

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: P528079

Luminaire Tested: **GLAN-SA3A-827-U-SLL-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528079  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA3A-827-U-SLL-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5548 lumens  
Efficiency: N/A  
Efficacy: 59.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G1

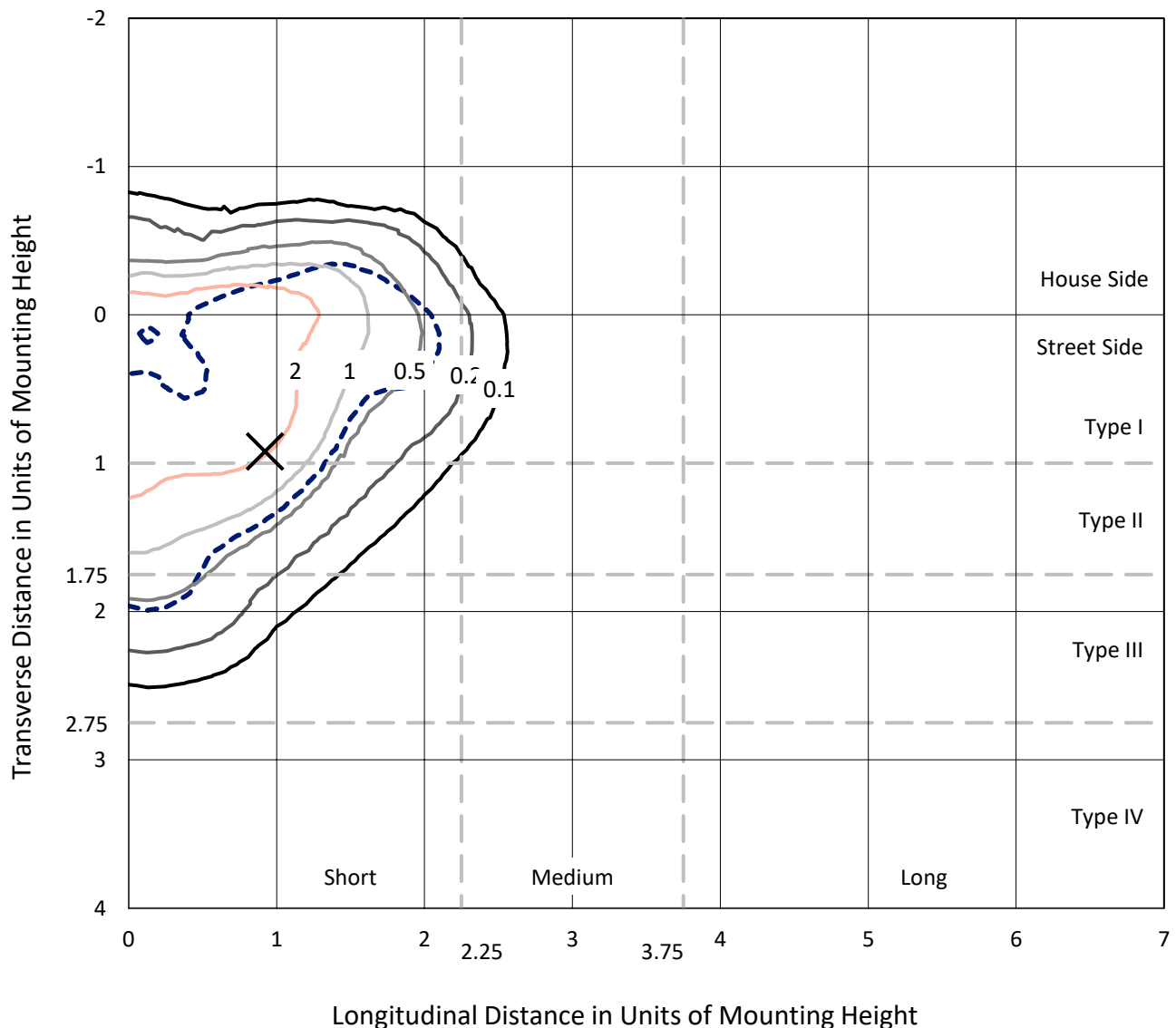
Input Watts (W): 93  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

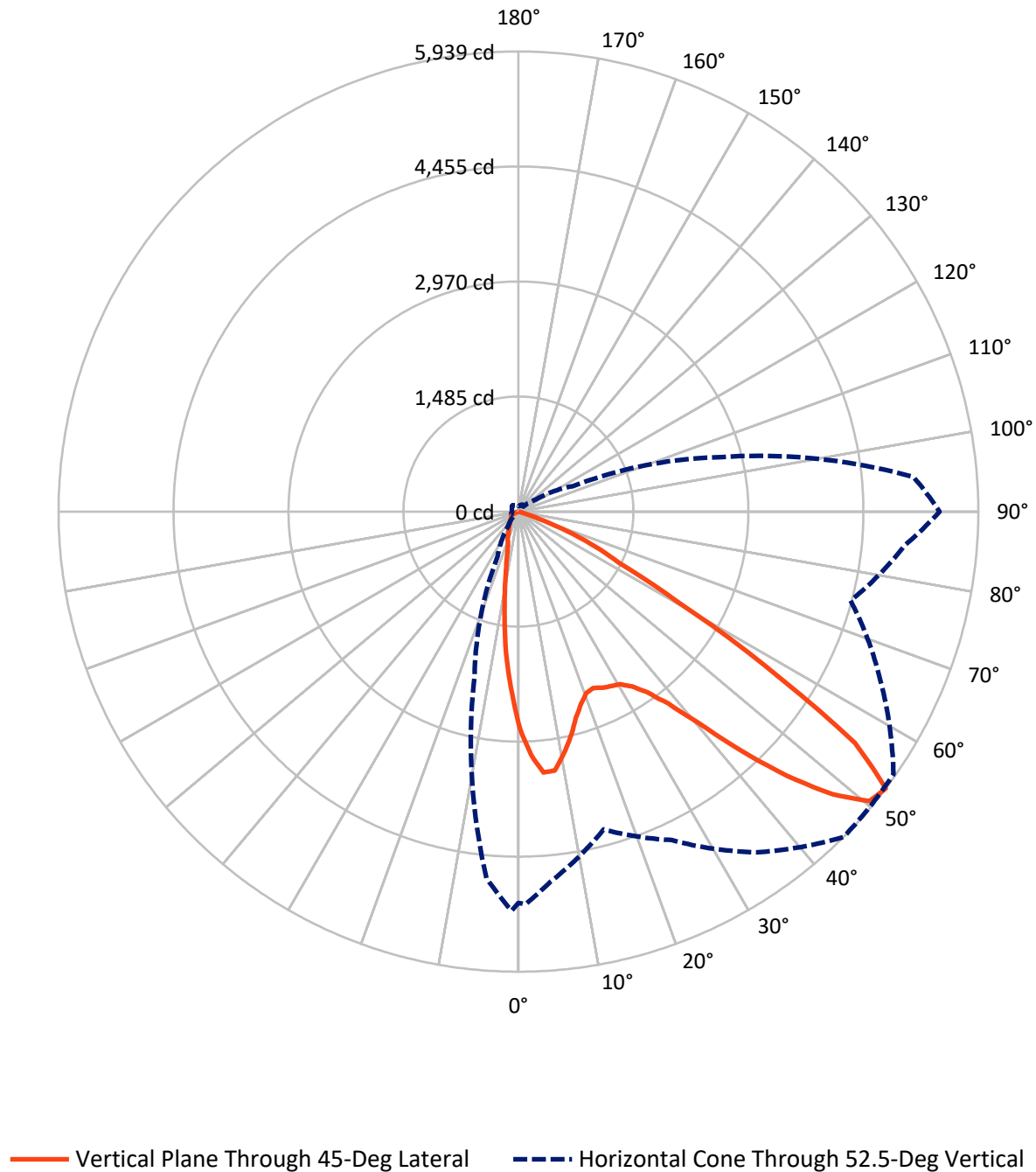
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.9 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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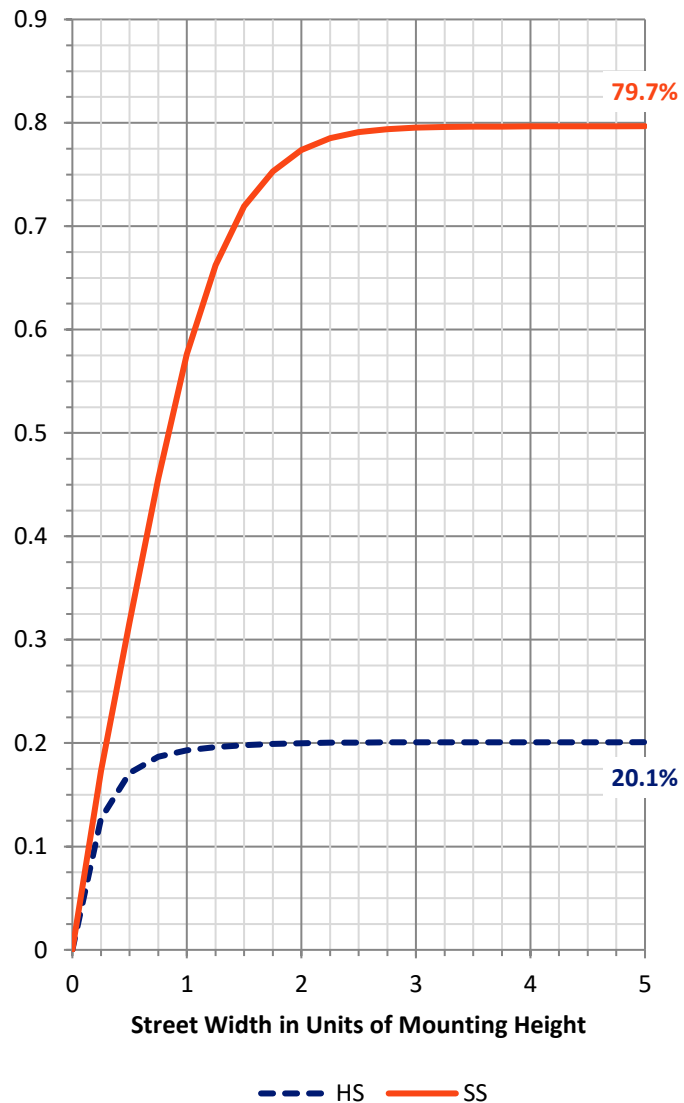
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1126.0   | 0.0    | 1126.0 |
|                    | % Fixture | 20.3     | 0.0    | 20.3   |
| <b>Street Side</b> | Lumens    | 4422.0   | 0.0    | 4422.0 |
|                    | % Fixture | 79.7     | 0.0    | 79.7   |
| <b>Total</b>       | Lumens    | 5548.0   | 0.0    | 5548.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 205.2  | 3.7       |
| 10°-20°   | 404.8  | 7.3       |
| 20°-30°   | 616.0  | 11.1      |
| 30°-40°   | 920.7  | 16.6      |
| 40°-50°   | 1311.1 | 23.6      |
| 50°-60°   | 1409.4 | 25.4      |
| 60°-70°   | 624.5  | 11.3      |
| 70°-80°   | 50.5   | 0.9       |
| 80°-90°   | 5.9    | 0.1       |
