

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: P533776

Luminaire Tested: **GLAN-SA9B-727-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P533776  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA9B-727-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 32130 lumens  
Efficiency: N/A  
Efficacy: 88.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3

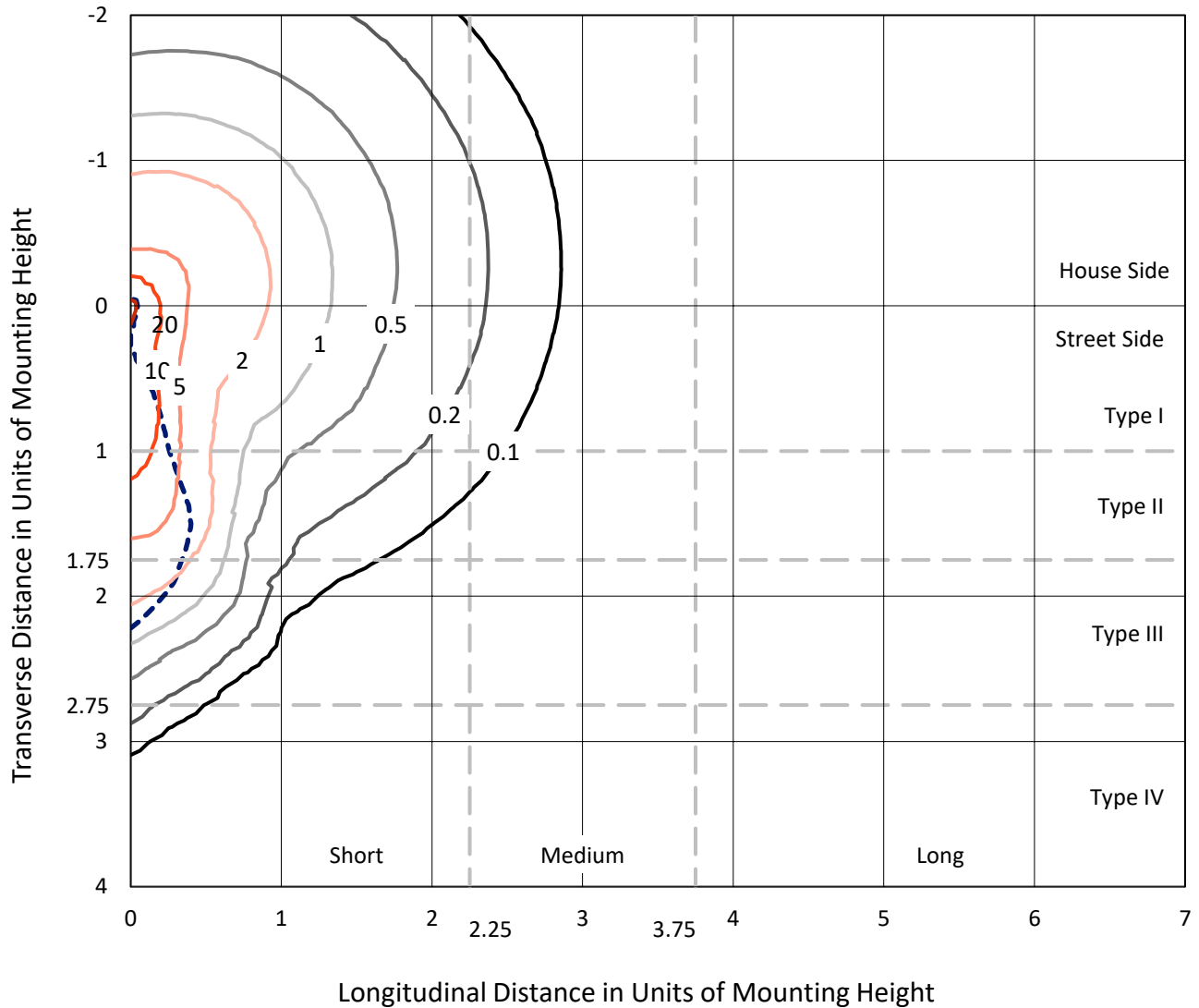
Input Watts (W): 364  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P533776  
 CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

