

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: McGRAW-EDISON

Report Number: P527274

Luminaire Tested: **GALN-SA2B-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P527274  
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: McGRAW-EDISON  
Catalog Number: GALN-SA2B-735-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 3500K, 800mA 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: 7939 lumens  
Efficiency: N/A  
Efficacy: 96.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G1

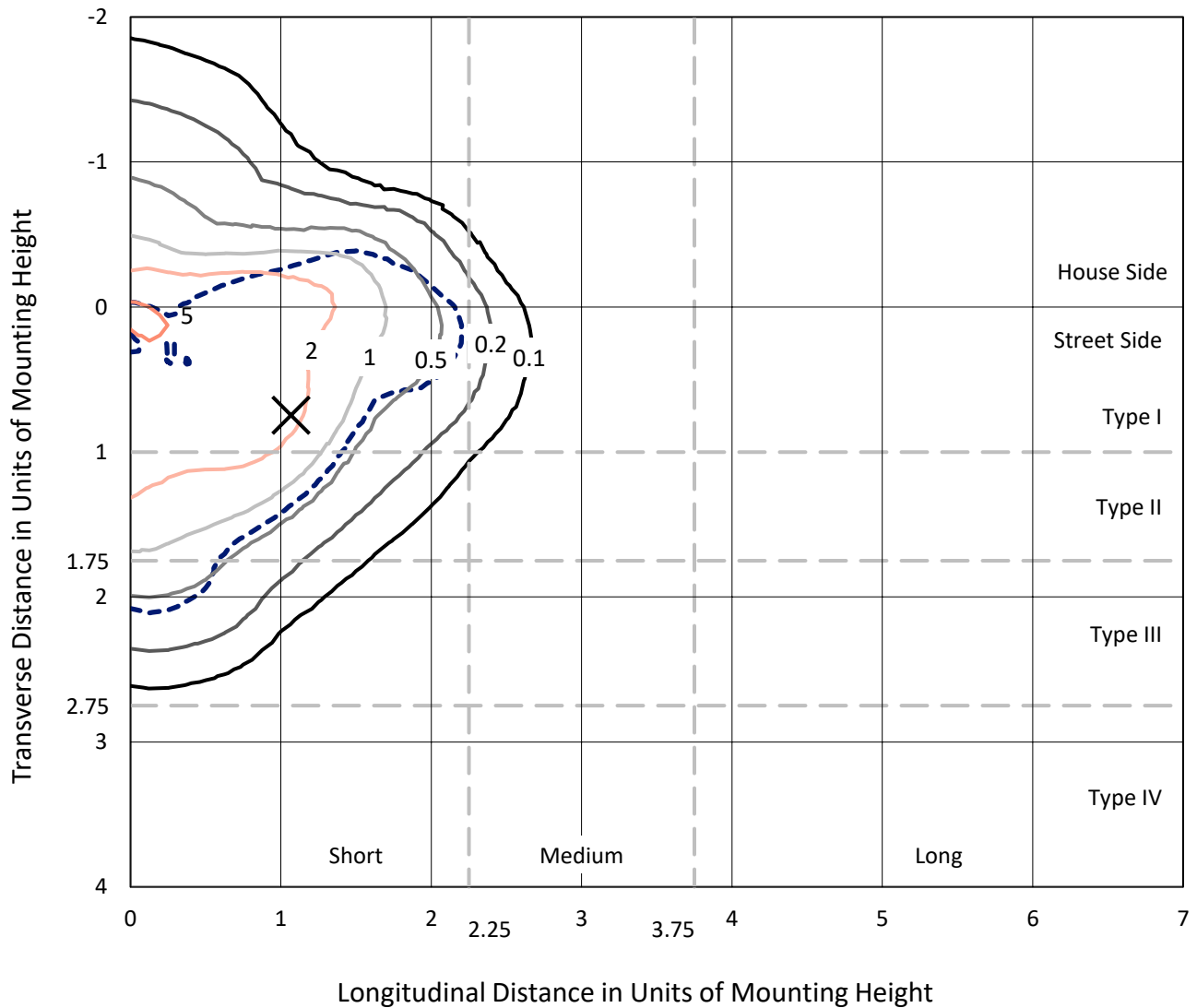
Input Watts (W): 82  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P527274  
 CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