| 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°    | 5548.0 | 100.0     |
| 0°-180°   | 5548.0 | 100.0     |

**Coefficient of Utilization**



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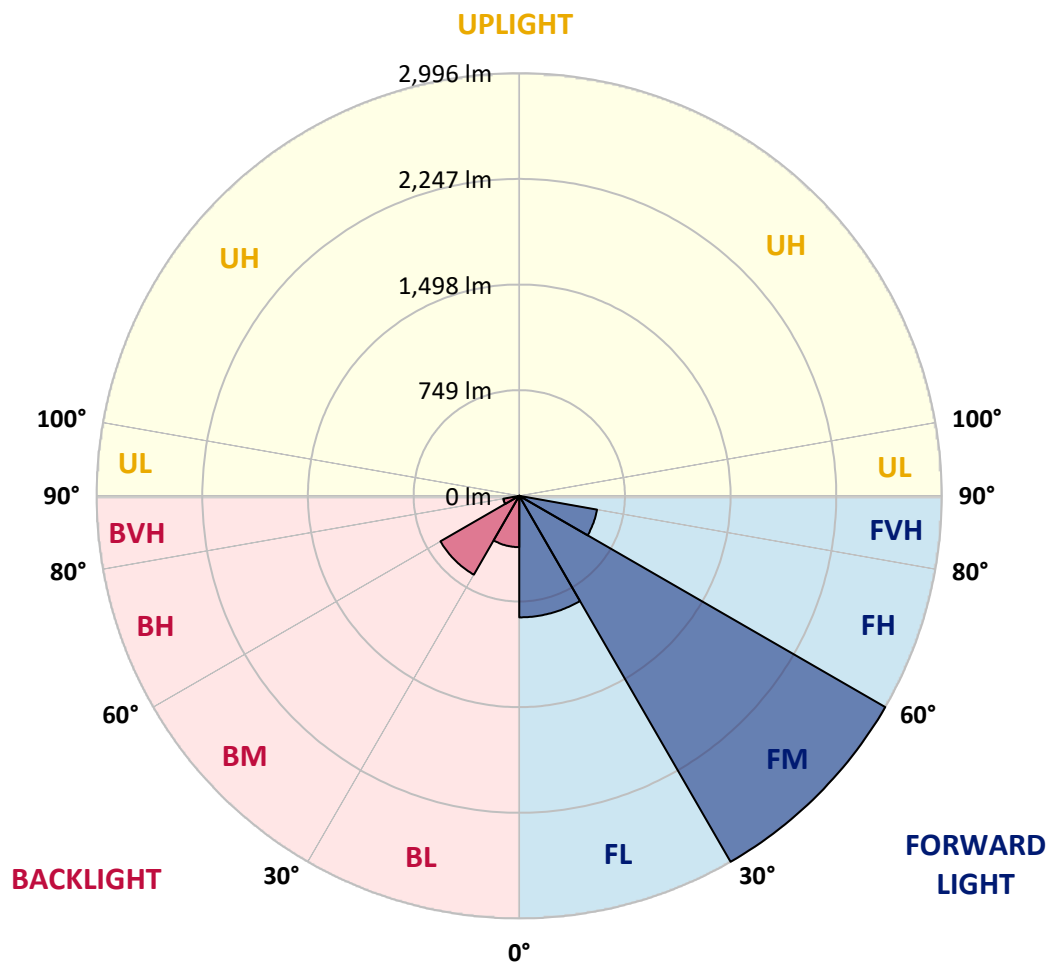
CATALOG NUMBER: GLAN-SA3A-827-U-SLL-GRSBK

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 861.7  | 15.5      |                         |      |        |
| FM   | (30°-60°)   | 2996.1 | 54.0      |                         |      |        |
| FH   | (60°-80°)   | 559.9  | 10.1      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 4.4    | 0.1       |                         |      | G0/10  |
| BL   | (0°-30°)    | 364.2  | 6.6       | B1/500                  |      |        |
| BM   | (30°-60°)   | 645.1  | 11.6      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 115.2  | 2.1       | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 1.5    | 0.0       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B1-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 |
| 2.5°  | 2976.8 | 2985.5 | 3033.5 | 3093.5 | 3125.2 | 3197.2 | 3147.0 | 3160.1 | 3132.8 | 3036.8 | 2961.5 |
| 5°    | 2886.2 | 2885.1 | 2946.2 | 3094.6 | 3235.4 | 3378.3 | 3382.7 | 3306.3 | 3172.1 | 3024.8 | 2814.2 |
| 7.5°  | 2613.4 | 2656.0 | 2719.3 | 2956.0 | 3216.8 | 3323.8 | 3375.1 | 3285.6 | 3079.3 | 2868.7 | 2640.7 |
| 10°   | 2407.2 | 2429.0 | 2535.9 | 2821.8 | 3012.8 | 3155.7 | 3187.4 | 3136.1 | 2977.9 | 2714.9 | 2459.5 |