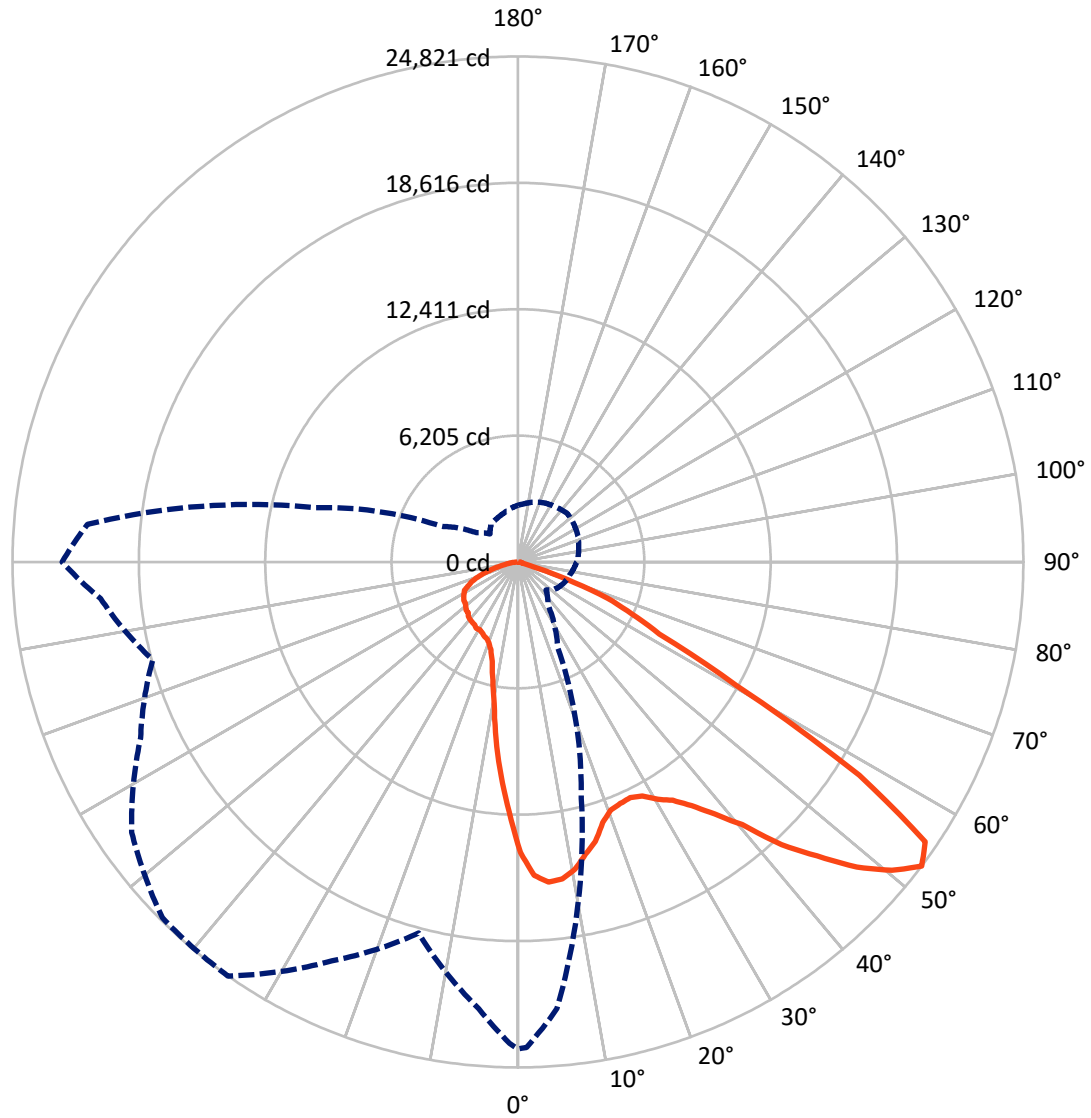
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.8 fc  
 Type III - Short - N/A

REPORT NUMBER: P533776  
CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral    - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P533776  
 CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

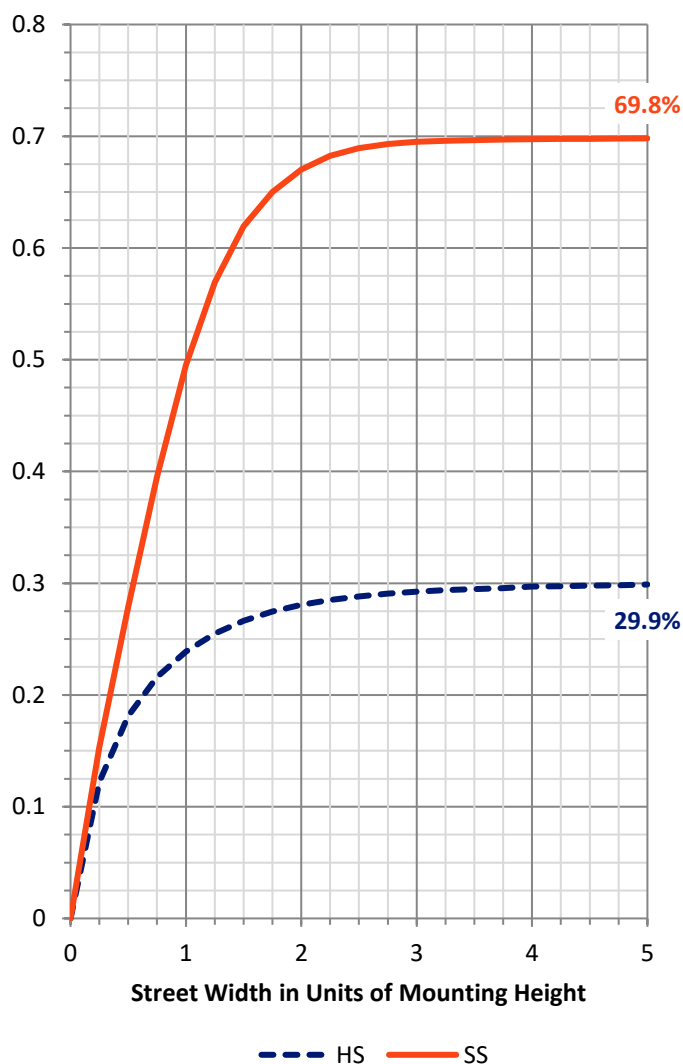
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 9685.8   | 0.0    | 9685.8  |
|                    | % Fixture | 30.1     | 0.0    | 30.1    |
| <b>Street Side</b> | Lumens    | 22444.2  | 0.0    | 22444.2 |
|                    | % Fixture | 69.9     | 0.0    | 69.9    |
| <b>Total</b>       | Lumens    | 32130.0  | 0.0    | 32130.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1087.9  | 3.4       |
| 10°-20°   | 2358.4  | 7.3       |
| 20°-30°   | 3563.3  | 11.1      |
| 30°-40°   | 5149.1  | 16.0      |
| 40°-50°   | 6852.5  | 21.3      |
| 50°-60°   | 7664.7  | 23.9      |
| 60°-70°   | 4319.8  | 13.4      |
| 70°-80°   | 962.9   | 3.0       |
| 80°-90°   | 171.5   | 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°    | 32130.0 | 100.0     |
| 0°-180°   | 32130.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P533776