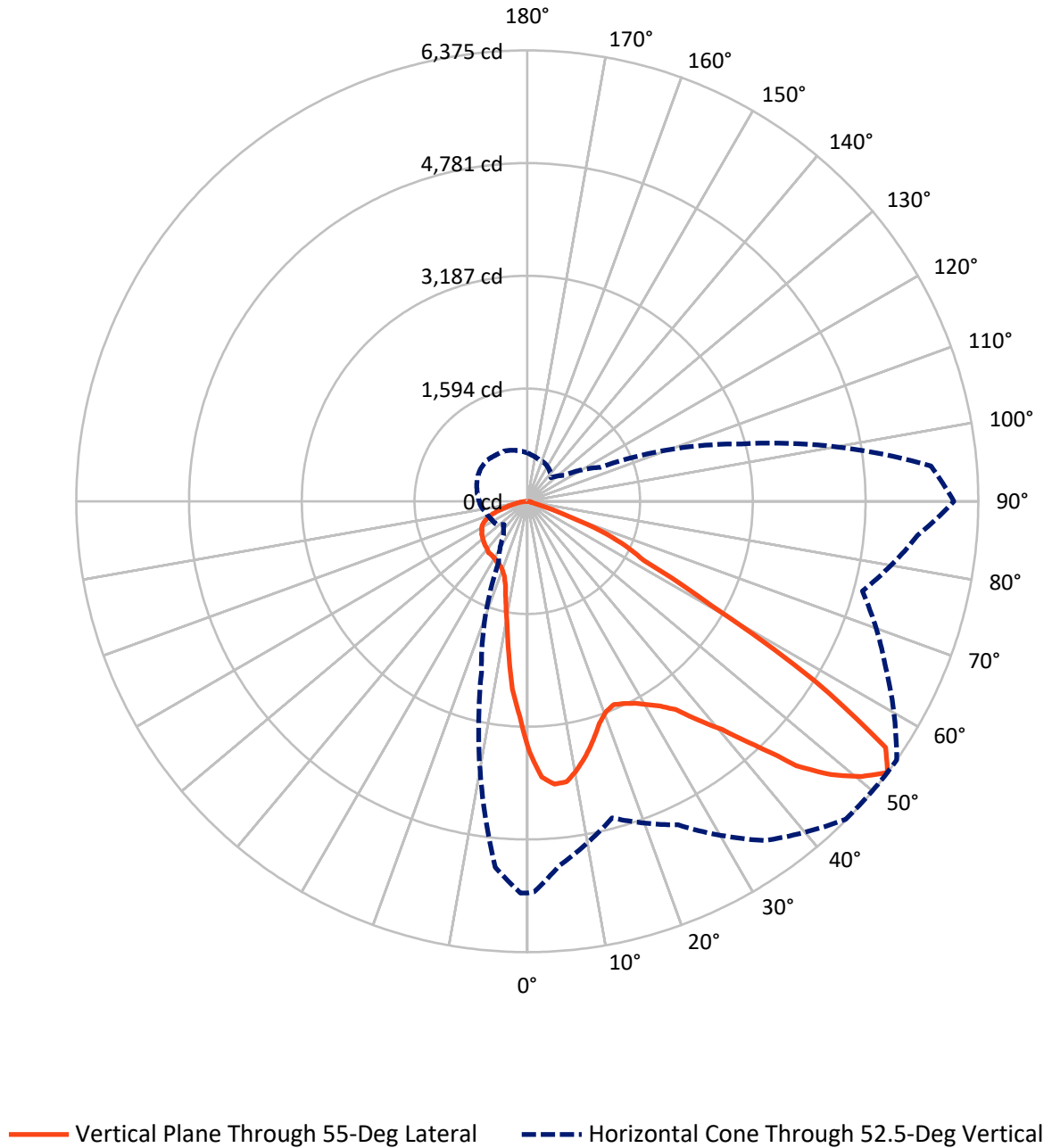
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6 fc  
 Type II - Short - N/A

REPORT NUMBER: P527274  
CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

### Luminous Intensity Polar Plot



REPORT NUMBER: P527274

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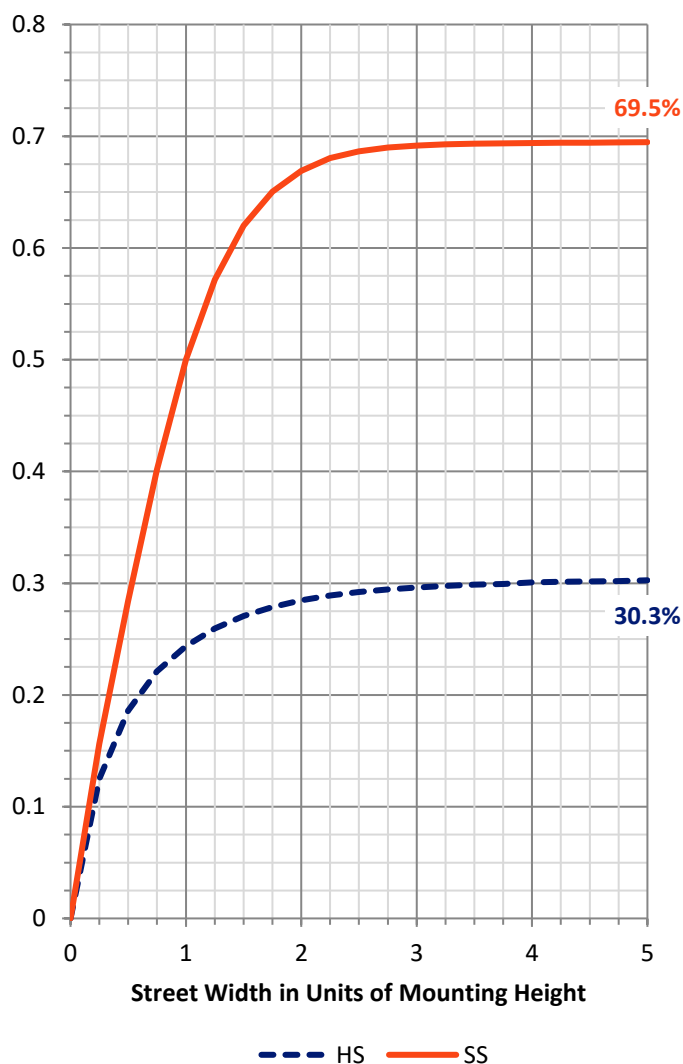
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2421.8   | 0.0    | 2421.8 |
|                    | % Fixture | 30.5     | 0.0    | 30.5   |
| <b>Street Side</b> | Lumens    | 5517.2   | 0.0    | 5517.2 |
|                    | % Fixture | 69.5     | 0.0    | 69.5   |
| <b>Total</b>       | Lumens    | 7939.0   | 0.0    | 7939.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 270.6  | 3.4       |
| 10°-20°   | 583.4  | 7.3       |
| 20°-30°   | 884.6  | 11.1      |
| 30°-40°   | 1278.0 | 16.1      |
| 40°-50°   | 1707.8 | 21.5      |
| 50°-60°   | 1906.3 | 24.0      |
| 60°-70°   | 1045.7 | 13.2      |
| 70°-80°   | 226.1  | 2.8       |
| 80°-90°   | 36.6   | 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°    | 7939.0 | 100.0     |
| 0°-180°   | 7939.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P527274