| 12.5° | 2288.2 | 2299.1 | 2424.6 | 2664.7 | 2866.6 | 2972.4 | 2987.7 | 3011.7 | 2898.2 | 2651.6 | 2345.0 |
| 15°   | 2289.3 | 2298.1 | 2467.2 | 2668.0 | 2747.6 | 2719.3 | 2769.4 | 2768.4 | 2817.5 | 2639.6 | 2441.0 |
| 17.5° | 2454.1 | 2463.9 | 2616.7 | 2716.0 | 2681.1 | 2614.5 | 2611.2 | 2661.4 | 2765.1 | 2789.1 | 2586.1 |
| 20°   | 2737.8 | 2760.7 | 2873.1 | 2867.7 | 2671.2 | 2537.0 | 2499.9 | 2538.1 | 2779.3 | 2915.7 | 2878.6 |
| 22.5° | 3119.7 | 3151.4 | 3229.9 | 3079.3 | 2716.0 | 2484.6 | 2472.6 | 2546.8 | 2873.1 | 3198.3 | 3210.3 |
| 25°   | 3562.7 | 3616.2 | 3654.4 | 3461.3 | 2875.3 | 2575.2 | 2518.5 | 2646.1 | 2999.7 | 3504.9 | 3632.6 |
| 27.5° | 3856.3 | 3911.9 | 3903.2 | 3627.1 | 2982.2 | 2599.2 | 2551.2 | 2670.1 | 3109.9 | 3578.0 | 3853.0 |
| 30°   | 4085.4 | 4119.3 | 4180.4 | 3716.6 | 3089.2 | 2666.9 | 2585.0 | 2771.6 | 3145.9 | 3704.6 | 4119.3 |
| 32.5° | 4352.8 | 4375.7 | 4380.0 | 3874.8 | 3253.9 | 2752.0 | 2689.8 | 2898.2 | 3305.2 | 3825.7 | 4354.9 |
| 35°   | 4622.3 | 4656.1 | 4585.2 | 4070.1 | 3355.4 | 2910.2 | 2864.4 | 3117.5 | 3432.9 | 3951.2 | 4614.7 |
| 37.5° | 4914.7 | 4932.2 | 4768.5 | 4150.9 | 3500.5 | 3167.7 | 3142.6 | 3354.3 | 3654.4 | 4178.2 | 4902.7 |
| 40°   | 5160.2 | 5176.6 | 4963.8 | 4250.2 | 3653.3 | 3527.8 | 3592.2 | 3806.1 | 3955.6 | 4325.5 | 5046.8 |
| 42.5° | 5296.6 | 5334.8 | 5029.3 | 4195.6 | 3959.9 | 3935.9 | 4221.8 | 4297.1 | 4304.8 | 4367.0 | 5175.5 |
| 45°   | 5333.7 | 5316.3 | 4921.3 | 4240.4 | 4228.4 | 4607.0 | 4866.7 | 4966.0 | 4651.8 | 4443.3 | 5208.3 |