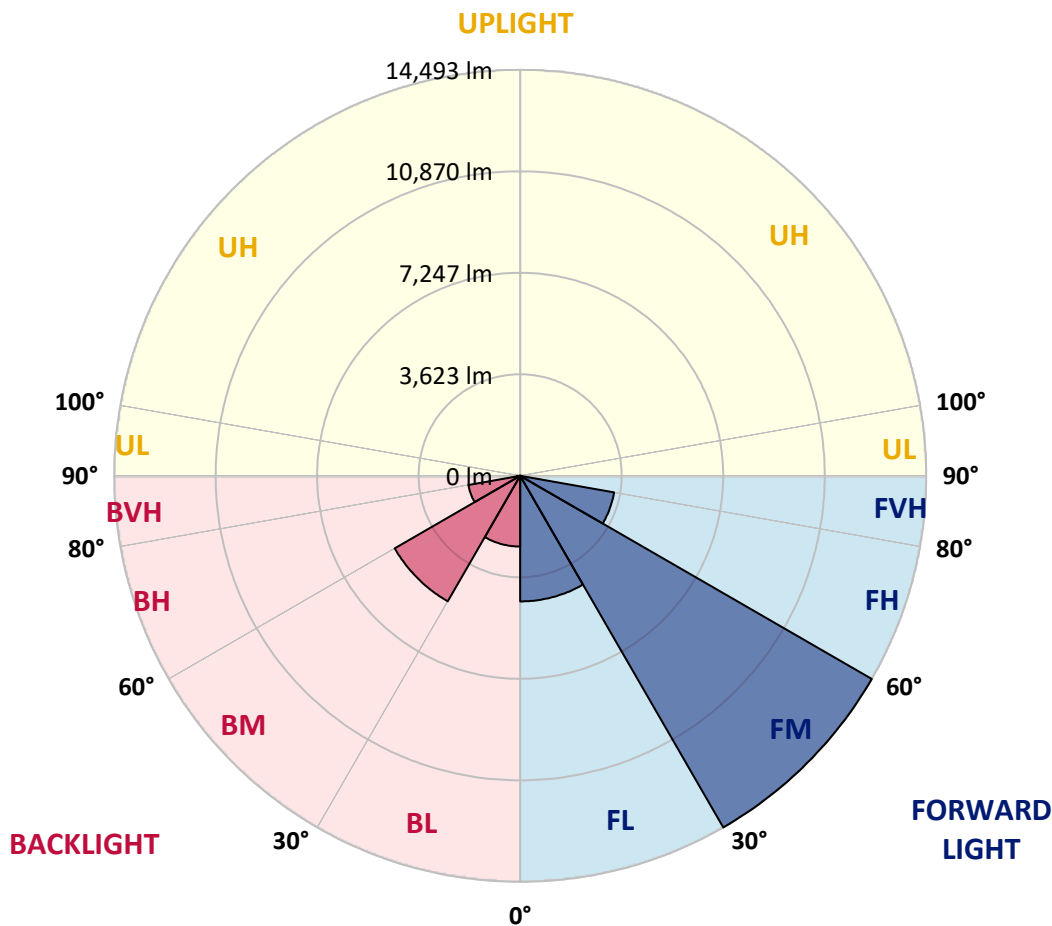
CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

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

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 4483.7  | 14.0      |                         |      |         |
| FM (30°-60°)   | 14493.1 | 45.1      |                         |      |         |
| FH (60°-80°)   | 3405.3  | 10.6      |                         |      | G2/5000 |
| FVH (80°-90°)  | 62.1    | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 2525.8  | 7.9       | B4/5000                 |      |         |
| BM (30°-60°)   | 5173.2  | 16.1      | B4/8500                 |      |         |
| BH (60°-80°)   | 1877.4  | 5.8       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 109.4   | 0.3       |                         |      | G2/225  |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B4-U0-G3**