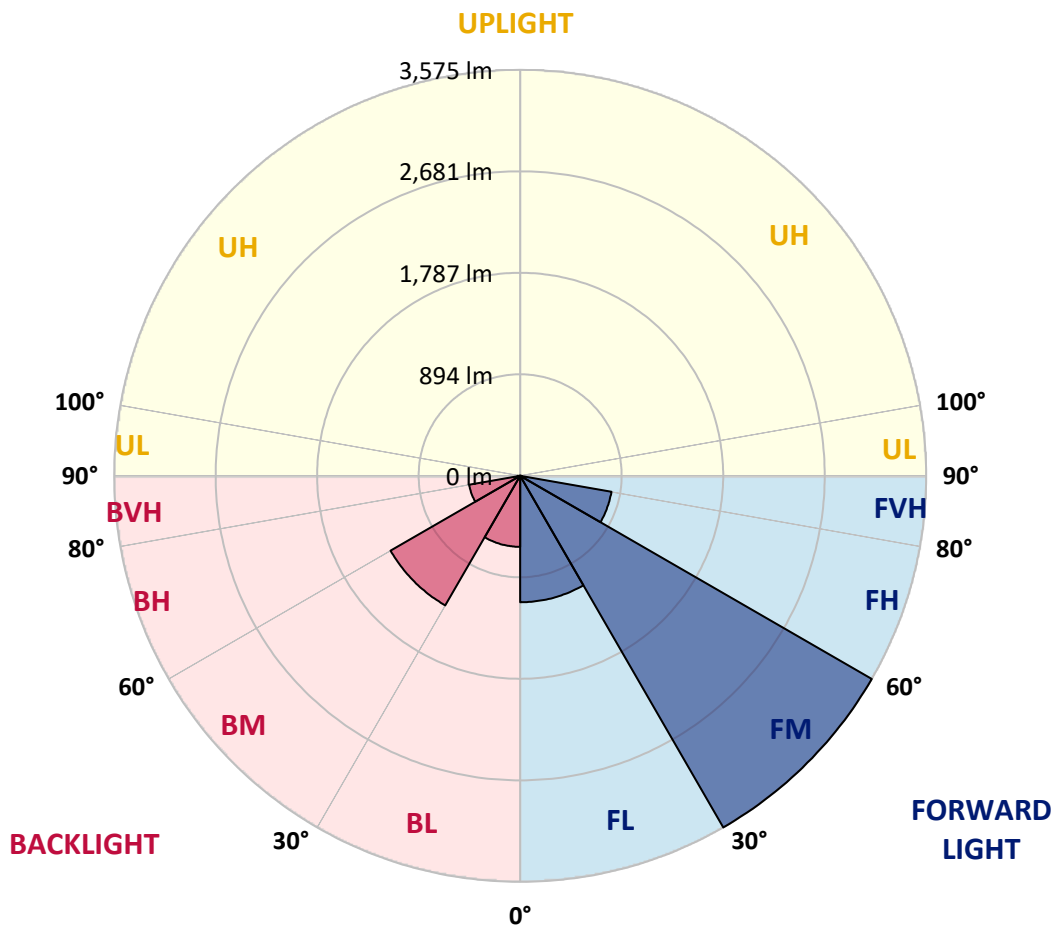
CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1113.2 | 14.0      |                         |      |         |
| FM (30°-60°)   | 3574.5 | 45.0      |                         |      |         |
| FH (60°-80°)   | 815.9  | 10.3      |                         |      | G1/1800 |
| FVH (80°-90°)  | 13.5   | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 625.3  | 7.9       | B2/1000                 |      |         |
| BM (30°-60°)   | 1317.7 | 16.6      | B2/2500                 |      |         |
| BH (60°-80°)   | 455.8  | 5.7       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 23.0   | 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-G1**