| 47.5° | 5162.4 | 5185.3 | 4762.0 | 4201.1 | 4580.8 | 5115.5 | 5451.6 | 5636.0 | 4910.4 | 4376.8 | 5127.5 |
| 50°   | 5023.8 | 4994.4 | 4710.7 | 4172.7 | 4675.8 | 5355.6 | 5873.9 | 5915.4 | 5148.2 | 4458.6 | 5039.1 |
| 52.5° | 5051.1 | 5069.7 | 4792.5 | 4248.0 | 4677.9 | 5369.8 | 5939.4 | 5911.0 | 5155.9 | 4440.1 | 5007.5 |
| 55°   | 5109.0 | 5027.1 | 4757.6 | 4082.2 | 4364.8 | 4973.7 | 5271.6 | 5227.9 | 4758.7 | 4242.6 | 4930.0 |
| 57.5° | 4408.4 | 4535.0 | 4374.6 | 3644.6 | 3582.4 | 3747.2 | 3741.7 | 3875.9 | 3549.6 | 3651.1 | 4488.1 |
| 60°   | 3578.0 | 3599.8 | 3659.9 | 3117.5 | 2479.2 | 2422.4 | 2343.9 | 2258.8 | 2388.6 | 3121.9 | 4082.2 |
| 62.5° | 3147.0 | 3120.8 | 3334.7 | 2836.0 | 1750.3 | 1465.5 | 1452.4 | 1504.8 | 1843.0 | 2977.9 | 3829.0 |
| 65°   | 2287.1 | 2319.9 | 2474.8 | 2200.9 | 1313.8 | 1118.5 | 1098.8 | 1253.8 | 1491.7 | 2386.4 | 2922.2 |
| 67.5° | 1396.7 | 1460.0 | 1474.2 | 1357.4 | 891.5  | 708.2  | 679.8  | 820.6  | 1077.0 | 1544.0 | 1713.2 |
| 70°   | 644.9  | 721.3  | 793.3  | 740.9  | 516.1  | 291.3  | 275.0  | 344.8  | 543.4  | 888.2  | 909.0  |
| 72.5° | 195.3  | 196.4  | 275.0  | 287.0  | 167.0  | 65.5   | 57.8   | 76.4   | 184.4  | 293.5  | 308.8  |
| 75°   | 14.2   | 15.3   | 37.1   | 42.6   | 31.6   | 16.4   | 17.5   | 20.7   | 39.3   | 65.5   | 49.1   |
| 77.5° | 1.1    | 1.1    | 1.1    | 5.5    | 9.8    | 10.9   | 14.2   | 16.4   | 20.7   | 24.0   | 21.8   |
