1642.3 | 1679.3 |
| 17.5° | 1466.7 | 1488.2 | 1485.1 | 1454.3 | 1480.5 | 1469.7 | 1468.2 | 1446.6 | 1417.4 | 1395.8 | 1408.1 |
| 20°   | 1298.7 | 1338.8 | 1369.6 | 1371.1 | 1385.0 | 1383.5 | 1360.4 | 1294.1 | 1272.5 | 1267.9 | 1271.0 |
| 22.5° | 1238.7 | 1260.2 | 1297.2 | 1349.6 | 1349.6 | 1324.9 | 1297.2 | 1220.2 | 1200.1 | 1178.6 | 1169.3 |
| 25°   | 1190.9 | 1232.5 | 1280.2 | 1286.4 | 1311.1 | 1287.9 | 1243.3 | 1204.8 | 1163.2 | 1133.9 | 1133.9 |
| 27.5° | 1166.2 | 1212.5 | 1247.9 | 1258.7 | 1292.6 | 1274.1 | 1227.9 | 1178.6 | 1129.3 | 1127.7 | 1101.5 |
| 30°   | 1155.5 | 1198.6 | 1221.7 | 1247.9 | 1263.3 | 1234.0 | 1220.2 | 1167.8 | 1118.5 | 1106.2 | 1063.0 |
| 32.5° | 1123.1 | 1184.7 | 1227.9 | 1221.7 | 1234.0 | 1221.7 | 1201.7 | 1158.5 | 1103.1 | 1075.3 | 1070.7 |
| 35°   | 1086.1 | 1147.8 | 1194.0 | 1226.3 | 1234.0 | 1207.8 | 1195.5 | 1137.0 | 1061.5 | 1047.6 | 999.9  |
| 37.5° | 1066.1 | 1103.1 | 1160.1 | 1212.5 | 1223.2 | 1209.4 | 1167.8 | 1107.7 | 1032.2 | 1016.8 | 975.2  |
| 40°   | 1041.5 | 1089.2 | 1133.9 | 1177.0 | 1209.4 | 1175.5 | 1127.7 | 1069.2 | 1035.3 | 989.1  | 976.7  |
| 42.5° | 1023.0 | 1076.9 | 1113.9 | 1161.6 | 1198.6 | 1153.9 | 1098.5 | 1058.4 | 1010.6 | 979.8  | 944.4  |
| 44°   | 1016.8 | 1066.1 | 1090.8 | 1149.3 | 1180.1 | 1146.2 | 1100.0 | 1058.4 | 1002.9 | 975.2  | 944.4  |
| 45°   | 995.2  | 1063.0 | 1089.2 | 1141.6 | 1167.8 | 1140.1 | 1081.5 | 1039.9 | 999.9  | 966.0  | 933.6  |
| 47.5° | 973.7  | 1019.9 | 1064.6 | 1106.2 | 1124.6 | 1115.4 | 1066.1 | 1015.3 | 967.5  | 947.5  | 916.7  |
| 50°   | 967.5  | 1013.7 | 1055.3 | 1093.8 | 1115.4 | 1096.9 | 1052.2 | 1002.9 | 947.5  | 915.1  | 888.9  |
| 52.5° | 936.7  | 993.7  | 1039.9 | 1052.2 | 1080.0 | 1069.2 | 1035.3 | 981.4  | 929.0  | 901.3  | 879.7  |
| 55°   | 892.0  | 952.1  | 1015.3 | 1030.7 | 1070.7 | 1053.8 | 1002.9 | 952.1  | 907.4  | 865.8  | 838.1  |
| 57.5° | 875.1  | 933.6  | 995.2  | 1015.3 | 1039.9 | 1012.2 | 999.9  | 945.9  | 875.1  | 853.5  | 810.4  |
| 60°   | 831.9  | 905.9  | 956.7  | 1002.9 | 1004.5 | 996.8  | 975.2  | 913.6  | 855.0  | 815.0  | 784.2  |
| 62.5° | 798.0  | 867.4  | 907.4  | 950.6  | 976.7  | 955.2  | 933.6  | 876.6  | 813.4  | 768.8  | 733.3  |
| 65°   | 748.7  | 811.9  | 845.8  | 872.0  | 901.3  | 898.2  | 861.2  | 819.6  | 753.4  | 717.9  | 684.0  |
| 67.5° | 673.2  | 728.7  | 774.9  | 799.6  | 818.1  | 813.4  | 785.7  | 756.4  | 688.7  | 653.2  | 628.6  |