Type II Short





REPORT NUMBER: P527274

CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 |
| 2.5°  | 3716.4 | 3695.6 | 3714.1 | 3802.2 | 3853.2 | 3888.0 | 3910.0 | 3906.6 | 3823.1 | 3742.0 | 3742.0 |
| 5°    | 3607.5 | 3580.8 | 3619.1 | 3818.5 | 4019.0 | 4036.4 | 4065.4 | 4017.8 | 3895.0 | 3746.6 | 3561.1 |
| 7.5°  | 3292.2 | 3311.9 | 3375.6 | 3637.6 | 3898.4 | 4029.4 | 4064.2 | 4003.9 | 3804.6 | 3527.5 | 3255.1 |
| 10°   | 3019.8 | 3066.1 | 3213.3 | 3496.2 | 3736.2 | 3906.6 | 3944.8 | 3860.2 | 3702.5 | 3362.9 | 3119.5 |
| 12.5° | 2925.9 | 2896.9 | 3060.3 | 3343.2 | 3572.7 | 3664.3 | 3681.7 | 3687.5 | 3580.8 | 3279.4 | 2982.7 |
| 15°   | 2914.3 | 2932.8 | 3060.3 | 3274.8 | 3416.2 | 3420.8 | 3449.8 | 3495.0 | 3509.0 | 3336.2 | 3046.4 |
| 17.5° | 3081.2 | 3059.2 | 3190.2 | 3360.6 | 3293.3 | 3226.1 | 3233.1 | 3298.0 | 3412.7 | 3384.9 | 3247.0 |
| 20°   | 3328.1 | 3378.0 | 3481.1 | 3463.7 | 3282.9 | 3112.5 | 3113.7 | 3175.1 | 3401.1 | 3586.6 | 3526.3 |
| 22.5° | 3738.5 | 3787.2 | 3863.7 | 3653.9 | 3282.9 | 3078.9 | 3039.5 | 3122.9 | 3475.3 | 3826.6 | 3841.6 |
| 25°   | 4112.9 | 4202.2 | 4223.0 | 3976.1 | 3447.5 | 3110.2 | 3084.7 | 3167.0 | 3549.5 | 4060.7 | 4203.3 |
| 27.5° | 4453.7 | 4486.2 | 4577.7 | 4183.6 | 3539.1 | 3131.0 | 3128.7 | 3234.2 | 3643.4 | 4177.8 | 4526.7 |
| 30°   | 4722.7 | 4719.2 | 4771.3 | 4314.6 | 3685.2 | 3248.1 | 3135.7 | 3335.1 | 3766.3 | 4371.4 | 4825.8 |
| 32.5° | 4905.8 | 4945.2 | 5055.3 | 4496.6 | 3746.6 | 3359.4 | 3271.3 | 3453.3 | 3915.8 | 4463.0 | 5036.8 |
| 35°   | 5228.1 | 5296.5 | 5157.4 | 4597.5 | 3941.3 | 3469.5 | 3366.4 | 3614.4 | 3990.0 | 4562.7 | 5295.3 |
| 37.5° | 5531.8 | 5479.6 | 5338.2 | 4651.9 | 4067.7 | 3673.6 | 3577.3 | 3926.3 | 4220.7 | 4779.5 | 5466.9 |
| 40°   | 5726.5 | 5725.4 | 5473.8 | 4696.0 | 4157.0 | 3985.4 | 3979.6 | 4242.7 | 4503.6 | 4916.2 | 5659.3 |
| 42.5° | 5811.2 | 5892.3 | 5529.5 | 4691.4 | 4344.7 | 4363.3 | 4480.4 | 4715.7 | 4704.1 | 4944.1 | 5654.7 |
| 44°   | 5927.1 | 5975.8 | 5625.7 | 4701.8 | 4469.9 | 4618.3 | 4894.2 | 5043.8 | 4879.1 | 4929.0 | 5648.9 |
| 45°   | 5922.4 | 5925.9 | 5488.9 | 4715.7 | 4576.6 | 4831.6 | 5078.5 | 5331.2 | 5033.3 | 4896.5 | 5725.4 |
| 47.5° | 5786.8 | 5747.4 | 5373.0 | 4612.5 | 4909.3 | 5395.0 | 5623.4 | 5776.4 | 5223.4 | 4827.0 | 5630.3 |
| 50°   | 5519.0 | 5473.8 | 5091.3 | 4568.5 | 4978.8 | 5745.1 | 6060.4 | 6116.0 | 5396.2 | 4758.6 | 5536.4 |
| 52.5° | 5537.6 | 5524.8 | 5171.3 | 4634.5 | 5048.4 | 5855.2 | 6360.6 | 6374.5 | 5592.1 | 4902.3 | 5537.6 |
| 55°   | 5869.1 | 5825.1 | 5400.8 | 4716.9 | 4997.4 | 5726.5 | 6169.4 | 6145.0 | 5526.0 | 4815.4 | 5639.6 |
| 57.5° | 5370.7 | 5399.6 | 5083.2 | 4391.1 | 4373.7 | 4655.4 | 4850.2 | 4789.9 | 4611.4 | 4345.9 | 5246.6 |
| 60°   | 4333.2 | 4415.5 | 4445.6 | 3672.4 | 3300.3 | 3155.4 | 3097.4 | 2990.8 | 3020.9 | 3570.4 | 4609.0 |
| 62.5° | 3716.4 | 3711.8 | 3900.8 | 3329.3 | 2161.9 | 1859.4 | 1831.6 | 1855.9 | 2203.7 | 3514.7 | 4514.0 |
| 65°   | 2946.7 | 3025.6 | 3083.5 | 2821.5 | 1711.0 | 1380.6 | 1379.5 | 1533.6 | 1906.9 | 2937.5 | 3644.6 |
| 67.5° | 1871.0 | 1974.1 | 2046.0 | 1804.9 | 1144.1 | 983.0  | 956.4  | 1141.8 | 1321.5 | 1926.6 | 2194.4 |
| 70°   | 1054.9 | 1103.6 | 1136.0 | 1041.0 | 728.0  | 510.1  | 479.9  | 524.0  | 798.7  | 1247.3 | 1300.6 |
| 72.5° | 406.9  | 428.9  | 473.0  | 476.4  | 274.7  | 164.6  | 133.3  | 160.0  | 336.2  | 493.8  | 470.6  |
| 75°   | 62.6   | 67.2   | 95.1   | 113.6  | 78.8   | 60.3   | 63.8   | 66.1   | 93.9   | 127.5  | 106.6  |
| 77.5° | 30.1   | 30.1   | 29.0   | 33.6   | 39.4   | 42.9   | 46.4   | 51.0   | 55.6   | 61.4   | 59.1   |
| 80°   | 19.7   | 19.7   | 19.7   | 23.2   | 29.0   | 34.8   | 39.4   | 41.7   | 44.1   | 48.7   | 46.4   |
| 82.5° | 12.8   | 12.8   | 12.8   | 17.4   | 23.2   | 29.0   | 31.3   | 37.1   | 41.7   | 48.7   | 45.2   |
| 85°   | 7.0    | 7.0    | 7.0    | 11.6   | 17.4   | 24.3   | 23.2   | 18.5   | 10.4   | 1.2    | 2.3    |
| 87.5° | 2.3    | 2.3    | 2.3    | 2.3    | 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    |