| 80°   | 1.1    | 0.0    | 1.1    | 4.4    | 7.6    | 10.9   | 13.1   | 15.3   | 16.4   | 18.6   | 16.4   |
| 82.5° | 0.0    | 0.0    | 0.0    | 3.3    | 7.6    | 10.9   | 12.0   | 16.4   | 18.6   | 21.8   | 18.6   |
| 85°   | 0.0    | 0.0    | 0.0    | 3.3    | 7.6    | 12.0   | 10.9   | 5.5    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 |
| 2.5°  | 2974.6 | 2932.0 | 2834.9 | 2785.8 | 2670.1 | 2653.8 | 2540.3 | 2521.7 | 2483.6 | 2462.8 | 2412.6 |
| 5°    | 2721.4 | 2670.1 | 2511.9 | 2378.8 | 2223.9 | 2115.8 | 2032.9 | 1957.6 | 1914.0 | 1873.6 | 1892.1 |
| 7.5°  | 2515.2 | 2365.7 | 2190.0 | 1967.4 | 1788.5 | 1672.8 | 1546.2 | 1442.6 | 1381.4 | 1340.0 | 1349.8 |
| 10°   | 2299.1 | 2202.0 | 1957.6 | 1707.7 | 1491.7 | 1409.8 | 1310.5 | 1230.9 | 1144.7 | 1070.5 | 1035.5 |
| 12.5° | 2231.5 | 2087.5 | 1780.8 | 1526.6 | 1362.9 | 1283.2 | 1169.8 | 1078.1 | 967.9  | 877.3  | 845.7  |
| 15°   | 2243.5 | 2104.9 | 1732.8 | 1461.1 | 1268.0 | 1130.5 | 995.2  | 881.7  | 760.6  | 697.3  | 664.5  |
| 17.5° | 2438.8 | 2198.8 | 1764.5 | 1392.4 | 1135.9 | 945.0  | 778.0  | 634.0  | 543.4  | 477.9  | 463.8  |
| 20°   | 2678.9 | 2401.7 | 1832.1 | 1342.2 | 1027.9 | 751.8  | 568.5  | 444.1  | 368.8  | 357.9  | 354.6  |
| 22.5° | 3030.2 | 2733.4 | 1977.2 | 1308.3 | 895.9  | 586.0  | 389.6  | 323.0  | 302.3  | 300.1  | 301.2  |
| 25°   | 3521.3 | 3149.2 | 2135.5 | 1280.0 | 796.6  | 451.8  | 318.6  | 273.9  | 267.3  | 264.1  | 269.5  |
| 27.5° | 3734.1 | 3400.2 | 2219.5 | 1218.9 | 706.0  | 407.0  | 314.3  | 271.7  | 253.2  | 247.7  | 251.0  |