| 70°   | 582.4  | 639.4  | 668.6  | 682.5  | 701.0  | 710.2  | 688.7  | 674.8  | 614.7  | 568.5  | 545.4  |
| 72.5° | 468.3  | 505.3  | 548.5  | 560.8  | 568.5  | 574.6  | 574.6  | 562.3  | 500.7  | 482.2  | 442.2  |
| 75°   | 345.1  | 374.4  | 406.7  | 406.7  | 420.6  | 422.1  | 425.2  | 417.5  | 371.3  | 346.6  | 337.4  |
| 77.5° | 234.2  | 255.7  | 281.9  | 292.7  | 302.0  | 300.4  | 298.9  | 277.3  | 252.7  | 241.9  | 232.6  |
| 80°   | 152.5  | 174.1  | 186.4  | 200.3  | 209.5  | 208.0  | 211.1  | 195.7  | 184.9  | 166.4  | 169.5  |
| 82.5° | 90.9   | 107.8  | 120.2  | 137.1  | 137.1  | 141.7  | 141.7  | 137.1  | 126.3  | 117.1  | 117.1  |
| 85°   | 43.1   | 57.0   | 64.7   | 75.5   | 81.7   | 83.2   | 73.9   | 63.2   | 52.4   | 47.8   | 52.4   |
| 87.5° | 7.7    | 10.8   | 15.4   | 13.9   | 16.9   | 15.4   | 15.4   | 15.4   | 15.4   | 12.3   | 13.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P527716

CATALOG NUMBER: GLAN-SA2D-730-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 | 4706.6 |
| 2.5°  | 4182.8 | 4259.8 | 4313.7 | 4403.1 | 4557.1 | 4680.4 | 4806.7 | 4900.7 | 4911.5 | 4939.2 |
| 5°    | 3537.2 | 3578.8 | 3716.0 | 3894.7 | 4021.0 | 4229.0 | 4363.0 | 4606.4 | 4697.3 | 4794.4 |
| 7.5°  | 2762.3 | 2830.1 | 3013.4 | 3133.6 | 3410.9 | 3671.3 | 3940.9 | 4241.3 | 4361.5 | 4375.3 |
| 10°   | 2329.4 | 2428.0 | 2552.8 | 2745.4 | 2896.3 | 3186.0 | 3521.8 | 3856.1 | 3990.2 | 4013.3 |
| 12.5° | 2045.9 | 2172.3 | 2338.6 | 2477.3 | 2622.1 | 2874.8 | 3196.8 | 3609.6 | 3783.7 | 3888.5 |
| 15°   | 1773.2 | 1904.2 | 2087.5 | 2280.1 | 2408.0 | 2709.9 | 3088.9 | 3554.2 | 3780.7 | 3873.1 |
| 17.5° | 1492.9 | 1614.6 | 1765.5 | 1973.5 | 2230.8 | 2569.7 | 3072.0 | 3739.1 | 3987.1 | 4094.9 |
| 20°   | 1252.5 | 1320.3 | 1495.9 | 1710.1 | 2032.1 | 2426.5 | 3078.1 | 4011.7 | 4375.3 | 4423.1 |
| 22.5° | 1158.5 | 1173.9 | 1243.3 | 1440.5 | 1793.3 | 2280.1 | 3187.5 | 4398.4 | 4811.3 | 4968.5 |
| 25°   | 1086.1 | 1083.0 | 1101.5 | 1234.0 | 1619.2 | 2223.1 | 3295.4 | 4754.3 | 5295.1 | 5466.1 |
| 27.5° | 1046.1 | 1015.3 | 1016.8 | 1141.6 | 1495.9 | 2130.7 | 3434.0 | 5162.6 | 5843.5 | 5919.0 |
| 30°   | 1026.0 | 1019.9 | 1001.4 | 1052.2 | 1361.9 | 1992.0 | 3457.1 | 5564.7 | 6167.1 | 6276.4 |
| 32.5° | 1013.7 | 953.6  | 930.5  | 949.0  | 1235.6 | 1841.0 | 3543.4 | 5829.7 | 6567.6 | 6519.9 |