REPORT NUMBER: P527274

CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 |
| 2.5°  | 3644.6 | 3591.3 | 3586.6 | 3477.7 | 3380.3 | 3332.7 | 3294.5 | 3187.8 | 3211.0 | 3149.6 | 3148.4 |
| 5°    | 3468.4 | 3359.4 | 3183.2 | 3038.3 | 2893.4 | 2864.4 | 2738.1 | 2627.9 | 2631.4 | 2552.6 | 2566.5 |
| 7.5°  | 3151.9 | 3076.6 | 2862.1 | 2634.9 | 2442.5 | 2305.7 | 2186.3 | 2114.4 | 2022.8 | 1991.5 | 1975.3 |
| 10°   | 2951.4 | 2858.6 | 2617.5 | 2332.3 | 2116.7 | 2043.7 | 1928.9 | 1865.2 | 1771.3 | 1724.9 | 1692.5 |
| 12.5° | 2863.3 | 2727.6 | 2426.2 | 2136.4 | 1992.7 | 1917.3 | 1820.0 | 1704.0 | 1592.8 | 1549.9 | 1490.8 |
| 15°   | 2872.5 | 2710.2 | 2370.6 | 2057.6 | 1884.9 | 1738.8 | 1651.9 | 1523.2 | 1409.6 | 1334.3 | 1291.4 |
| 17.5° | 3012.8 | 2815.7 | 2396.1 | 1997.3 | 1749.3 | 1566.1 | 1395.7 | 1256.6 | 1166.2 | 1109.4 | 1095.5 |
| 20°   | 3344.3 | 3076.6 | 2439.0 | 1900.0 | 1613.6 | 1385.3 | 1175.4 | 1030.5 | 961.0  | 959.8  | 961.0  |
| 22.5° | 3620.2 | 3354.8 | 2525.9 | 1842.0 | 1478.0 | 1153.4 | 944.8  | 898.4  | 884.5  | 913.5  | 916.9  |
| 25°   | 3992.3 | 3667.8 | 2675.5 | 1811.9 | 1352.8 | 983.0  | 854.3  | 837.0  | 835.8  | 872.9  | 874.0  |
| 27.5° | 4373.7 | 3941.3 | 2764.7 | 1723.8 | 1225.3 | 894.9  | 799.9  | 796.4  | 814.9  | 854.3  | 850.9  |
| 30°   | 4633.4 | 4170.9 | 2925.9 | 1618.3 | 1074.6 | 817.2  | 777.8  | 782.5  | 808.0  | 838.1  | 842.8  |
| 32.5° | 4935.9 | 4396.9 | 2967.6 | 1560.3 | 981.9  | 752.3  | 724.5  | 734.9  | 767.4  | 814.9  | 840.4  |
| 35°   | 5282.6 | 4556.9 | 3031.4 | 1481.5 | 947.1  | 702.5  | 688.6  | 700.2  | 739.6  | 770.9  | 798.7  |
| 37.5° | 5538.7 | 4839.7 | 3042.9 | 1420.0 | 908.8  | 674.7  | 652.6  | 690.9  | 714.1  | 758.1  | 772.0  |
| 40°   | 5728.9 | 5044.9 | 3073.1 | 1381.8 | 878.7  | 638.7  | 638.7  | 664.2  | 695.5  | 736.1  | 763.9  |
| 42.5° | 5850.6 | 5194.5 | 3095.1 | 1347.0 | 820.7  | 628.3  | 622.5  | 648.0  | 689.7  | 729.1  | 741.9  |
| 44°   | 5924.8 | 5258.2 | 3073.1 | 1314.6 | 804.5  | 615.5  | 615.5  | 637.6  | 670.0  | 716.4  | 731.5  |
| 45°   | 5943.3 | 5338.2 | 3024.4 | 1313.4 | 784.8  | 600.5  | 598.2  | 639.9  | 661.9  | 718.7  | 728.0  |
| 47.5° | 6015.2 | 5436.7 | 3030.2 | 1276.3 | 737.3  | 564.5  | 605.1  | 623.7  | 643.4  | 693.2  | 724.5  |
| 50°   | 6012.9 | 5498.2 | 3017.4 | 1221.8 | 702.5  | 524.0  | 591.2  | 612.1  | 631.8  | 682.8  | 695.5  |
| 52.5° | 6029.1 | 5727.7 | 3134.5 | 1134.9 | 639.9  | 471.8  | 544.8  | 591.2  | 615.5  | 658.4  | 685.1  |
| 55°   | 6021.0 | 5858.7 | 3250.4 | 1070.0 | 551.8  | 440.5  | 505.4  | 559.9  | 594.7  | 639.9  | 652.6  |
| 57.5° | 5499.3 | 5178.2 | 3008.2 | 948.2  | 456.7  | 403.4  | 449.8  | 527.4  | 571.5  | 617.9  | 634.1  |
| 60°   | 4493.1 | 3991.2 | 2480.7 | 697.8  | 375.6  | 370.9  | 418.5  | 517.0  | 535.6  | 576.1  | 604.0  |
| 62.5° | 4152.3 | 3500.8 | 1967.2 | 533.2  | 321.1  | 339.7  | 386.0  | 467.2  | 496.1  | 546.0  | 571.5  |
| 65°   | 3249.3 | 2325.4 | 1218.3 | 360.5  | 282.8  | 304.9  | 348.9  | 409.2  | 456.7  | 503.1  | 533.2  |
| 67.5° | 1924.3 | 1270.5 | 602.8  | 252.7  | 246.9  | 270.1  | 315.3  | 360.5  | 415.0  | 466.0  | 481.1  |
| 70°   | 1047.9 | 624.8  | 257.3  | 192.4  | 209.8  | 230.7  | 274.7  | 306.0  | 358.2  | 397.6  | 423.1  |
| 72.5° | 336.2  | 190.1  | 128.7  | 142.6  | 160.0  | 184.3  | 211.0  | 249.2  | 286.3  | 309.5  | 330.4  |
| 75°   | 81.1   | 80.0   | 91.6   | 99.7   | 115.9  | 134.5  | 156.5  | 176.2  | 205.2  | 227.2  | 245.8  |
| 77.5° | 56.8   | 61.4   | 70.7   | 82.3   | 88.1   | 95.1   | 109.0  | 124.0  | 136.8  | 153.0  | 164.6  |
| 80°   | 44.1   | 47.5   | 54.5   | 60.3   | 66.1   | 71.9   | 78.8   | 84.6   | 92.7   | 103.2  | 109.0  |
| 82.5° | 41.7   | 44.1   | 51.0   | 54.5   | 52.2   | 51.0   | 55.6   | 58.0   | 59.1   | 62.6   | 66.1   |
| 85°   | 3.5    | 0.0    | 2.3    | 8.1    | 19.7   | 29.0   | 31.3   | 31.3   | 30.1   | 32.5   | 32.5   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.2    | 4.6    | 3.5    |
| 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: P527274

CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 |
| 2.5°  | 3134.5 | 3095.1 | 3110.2 | 3128.7 | 3102.1 | 3040.6 | 3056.9 | 3049.9 | 3112.5 | 3107.9 | 3170.5 |
| 5°    | 2627.9 | 2566.5 | 2573.5 | 2663.9 | 2634.9 | 2666.2 | 2603.6 | 2595.5 | 2607.1 | 2612.9 | 2623.3 |
| 7.5°  | 2011.2 | 2003.1 | 2072.7 | 2149.2 | 2185.1 | 2148.0 | 2086.6 | 2072.7 | 2059.9 | 2034.4 | 2092.4 |
| 10°   | 1641.5 | 1643.8 | 1639.1 | 1697.1 | 1737.7 | 1729.6 | 1692.5 | 1687.8 | 1663.5 | 1654.2 | 1686.7 |
| 12.5° | 1465.3 | 1434.0 | 1418.9 | 1400.3 | 1431.6 | 1452.5 | 1436.3 | 1424.7 | 1425.8 | 1437.4 | 1442.1 |
| 15°   | 1294.8 | 1275.1 | 1242.7 | 1221.8 | 1236.9 | 1226.5 | 1220.7 | 1243.8 | 1238.0 | 1235.7 | 1263.5 |
| 17.5° | 1103.6 | 1119.8 | 1117.5 | 1094.3 | 1114.0 | 1105.9 | 1104.7 | 1088.5 | 1066.5 | 1050.3 | 1059.5 |
| 20°   | 977.2  | 1007.4 | 1030.5 | 1031.7 | 1042.1 | 1041.0 | 1023.6 | 973.7  | 957.5  | 954.0  | 956.4  |
| 22.5° | 932.0  | 948.2  | 976.1  | 1015.5 | 1015.5 | 996.9  | 976.1  | 918.1  | 903.0  | 886.8  | 879.8  |
| 25°   | 896.1  | 927.4  | 963.3  | 967.9  | 986.5  | 969.1  | 935.5  | 906.5  | 875.2  | 853.2  | 853.2  |
| 27.5° | 877.5  | 912.3  | 939.0  | 947.1  | 972.6  | 958.7  | 923.9  | 886.8  | 849.7  | 848.5  | 828.8  |
| 30°   | 869.4  | 901.9  | 919.3  | 939.0  | 950.6  | 928.5  | 918.1  | 878.7  | 841.6  | 832.3  | 799.9  |
| 32.5° | 845.1  | 891.4  | 923.9  | 919.3  | 928.5  | 919.3  | 904.2  | 871.7  | 830.0  | 809.1  | 805.7  |
| 35°   | 817.2  | 863.6  | 898.4  | 922.7  | 928.5  | 908.8  | 899.6  | 855.5  | 798.7  | 788.3  | 752.3  |
| 37.5° | 802.2  | 830.0  | 872.9  | 912.3  | 920.4  | 910.0  | 878.7  | 833.5  | 776.7  | 765.1  | 733.8  |
| 40°   | 783.6  | 819.6  | 853.2  | 885.6  | 910.0  | 884.5  | 848.5  | 804.5  | 779.0  | 744.2  | 734.9  |
| 42.5° | 769.7  | 810.3  | 838.1  | 874.0  | 901.9  | 868.3  | 826.5  | 796.4  | 760.4  | 737.3  | 710.6  |
| 44°   | 765.1  | 802.2  | 820.7  | 864.8  | 888.0  | 862.5  | 827.7  | 796.4  | 754.7  | 733.8  | 710.6  |
| 45°   | 748.9  | 799.9  | 819.6  | 859.0  | 878.7  | 857.8  | 813.8  | 782.5  | 752.3  | 726.8  | 702.5  |
| 47.5° | 732.6  | 767.4  | 801.0  | 832.3  | 846.2  | 839.3  | 802.2  | 763.9  | 728.0  | 712.9  | 689.7  |
| 50°   | 728.0  | 762.8  | 794.1  | 823.0  | 839.3  | 825.4  | 791.7  | 754.7  | 712.9  | 688.6  | 668.9  |
| 52.5° | 704.8  | 747.7  | 782.5  | 791.7  | 812.6  | 804.5  | 779.0  | 738.4  | 699.0  | 678.1  | 661.9  |
| 55°   | 671.2  | 716.4  | 763.9  | 775.5  | 805.7  | 792.9  | 754.7  | 716.4  | 682.8  | 651.5  | 630.6  |
| 57.5° | 658.4  | 702.5  | 748.9  | 763.9  | 782.5  | 761.6  | 752.3  | 711.8  | 658.4  | 642.2  | 609.7  |
| 60°   | 626.0  | 681.6  | 719.9  | 754.7  | 755.8  | 750.0  | 733.8  | 687.4  | 643.4  | 613.2  | 590.0  |
| 62.5° | 600.5  | 652.6  | 682.8  | 715.2  | 734.9  | 718.7  | 702.5  | 659.6  | 612.1  | 578.4  | 551.8  |
| 65°   | 563.4  | 610.9  | 636.4  | 656.1  | 678.1  | 675.8  | 648.0  | 616.7  | 566.9  | 540.2  | 514.7  |
| 67.5° | 506.6  | 548.3  | 583.1  | 601.6  | 615.5  | 612.1  | 591.2  | 569.2  | 518.2  | 491.5  | 473.0  |
| 70°   | 438.2  | 481.1  | 503.1  | 513.5  | 527.4  | 534.4  | 518.2  | 507.7  | 462.5  | 427.8  | 410.4  |
| 72.5° | 352.4  | 380.2  | 412.7  | 422.0  | 427.8  | 432.4  | 432.4  | 423.1  | 376.7  | 362.8  | 332.7  |
| 75°   | 259.7  | 281.7  | 306.0  | 306.0  | 316.5  | 317.6  | 319.9  | 314.1  | 279.4  | 260.8  | 253.9  |
| 77.5° | 176.2  | 192.4  | 212.1  | 220.3  | 227.2  | 226.0  | 224.9  | 208.7  | 190.1  | 182.0  | 175.0  |
| 80°   | 114.8  | 131.0  | 140.3  | 150.7  | 157.7  | 156.5  | 158.8  | 147.2  | 139.1  | 125.2  | 127.5  |
| 82.5° | 68.4   | 81.1   | 90.4   | 103.2  | 103.2  | 106.6  | 106.6  | 103.2  | 95.1   | 88.1   | 88.1   |
| 85°   | 32.5   | 42.9   | 48.7   | 56.8   | 61.4   | 62.6   | 55.6   | 47.5   | 39.4   | 35.9   | 39.4   |
| 87.5° | 5.8    | 8.1    | 11.6   | 10.4   | 12.8   | 11.6   | 11.6   | 11.6   | 11.6   | 9.3    | 10.4   |
| 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: P527274