| 30°   | 3997.0 | 3567.1 | 2351.5 | 1114.1 | 572.9  | 335.0  | 293.5  | 295.7  | 287.0  | 259.7  | 251.0  |
| 32.5° | 4346.2 | 3775.5 | 2418.1 | 1039.9 | 511.8  | 277.2  | 215.0  | 197.5  | 220.4  | 224.8  | 232.4  |
| 35°   | 4569.9 | 3987.2 | 2451.9 | 996.3  | 480.1  | 236.8  | 182.2  | 165.9  | 160.4  | 161.5  | 165.9  |
| 37.5° | 4985.7 | 4273.1 | 2494.5 | 950.4  | 456.1  | 206.2  | 164.8  | 149.5  | 141.9  | 141.9  | 146.2  |
| 40°   | 5234.4 | 4500.1 | 2552.3 | 925.3  | 432.1  | 187.7  | 149.5  | 136.4  | 129.9  | 129.9  | 132.0  |
| 42.5° | 5296.6 | 4612.5 | 2532.7 | 916.6  | 404.8  | 183.3  | 136.4  | 126.6  | 118.9  | 117.8  | 116.8  |
| 45°   | 5407.9 | 4783.8 | 2535.9 | 906.8  | 376.5  | 167.0  | 128.8  | 117.8  | 106.9  | 105.8  | 104.8  |
| 47.5° | 5530.2 | 4907.1 | 2542.5 | 868.6  | 349.2  | 139.7  | 134.2  | 109.1  | 96.0   | 93.8   | 93.8   |
| 50°   | 5425.4 | 5005.3 | 2599.2 | 830.4  | 314.3  | 113.5  | 132.0  | 102.6  | 85.1   | 81.8   | 82.9   |
| 52.5° | 5438.5 | 5121.0 | 2719.3 | 776.9  | 270.6  | 90.6   | 106.9  | 97.1   | 77.5   | 72.0   | 73.1   |
| 55°   | 5229.0 | 4998.8 | 2735.6 | 720.2  | 211.7  | 69.8   | 81.8   | 85.1   | 65.5   | 63.3   | 63.3   |
| 57.5° | 4501.2 | 4232.7 | 2413.7 | 583.8  | 139.7  | 57.8   | 58.9   | 74.2   | 56.7   | 54.6   | 55.7   |
| 60°   | 3851.9 | 3398.0 | 1942.3 | 385.2  | 87.3   | 45.8   | 42.6   | 75.3   | 50.2   | 49.1   | 52.4   |