Type III Short





REPORT NUMBER: P533776

CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 |
| 2.5°  | 14497.0 | 14729.8 | 14478.4 | 14031.3 | 13714.6 | 13425.9 | 13123.2 | 13062.7 | 12666.8 | 12597.0 | 12308.2 |
| 5°    | 13672.7 | 13621.5 | 13314.1 | 12727.4 | 12080.1 | 11493.3 | 11060.2 | 10641.1 | 10357.0 | 10026.4 | 10003.1 |
| 7.5°  | 12671.5 | 12373.4 | 12196.5 | 11307.0 | 10506.0 | 9583.9  | 9188.1  | 8550.1  | 8349.9  | 8051.8  | 7898.1  |
| 10°   | 11777.4 | 11558.5 | 11144.0 | 10254.5 | 9136.9  | 8526.8  | 8103.0  | 7758.4  | 7525.6  | 7218.2  | 6831.7  |
| 12.5° | 11334.9 | 11246.5 | 10780.8 | 9402.3  | 8573.4  | 7921.4  | 7623.4  | 7288.1  | 6892.2  | 6398.6  | 6207.7  |
| 15°   | 11414.1 | 11116.1 | 10762.1 | 9239.3  | 8093.7  | 7465.0  | 6990.0  | 6570.9  | 6063.3  | 5593.0  | 5318.2  |
| 17.5° | 12005.5 | 11777.4 | 11069.5 | 9341.8  | 7912.1  | 7004.0  | 6142.5  | 5523.1  | 5066.7  | 4643.0  | 4452.0  |
| 20°   | 13169.8 | 12839.1 | 12042.8 | 9472.2  | 7520.9  | 6361.4  | 5374.1  | 4610.4  | 4121.4  | 3897.8  | 3832.6  |
| 22.5° | 14459.7 | 14264.1 | 12992.8 | 9765.6  | 7208.9  | 5765.3  | 4559.1  | 3795.4  | 3613.8  | 3553.2  | 3674.3  |
| 25°   | 16029.1 | 15521.5 | 14469.1 | 10245.2 | 6966.8  | 5257.7  | 3869.9  | 3446.1  | 3353.0  | 3413.5  | 3553.2  |
| 27.5° | 17221.3 | 17086.2 | 15502.9 | 10696.9 | 6636.1  | 4647.6  | 3483.4  | 3204.0  | 3231.9  | 3292.4  | 3422.8  |
| 30°   | 18637.0 | 17952.4 | 16504.1 | 11009.0 | 6338.1  | 4228.5  | 3213.3  | 3138.8  | 3166.7  | 3269.2  | 3334.4  |
| 32.5° | 19489.2 | 19233.1 | 17132.8 | 11479.3 | 5993.5  | 3865.2  | 3003.7  | 2933.9  | 2975.8  | 3129.5  | 3283.1  |
| 35°   | 20574.3 | 20066.7 | 17910.5 | 11600.4 | 5751.3  | 3720.9  | 2854.7  | 2803.5  | 2901.3  | 3008.4  | 3180.7  |
| 37.5° | 21841.0 | 21491.7 | 18986.3 | 11516.6 | 5620.9  | 3571.9  | 2729.0  | 2705.7  | 2775.5  | 2924.5  | 3124.8  |
| 40°   | 22590.7 | 22483.6 | 19549.8 | 11567.8 | 5416.0  | 3441.5  | 2584.6  | 2612.5  | 2756.9  | 2873.3  | 3068.9  |
| 42.5° | 23312.5 | 22614.0 | 20383.3 | 11549.2 | 5285.6  | 3264.5  | 2598.6  | 2566.0  | 2677.7  | 2812.8  | 2999.1  |
| 45°   | 23470.9 | 22777.0 | 20578.9 | 11418.8 | 5127.3  | 3092.2  | 2491.5  | 2505.4  | 2640.5  | 2808.1  | 2929.2  |
| 47.5° | 23368.4 | 22856.2 | 20942.2 | 11381.5 | 4978.2  | 2971.1  | 2333.1  | 2500.8  | 2579.9  | 2715.0  | 2887.3  |
| 50°   | 23298.6 | 23270.6 | 21249.5 | 11558.5 | 4778.0  | 2780.2  | 2142.2  | 2440.2  | 2519.4  | 2654.4  | 2840.7  |
| 52.5° | 23913.3 | 23852.7 | 22017.9 | 12024.2 | 4619.7  | 2575.3  | 1946.6  | 2286.5  | 2477.5  | 2607.9  | 2789.5  |
| 55°   | 24285.8 | 24020.4 | 23335.8 | 12597.0 | 4354.2  | 2305.2  | 1811.5  | 2095.6  | 2375.0  | 2491.5  | 2677.7  |
| 57.5° | 21845.6 | 21664.0 | 21109.8 | 11758.7 | 3907.2  | 1951.2  | 1643.9  | 1900.0  | 2235.3  | 2416.9  | 2607.9  |
| 60°   | 18176.0 | 17891.9 | 16471.5 | 9993.8  | 2882.6  | 1518.2  | 1541.4  | 1746.3  | 2198.1  | 2267.9  | 2491.5  |
| 62.5° | 17137.5 | 16434.3 | 14501.7 | 8042.5  | 2212.0  | 1303.9  | 1383.1  | 1606.6  | 2002.5  | 2118.9  | 2342.4  |
| 65°   | 13598.2 | 13076.6 | 10375.6 | 5807.2  | 1480.9  | 1131.6  | 1262.0  | 1448.3  | 1727.7  | 1955.9  | 2160.8  |
| 67.5° | 8512.9  | 8014.6  | 5537.1  | 2747.6  | 1033.8  | 968.6   | 1127.0  | 1322.6  | 1550.8  | 1755.7  | 1983.8  |
| 70°   | 4447.4  | 3902.5  | 2556.6  | 991.9   | 712.5   | 791.7   | 940.7   | 1127.0  | 1350.5  | 1518.2  | 1695.1  |
| 72.5° | 1657.9  | 1345.9  | 833.6   | 428.4   | 493.6   | 605.4   | 763.7   | 898.8   | 1057.1  | 1262.0  | 1359.8  |
| 75°   | 256.1   | 218.9   | 214.2   | 260.8   | 335.3   | 437.8   | 544.9   | 679.9   | 819.6   | 950.0   | 1015.2  |
| 77.5° | 121.1   | 116.4   | 130.4   | 172.3   | 223.5   | 312.0   | 395.8   | 526.2   | 638.0   | 721.8   | 759.1   |
| 80°   | 79.2    | 74.5    | 83.8    | 116.4   | 167.6   | 232.8   | 316.7   | 405.2   | 507.6   | 577.5   | 568.1   |
| 82.5° | 46.6    | 51.2    | 51.2    | 79.2    | 116.4   | 167.6   | 228.2   | 307.4   | 377.2   | 437.8   | 400.5   |
| 85°   | 27.9    | 23.3    | 23.3    | 46.6    | 79.2    | 135.1   | 190.9   | 130.4   | 135.1   | 135.1   | 153.7   |
| 87.5° | 9.3     | 9.3     | 9.3     | 4.7     | 9.3     | 9.3     | 14.0    | 23.3    | 27.9    | 32.6    | 41.9    |
| 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: P533776

CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 |
| 2.5°  | 12298.9 | 12443.3 | 12392.1 | 12210.4 | 12350.2 | 12373.4 | 12280.3 | 12601.6 | 12662.2 | 12564.4 | 12592.3 |
| 5°    | 9970.5  | 10007.7 | 10091.5 | 10268.5 | 10394.2 | 10543.3 | 10543.3 | 10552.6 | 10426.8 | 10743.5 | 10650.4 |
| 7.5°  | 7767.7  | 7791.0  | 7888.8  | 8266.0  | 8373.1  | 8657.2  | 8778.3  | 8694.5  | 8443.0  | 8335.9  | 8424.4  |
| 10°   | 6706.0  | 6570.9  | 6538.3  | 6584.9  | 6827.0  | 6948.1  | 7050.6  | 7022.6  | 6980.7  | 6896.9  | 6803.8  |
| 12.5° | 5998.1  | 5900.3  | 5821.2  | 5709.4  | 5723.4  | 5839.8  | 5918.9  | 5853.7  | 5872.4  | 5891.0  | 5918.9  |
| 15°   | 5229.7  | 5159.9  | 5118.0  | 4950.3  | 4931.7  | 5010.8  | 5038.8  | 5076.0  | 5145.9  | 5150.6  | 5118.0  |
| 17.5° | 4414.8  | 4354.2  | 4447.4  | 4540.5  | 4475.3  | 4480.0  | 4531.2  | 4563.8  | 4545.2  | 4461.3  | 4419.4  |
| 20°   | 3855.9  | 3921.1  | 4014.3  | 4102.7  | 4172.6  | 4214.5  | 4233.1  | 4181.9  | 4121.4  | 3949.1  | 3944.4  |
| 22.5° | 3692.9  | 3776.8  | 3855.9  | 3991.0  | 4056.2  | 4163.3  | 4065.5  | 3949.1  | 3865.2  | 3781.4  | 3683.6  |
| 25°   | 3571.9  | 3641.7  | 3800.0  | 3851.3  | 3977.0  | 4065.5  | 3995.6  | 3879.2  | 3734.9  | 3613.8  | 3539.3  |
| 27.5° | 3483.4  | 3562.5  | 3665.0  | 3804.7  | 3902.5  | 3953.7  | 3883.9  | 3837.3  | 3688.3  | 3543.9  | 3436.8  |
| 30°   | 3427.5  | 3511.3  | 3697.6  | 3814.0  | 3897.8  | 3939.8  | 3818.7  | 3762.8  | 3655.7  | 3534.6  | 3441.5  |
| 32.5° | 3390.2  | 3464.7  | 3623.1  | 3772.1  | 3828.0  | 3828.0  | 3846.6  | 3781.4  | 3632.4  | 3427.5  | 3348.3  |
| 35°   | 3269.2  | 3371.6  | 3502.0  | 3674.3  | 3776.8  | 3837.3  | 3744.2  | 3669.7  | 3571.9  | 3362.3  | 3217.9  |
| 37.5° | 3199.3  | 3269.2  | 3436.8  | 3599.8  | 3688.3  | 3753.5  | 3716.2  | 3585.8  | 3455.4  | 3283.1  | 3166.7  |
| 40°   | 3124.8  | 3236.6  | 3385.6  | 3539.3  | 3637.1  | 3702.3  | 3674.3  | 3520.6  | 3362.3  | 3199.3  | 3120.1  |
| 42.5° | 3073.6  | 3148.1  | 3301.8  | 3474.1  | 3590.5  | 3716.2  | 3632.4  | 3441.5  | 3329.7  | 3106.2  | 3017.7  |
| 45°   | 3031.7  | 3152.7  | 3315.7  | 3385.6  | 3506.7  | 3637.1  | 3488.0  | 3371.6  | 3241.2  | 3078.2  | 3003.7  |
| 47.5° | 2980.4  | 3092.2  | 3199.3  | 3385.6  | 3441.5  | 3502.0  | 3474.1  | 3287.8  | 3176.0  | 2999.1  | 2947.8  |
| 50°   | 2961.8  | 3003.7  | 3199.3  | 3301.8  | 3380.9  | 3441.5  | 3367.0  | 3227.2  | 3120.1  | 2938.5  | 2826.8  |
| 52.5° | 2887.3  | 2966.5  | 3092.2  | 3227.2  | 3325.0  | 3399.6  | 3278.5  | 3190.0  | 3045.6  | 2854.7  | 2784.8  |
| 55°   | 2794.2  | 2840.7  | 3064.3  | 3204.0  | 3255.2  | 3306.4  | 3259.8  | 3115.5  | 2966.5  | 2770.9  | 2701.0  |
| 57.5° | 2673.1  | 2780.2  | 2961.8  | 3157.4  | 3222.6  | 3250.5  | 3176.0  | 3059.6  | 2873.3  | 2701.0  | 2589.2  |
| 60°   | 2547.3  | 2659.1  | 2859.3  | 3017.7  | 3082.9  | 3185.3  | 3073.6  | 3003.7  | 2789.5  | 2598.6  | 2477.5  |
| 62.5° | 2421.6  | 2547.3  | 2696.4  | 2896.6  | 2952.5  | 2994.4  | 2966.5  | 2868.7  | 2696.4  | 2482.1  | 2333.1  |
| 65°   | 2272.6  | 2365.7  | 2552.0  | 2654.4  | 2691.7  | 2789.5  | 2691.7  | 2654.4  | 2500.8  | 2295.9  | 2170.1  |
| 67.5° | 2049.0  | 2128.2  | 2291.2  | 2389.0  | 2416.9  | 2458.9  | 2454.2  | 2412.3  | 2240.0  | 2100.3  | 1988.5  |
| 70°   | 1792.9  | 1862.8  | 1965.2  | 2081.6  | 2095.6  | 2146.8  | 2100.3  | 2091.0  | 1979.2  | 1788.3  | 1727.7  |
| 72.5° | 1439.0  | 1504.2  | 1639.2  | 1690.5  | 1695.1  | 1713.7  | 1690.5  | 1657.9  | 1629.9  | 1429.7  | 1369.1  |
| 75°   | 1103.7  | 1140.9  | 1206.1  | 1252.7  | 1252.7  | 1276.0  | 1262.0  | 1229.4  | 1154.9  | 1029.2  | 968.6   |
| 77.5° | 768.4   | 805.6   | 889.5   | 917.4   | 912.8   | 922.1   | 880.2   | 847.6   | 735.8   | 670.6   | 619.4   |
| 80°   | 558.8   | 582.1   | 624.0   | 642.7   | 647.3   | 661.3   | 610.1   | 582.1   | 516.9   | 442.4   | 419.1   |
| 82.5° | 405.2   | 419.1   | 423.8   | 447.1   | 447.1   | 423.8   | 409.8   | 381.9   | 335.3   | 288.7   | 270.1   |
| 85°   | 167.6   | 172.3   | 177.0   | 204.9   | 209.6   | 251.5   | 232.8   | 218.9   | 190.9   | 163.0   | 149.0   |
| 87.5° | 41.9    | 46.6    | 60.5    | 51.2    | 60.5    | 60.5    | 65.2    | 74.5    | 74.5    | 60.5    | 60.5    |
| 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: P533776

CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 |
| 2.5°  | 12699.4 | 12736.7 | 13211.7 | 13272.2 | 13505.1 | 13742.6 | 14222.2 | 14566.8 | 14846.3 | 15027.9 | 15079.1 |
| 5°    | 10748.2 | 10985.7 | 11204.6 | 11558.5 | 11879.8 | 12336.2 | 12862.4 | 13514.4 | 14334.0 | 14753.1 | 14920.8 |
| 7.5°  | 8415.1  | 8694.5  | 9011.1  | 9355.8  | 9826.1  | 10645.7 | 11348.9 | 12103.3 | 13151.1 | 13584.2 | 14240.9 |
| 10°   | 6869.0  | 7181.0  | 7600.1  | 7865.5  | 8433.7  | 9216.0  | 10035.7 | 10906.5 | 11907.7 | 12531.8 | 13290.9 |
| 12.5° | 6072.6  | 6328.8  | 6715.3  | 7274.1  | 7697.9  | 8205.5  | 8815.6  | 9914.6  | 11348.9 | 11940.3 | 12461.9 |
| 15°   | 5192.5  | 5476.5  | 5923.6  | 6543.0  | 7050.6  | 7656.0  | 8340.5  | 9537.4  | 11064.8 | 11977.6 | 12420.0 |
| 17.5° | 4466.0  | 4670.9  | 5141.2  | 5676.8  | 6258.9  | 6920.2  | 7902.8  | 9518.7  | 11362.9 | 12531.8 | 13253.6 |
| 20°   | 3963.0  | 3991.0  | 4247.1  | 4703.5  | 5495.2  | 6356.7  | 7632.7  | 9425.6  | 12317.6 | 13486.4 | 14399.2 |
| 22.5° | 3646.4  | 3618.4  | 3623.1  | 4009.6  | 4563.8  | 5802.5  | 7208.9  | 9742.3  | 13402.6 | 15004.6 | 15619.3 |
| 25°   | 3488.0  | 3413.5  | 3367.0  | 3450.8  | 3953.7  | 5145.9  | 6887.6  | 10161.4 | 14571.5 | 16257.3 | 17011.7 |
| 27.5° | 3404.2  | 3273.8  | 3180.7  | 3194.6  | 3562.5  | 4815.3  | 6687.3  | 10343.0 | 15731.1 | 18003.7 | 18269.1 |
| 30°   | 3371.6  | 3208.6  | 3073.6  | 3027.0  | 3269.2  | 4354.2  | 6258.9  | 10655.0 | 16769.6 | 18963.0 | 19191.2 |
| 32.5° | 3255.2  | 3054.9  | 2924.5  | 2882.6  | 2980.4  | 3949.1  | 5951.5  | 10878.6 | 17687.0 | 20006.1 | 19927.0 |
| 35°   | 3120.1  | 2952.5  | 2789.5  | 2710.3  | 2780.2  | 3688.3  | 5704.7  | 10771.5 | 18767.4 | 20816.4 | 20774.5 |
| 37.5° | 3106.2  | 2887.3  | 2752.2  | 2621.8  | 2617.2  | 3367.0  | 5369.4  | 10873.9 | 19456.6 | 22269.4 | 21696.6 |
| 40°   | 2985.1  | 2845.4  | 2668.4  | 2561.3  | 2500.8  | 3204.0  | 5043.4  | 10631.8 | 20467.2 | 22856.2 | 22292.7 |
| 42.5° | 2989.7  | 2780.2  | 2626.5  | 2500.8  | 2440.2  | 2966.5  | 4819.9  | 10566.6 | 20821.1 | 23810.8 | 22572.1 |
| 45°   | 2915.2  | 2710.3  | 2579.9  | 2430.9  | 2398.3  | 2784.8  | 4605.7  | 10263.9 | 21445.1 | 23857.4 | 22222.8 |
| 47.5° | 2840.7  | 2659.1  | 2519.4  | 2342.4  | 2267.9  | 2719.6  | 4438.0  | 10012.4 | 21119.1 | 23419.7 | 21738.5 |
| 50°   | 2789.5  | 2579.9  | 2449.5  | 2323.8  | 2114.2  | 2607.9  | 4219.2  | 9951.8  | 20662.8 | 22828.2 | 20839.7 |
| 52.5° | 2701.0  | 2514.7  | 2379.7  | 2281.9  | 1946.6  | 2505.4  | 4135.3  | 10305.8 | 21221.6 | 22385.8 | 20578.9 |
| 55°   | 2617.2  | 2426.3  | 2253.9  | 2063.0  | 1806.9  | 2235.3  | 3902.5  | 10636.4 | 22036.5 | 23405.7 | 21761.8 |
| 57.5° | 2528.7  | 2347.1  | 2160.8  | 1932.6  | 1671.8  | 1955.9  | 3660.3  | 10696.9 | 20509.1 | 21631.4 | 20658.1 |
| 60°   | 2412.3  | 2179.4  | 2039.7  | 1741.7  | 1527.5  | 1620.6  | 2901.3  | 9430.3  | 15908.0 | 18064.2 | 18096.8 |
| 62.5° | 2281.9  | 2030.4  | 1909.3  | 1560.1  | 1378.4  | 1397.1  | 2365.7  | 7926.1  | 12904.3 | 14953.4 | 15842.8 |
| 65°   | 2109.6  | 1867.4  | 1723.1  | 1443.6  | 1271.3  | 1210.8  | 1732.4  | 5807.2  | 9802.8  | 12131.3 | 13141.8 |
| 67.5° | 1886.1  | 1657.9  | 1476.2  | 1257.4  | 1136.3  | 1038.5  | 1182.9  | 3269.2  | 5788.6  | 8145.0  | 8452.3  |
| 70°   | 1648.5  | 1453.0  | 1262.0  | 1080.4  | 945.4   | 875.5   | 866.2   | 1448.3  | 2766.2  | 4382.2  | 4987.6  |
| 72.5° | 1299.3  | 1159.6  | 1005.9  | 870.8   | 782.4   | 679.9   | 619.4   | 600.7   | 936.0   | 1783.6  | 2463.5  |
| 75°   | 931.4   | 815.0   | 726.5   | 638.0   | 572.8   | 516.9   | 470.3   | 428.4   | 391.2   | 447.1   | 614.7   |
| 77.5° | 586.8   | 544.9   | 475.0   | 451.7   | 414.5   | 400.5   | 381.9   | 358.6   | 330.6   | 312.0   | 312.0   |
| 80°   | 395.8   | 367.9   | 344.6   | 340.0   | 326.0   | 321.3   | 326.0   | 302.7   | 274.8   | 251.5   | 260.8   |
| 82.5° | 265.4   | 260.8   | 256.1   | 251.5   | 256.1   | 260.8   | 270.1   | 265.4   | 242.2   | 228.2   | 232.8   |
| 85°   | 158.3   | 167.6   | 177.0   | 186.3   | 204.9   | 181.6   | 149.0   | 125.7   | 111.8   | 102.5   | 97.8    |
| 87.5° | 60.5    | 83.8    | 74.5    | 69.9    | 74.5    | 69.9    | 65.2    | 60.5    | 51.2    | 46.6    | 46.6    |
| 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: P533776