CATALOG NUMBER: GALN-SA2B-735-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 | 3541.4 |
| 2.5°  | 3147.3 | 3205.2 | 3245.8 | 3313.0 | 3429.0 | 3521.7 | 3616.8 | 3687.5 | 3695.6 | 3716.4 |
| 5°    | 2661.6 | 2692.9 | 2796.0 | 2930.5 | 3025.6 | 3182.1 | 3282.9 | 3466.1 | 3534.5 | 3607.5 |
| 7.5°  | 2078.5 | 2129.5 | 2267.4 | 2357.8 | 2566.5 | 2762.4 | 2965.3 | 3191.3 | 3281.7 | 3292.2 |
| 10°   | 1752.7 | 1826.9 | 1920.8 | 2065.7 | 2179.3 | 2397.3 | 2650.0 | 2901.5 | 3002.4 | 3019.8 |
| 12.5° | 1539.4 | 1634.5 | 1759.7 | 1864.0 | 1973.0 | 2163.1 | 2405.4 | 2716.0 | 2847.0 | 2925.9 |
| 15°   | 1334.3 | 1432.8 | 1570.7 | 1715.6 | 1811.9 | 2039.1 | 2324.2 | 2674.3 | 2844.7 | 2914.3 |
| 17.5° | 1123.3 | 1214.9 | 1328.5 | 1485.0 | 1678.5 | 1933.6 | 2311.5 | 2813.4 | 3000.1 | 3081.2 |
| 20°   | 942.4  | 993.4  | 1125.6 | 1286.7 | 1529.0 | 1825.8 | 2316.1 | 3018.6 | 3292.2 | 3328.1 |
| 22.5° | 871.7  | 883.3  | 935.5  | 1083.9 | 1349.3 | 1715.6 | 2398.4 | 3309.6 | 3620.2 | 3738.5 |
| 25°   | 817.2  | 814.9  | 828.8  | 928.5  | 1218.3 | 1672.8 | 2479.6 | 3577.3 | 3984.2 | 4112.9 |
| 27.5° | 787.1  | 763.9  | 765.1  | 859.0  | 1125.6 | 1603.2 | 2583.9 | 3884.5 | 4396.9 | 4453.7 |
| 30°   | 772.0  | 767.4  | 753.5  | 791.7  | 1024.7 | 1498.9 | 2601.3 | 4187.1 | 4640.3 | 4722.7 |
| 32.5° | 762.8  | 717.6  | 700.2  | 714.1  | 929.7  | 1385.3 | 2666.2 | 4386.5 | 4941.7 | 4905.8 |
| 35°   | 716.4  | 675.8  | 664.2  | 678.1  | 862.5  | 1321.5 | 2623.3 | 4560.4 | 5167.8 | 5228.1 |
| 37.5° | 699.0  | 663.1  | 639.9  | 628.3  | 799.9  | 1268.2 | 2601.3 | 4828.1 | 5386.9 | 5531.8 |
| 40°   | 682.8  | 644.5  | 616.7  | 605.1  | 751.2  | 1197.5 | 2594.3 | 5034.5 | 5639.6 | 5726.5 |
| 42.5° | 664.2  | 639.9  | 608.6  | 587.7  | 692.1  | 1126.8 | 2514.3 | 5098.2 | 5717.3 | 5811.2 |
| 44°   | 658.4  | 621.3  | 588.9  | 581.9  | 668.9  | 1090.8 | 2498.1 | 5156.2 | 5784.5 | 5927.1 |
| 45°   | 652.6  | 617.9  | 580.8  | 571.5  | 660.8  | 1071.1 | 2476.1 | 5170.1 | 5895.8 | 5922.4 |
| 47.5° | 636.4  | 614.4  | 578.4  | 552.9  | 643.4  | 1028.2 | 2410.0 | 5091.3 | 5782.2 | 5786.8 |
| 50°   | 623.7  | 598.2  | 561.1  | 511.2  | 620.2  | 992.3  | 2440.2 | 5062.3 | 5508.6 | 5519.0 |
| 52.5° | 609.7  | 571.5  | 550.6  | 464.8  | 581.9  | 962.2  | 2503.9 | 5193.3 | 5539.9 | 5537.6 |
| 55°   | 593.5  | 551.8  | 500.8  | 425.4  | 518.2  | 923.9  | 2658.1 | 5451.8 | 5829.7 | 5869.1 |
| 57.5° | 568.0  | 532.1  | 459.0  | 390.7  | 445.1  | 850.9  | 2608.2 | 4956.8 | 5363.7 | 5370.7 |
| 60°   | 534.4  | 500.8  | 416.2  | 364.0  | 365.2  | 671.2  | 2332.3 | 3862.5 | 4232.3 | 4333.2 |
| 62.5° | 501.9  | 483.4  | 380.2  | 325.7  | 310.7  | 534.4  | 1971.8 | 3209.9 | 3633.0 | 3716.4 |
| 65°   | 463.7  | 418.5  | 348.9  | 296.8  | 266.6  | 374.4  | 1396.9 | 2398.4 | 2834.3 | 2946.7 |
| 67.5° | 415.0  | 366.3  | 307.2  | 260.8  | 228.4  | 250.4  | 721.0  | 1363.2 | 1804.9 | 1871.0 |
| 70°   | 362.8  | 317.6  | 258.5  | 220.3  | 184.3  | 172.7  | 317.6  | 650.3  | 986.5  | 1054.9 |
| 72.5° | 297.9  | 256.2  | 206.3  | 173.9  | 137.9  | 119.4  | 106.6  | 173.9  | 350.1  | 406.9  |
| 75°   | 215.6  | 186.6  | 155.3  | 124.0  | 97.4   | 76.5   | 62.6   | 52.2   | 58.0   | 62.6   |
| 77.5° | 158.8  | 135.6  | 114.8  | 88.1   | 68.4   | 54.5   | 42.9   | 32.5   | 31.3   | 30.1   |
| 80°   | 124.0  | 110.1  | 91.6   | 70.7   | 53.3   | 40.6   | 30.1   | 22.0   | 19.7   | 19.7   |
| 82.5° | 97.4   | 90.4   | 75.3   | 58.0   | 44.1   | 32.5   | 22.0   | 15.1   | 12.8   | 12.8   |
| 85°   | 37.1   | 37.1   | 54.5   | 47.5   | 33.6   | 23.2   | 15.1   | 8.1    | 7.0    | 7.0    |
| 87.5° | 9.3    | 9.3    | 9.3    | 9.3    | 8.1    | 7.0    | 7.0    | 3.5    | 2.3    | 2.3    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)