| 62.5° | 3511.5 | 2792.4 | 1473.1 | 239.0  | 60.0   | 34.9   | 29.5   | 61.1   | 43.6   | 43.6   | 48.0   |
| 65°   | 2537.0 | 1875.8 | 856.6  | 125.5  | 42.6   | 27.3   | 21.8   | 34.9   | 36.0   | 37.1   | 39.3   |
| 67.5° | 1571.3 | 947.2  | 361.2  | 61.1   | 28.4   | 18.6   | 14.2   | 21.8   | 24.0   | 24.0   | 26.2   |
| 70°   | 775.8  | 377.6  | 120.0  | 34.9   | 21.8   | 15.3   | 9.8    | 12.0   | 12.0   | 10.9   | 12.0   |
| 72.5° | 240.1  | 113.5  | 30.6   | 21.8   | 15.3   | 9.8    | 5.5    | 4.4    | 2.2    | 0.0    | 1.1    |
| 75°   | 27.3   | 21.8   | 19.6   | 15.3   | 9.8    | 4.4    | 1.1    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 16.4   | 18.6   | 18.6   | 15.3   | 9.8    | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 13.1   | 14.2   | 15.3   | 14.2   | 8.7    | 4.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 16.4   | 18.6   | 20.7   | 18.6   | 12.0   | 5.5    | 2.2    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.3    | 1.1    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 |
| 2.5°  | 2391.9 | 2367.9 | 2401.7 | 2351.5 | 2350.4 | 2351.5 | 2337.3 | 2324.2 | 2345.0 | 2400.6 | 2406.1 |
| 5°    | 1825.6 | 1876.9 | 1893.2 | 1946.7 | 1917.2 | 1873.6 | 1882.3 | 1852.8 | 1924.9 | 1956.5 | 1931.4 |
| 7.5°  | 1329.1 | 1325.8 | 1436.0 | 1442.6 | 1456.7 | 1457.8 | 1455.7 | 1397.8 | 1338.9 | 1352.0 | 1391.3 |
| 10°   | 1031.2 | 975.5  | 1029.0 | 1023.5 | 1058.5 | 1048.6 | 1062.8 | 1000.6 | 1021.4 | 1021.4 | 1046.5 |