CATALOG NUMBER: GLAN-SA9B-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 | 14259.5 |
| 2.5°  | 15419.1 | 15512.2 | 15591.4 | 15572.7 | 15409.8 | 15190.9 | 15102.4 | 14650.7 | 14557.5 | 14497.0 |
| 5°    | 15628.6 | 16168.8 | 16285.3 | 16215.4 | 15791.6 | 15256.1 | 14734.5 | 14073.2 | 13686.7 | 13672.7 |
| 7.5°  | 15242.1 | 15908.0 | 16117.6 | 16275.9 | 15712.5 | 14781.1 | 13886.9 | 12895.0 | 12652.9 | 12671.5 |
| 10°   | 14259.5 | 15321.3 | 15838.2 | 16001.2 | 15353.9 | 14548.2 | 13309.5 | 12303.6 | 11786.7 | 11777.4 |
| 12.5° | 13714.6 | 14548.2 | 14692.6 | 14920.8 | 14729.8 | 13914.9 | 12974.2 | 11847.2 | 11344.3 | 11334.9 |
| 15°   | 13230.3 | 13779.8 | 13821.7 | 14143.1 | 14245.5 | 13696.0 | 13062.7 | 11861.2 | 11456.0 | 11414.1 |
| 17.5° | 13654.1 | 13272.2 | 13113.9 | 13155.8 | 13458.5 | 13658.7 | 13574.9 | 12652.9 | 12238.4 | 12005.5 |
| 20°   | 13938.2 | 13085.9 | 12606.3 | 12652.9 | 13011.4 | 13742.6 | 14338.7 | 13798.5 | 13141.8 | 13169.8 |
| 22.5° | 14697.2 | 13113.9 | 12364.1 | 12312.9 | 12881.0 | 14180.3 | 15200.2 | 15246.8 | 14613.4 | 14459.7 |
| 25°   | 15833.5 | 13435.2 | 12289.6 | 12275.6 | 12820.5 | 14650.7 | 16206.1 | 16960.5 | 16313.2 | 16029.1 |
| 27.5° | 16746.3 | 13938.2 | 12522.5 | 12569.0 | 13011.4 | 15032.5 | 17063.0 | 18064.2 | 17570.6 | 17221.3 |
| 30°   | 17547.3 | 14459.7 | 12848.4 | 12634.2 | 13523.7 | 15232.8 | 17430.9 | 19321.6 | 18925.7 | 18637.0 |
| 32.5° | 17877.9 | 15200.2 | 13365.4 | 13011.4 | 13947.5 | 15474.9 | 18194.6 | 20541.7 | 20201.7 | 19489.2 |
| 35°   | 18436.7 | 15614.7 | 13644.8 | 13616.8 | 14687.9 | 16057.1 | 18553.2 | 21347.3 | 21207.6 | 20574.3 |
| 37.5° | 18883.8 | 16033.8 | 14636.7 | 14329.3 | 15703.1 | 17035.0 | 19130.6 | 22460.3 | 22139.0 | 21841.0 |
| 40°   | 19228.4 | 16783.5 | 15563.4 | 15968.6 | 16951.2 | 17924.5 | 19661.5 | 22530.2 | 23456.9 | 22590.7 |
| 42.5° | 18911.8 | 17454.1 | 17086.2 | 18054.9 | 18986.3 | 18939.7 | 19722.1 | 23070.4 | 23764.3 | 23312.5 |
| 45°   | 18832.6 | 18590.4 | 19493.9 | 20374.0 | 20588.2 | 19782.6 | 19289.0 | 22474.3 | 23671.1 | 23470.9 |
| 47.5° | 18641.7 | 19708.1 | 21282.1 | 22716.5 | 22390.5 | 20346.1 | 18772.0 | 22367.2 | 23727.0 | 23368.4 |
| 50°   | 18576.5 | 19950.2 | 22604.7 | 24001.8 | 23806.2 | 20835.1 | 18529.9 | 21678.0 | 23331.2 | 23298.6 |
| 52.5° | 18571.8 | 20448.5 | 23154.2 | 24700.3 | 24821.4 | 21608.1 | 18860.5 | 22027.2 | 23638.5 | 23913.3 |
| 55°   | 18781.4 | 20290.2 | 23084.4 | 24313.8 | 24267.2 | 21263.5 | 18897.8 | 22260.1 | 24015.7 | 24285.8 |
| 57.5° | 17714.9 | 18176.0 | 19051.5 | 20024.8 | 19773.3 | 17612.5 | 16876.7 | 20578.9 | 22041.2 | 21845.6 |
| 60°   | 15298.0 | 13854.3 | 12867.1 | 12820.5 | 12331.5 | 11656.3 | 13812.4 | 18366.9 | 18366.9 | 18176.0 |
| 62.5° | 13398.0 | 9095.0  | 7814.3  | 7451.1  | 7800.3  | 8578.0  | 13323.5 | 17863.9 | 17356.3 | 17137.5 |
| 65°   | 11716.8 | 6943.5  | 5648.8  | 5546.4  | 6151.8  | 7325.3  | 12047.5 | 15218.8 | 14324.7 | 13598.2 |
| 67.5° | 7539.6  | 5085.4  | 4200.5  | 4018.9  | 4750.1  | 5378.7  | 8019.2  | 9360.4  | 8796.9  | 8512.9  |
| 70°   | 4861.8  | 3311.1  | 2337.8  | 2193.4  | 2477.5  | 3315.7  | 5122.6  | 5457.9  | 4638.3  | 4447.4  |
| 72.5° | 2300.5  | 1429.7  | 819.6   | 675.3   | 759.1   | 1266.7  | 2025.8  | 2179.4  | 1811.5  | 1657.9  |
| 75°   | 731.1   | 526.2   | 335.3   | 288.7   | 274.8   | 326.0   | 465.7   | 358.6   | 260.8   | 256.1   |
| 77.5° | 326.0   | 312.0   | 265.4   | 223.5   | 195.6   | 163.0   | 135.1   | 111.8   | 116.4   | 121.1   |
| 80°   | 270.1   | 246.8   | 218.9   | 195.6   | 163.0   | 125.7   | 97.8    | 74.5    | 74.5    | 79.2    |
| 82.5° | 237.5   | 214.2   | 190.9   | 163.0   | 139.7   | 102.5   | 74.5    | 51.2    | 46.6    | 46.6    |
| 85°   | 102.5   | 121.1   | 130.4   | 139.7   | 111.8   | 83.8    | 51.2    | 32.6    | 27.9    | 27.9    |
| 87.5° | 41.9    | 37.3    | 32.6    | 27.9    | 23.3    | 23.3    | 18.6    | 14.0    | 9.3     | 9.3     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)