| 35°   | 952.1  | 898.2  | 882.8  | 901.3  | 1146.2 | 1756.3 | 3486.4 | 6060.8 | 6868.0 | 6948.1 |
| 37.5° | 929.0  | 881.2  | 850.4  | 835.0  | 1063.0 | 1685.4 | 3457.1 | 6416.6 | 7159.2 | 7351.8 |
| 40°   | 907.4  | 856.6  | 819.6  | 804.2  | 998.3  | 1591.4 | 3447.9 | 6690.9 | 7495.1 | 7610.6 |
| 42.5° | 882.8  | 850.4  | 808.8  | 781.1  | 919.7  | 1497.5 | 3341.6 | 6775.6 | 7598.3 | 7723.1 |
| 44°   | 875.1  | 825.8  | 782.6  | 773.4  | 888.9  | 1449.7 | 3320.0 | 6852.6 | 7687.6 | 7877.1 |
| 45°   | 867.4  | 821.1  | 771.8  | 759.5  | 878.1  | 1423.5 | 3290.7 | 6871.1 | 7835.5 | 7871.0 |
| 47.5° | 845.8  | 816.5  | 768.8  | 734.9  | 855.0  | 1366.5 | 3202.9 | 6766.4 | 7684.6 | 7690.7 |
| 50°   | 828.8  | 795.0  | 745.7  | 679.4  | 824.2  | 1318.8 | 3243.0 | 6727.8 | 7321.0 | 7334.8 |
| 52.5° | 810.4  | 759.5  | 731.8  | 617.8  | 773.4  | 1278.7 | 3327.7 | 6901.9 | 7362.6 | 7359.5 |
| 55°   | 788.8  | 733.3  | 665.5  | 565.4  | 688.7  | 1227.9 | 3532.6 | 7245.5 | 7747.7 | 7800.1 |
| 57.5° | 754.9  | 707.1  | 610.1  | 519.2  | 591.6  | 1130.8 | 3466.4 | 6587.6 | 7128.4 | 7137.6 |
| 60°   | 710.2  | 665.5  | 553.1  | 483.8  | 485.3  | 892.0  | 3099.7 | 5133.3 | 5624.8 | 5758.8 |
| 62.5° | 667.1  | 642.4  | 505.3  | 432.9  | 412.9  | 710.2  | 2620.6 | 4265.9 | 4828.3 | 4939.2 |
| 65°   | 616.2  | 556.2  | 463.7  | 394.4  | 354.3  | 497.6  | 1856.4 | 3187.5 | 3766.8 | 3916.2 |
| 67.5° | 551.5  | 486.8  | 408.3  | 346.6  | 303.5  | 332.8  | 958.3  | 1811.8 | 2398.7 | 2486.5 |
| 70°   | 482.2  | 422.1  | 343.6  | 292.7  | 245.0  | 229.6  | 422.1  | 864.3  | 1311.1 | 1402.0 |
| 72.5° | 395.9  | 340.5  | 274.2  | 231.1  | 183.3  | 158.7  | 141.7  | 231.1  | 465.3  | 540.8  |
| 75°   | 286.6  | 248.0  | 206.4  | 164.8  | 129.4  | 101.7  | 83.2   | 69.3   | 77.0   | 83.2   |
| 77.5° | 211.1  | 180.3  | 152.5  | 117.1  | 90.9   | 72.4   | 57.0   | 43.1   | 41.6   | 40.1   |
| 80°   | 164.8  | 146.4  | 121.7  | 94.0   | 70.9   | 53.9   | 40.1   | 29.3   | 26.2   | 26.2   |
| 82.5° | 129.4  | 120.2  | 100.1  | 77.0   | 58.5   | 43.1   | 29.3   | 20.0   | 16.9   | 16.9   |
| 85°   | 49.3   | 49.3   | 72.4   | 63.2   | 44.7   | 30.8   | 20.0   | 10.8   | 9.2    | 9.2    |
| 87.5° | 12.3   | 12.3   | 12.3   | 12.3   | 10.8   | 9.2    | 9.2    | 4.6    | 3.1    | 3.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)