| 12.5° | 840.2  | 781.3  | 771.5  | 757.3  | 771.5  | 776.9  | 782.4  | 770.4  | 805.3  | 821.7  | 839.1  |
| 15°   | 641.6  | 608.9  | 600.2  | 572.9  | 577.2  | 592.5  | 605.6  | 611.1  | 600.2  | 625.3  | 627.4  |
| 17.5° | 465.9  | 464.8  | 470.3  | 469.2  | 464.8  | 461.6  | 460.5  | 446.3  | 441.9  | 444.1  | 452.8  |
| 20°   | 353.5  | 362.3  | 380.8  | 399.4  | 409.2  | 397.2  | 380.8  | 356.8  | 347.0  | 349.2  | 350.3  |
| 22.5° | 302.3  | 315.4  | 340.5  | 361.2  | 371.0  | 349.2  | 319.7  | 299.0  | 294.6  | 293.5  | 292.4  |
| 25°   | 273.9  | 289.2  | 307.7  | 314.3  | 313.2  | 300.1  | 278.3  | 269.5  | 267.3  | 265.2  | 255.3  |
| 27.5° | 258.6  | 264.1  | 267.3  | 275.0  | 278.3  | 269.5  | 264.1  | 251.0  | 248.8  | 248.8  | 242.2  |
| 30°   | 249.9  | 246.6  | 251.0  | 245.5  | 249.9  | 243.3  | 244.4  | 244.4  | 239.0  | 241.2  | 241.2  |
| 32.5° | 232.4  | 233.5  | 233.5  | 222.6  | 225.9  | 218.2  | 225.9  | 232.4  | 233.5  | 234.6  | 243.3  |
| 35°   | 170.2  | 189.9  | 199.7  | 199.7  | 203.0  | 197.5  | 196.4  | 188.8  | 179.0  | 169.1  | 164.8  |
| 37.5° | 149.5  | 157.1  | 170.2  | 177.9  | 183.3  | 179.0  | 169.1  | 157.1  | 151.7  | 147.3  | 142.9  |
| 40°   | 133.1  | 139.7  | 148.4  | 157.1  | 168.0  | 162.6  | 147.3  | 141.9  | 135.3  | 135.3  | 130.9  |
| 42.5° | 120.0  | 123.3  | 128.8  | 141.9  | 153.9  | 142.9  | 132.0  | 127.7  | 124.4  | 123.3  | 122.2  |
| 45°   | 108.0  | 109.1  | 114.6  | 125.5  | 139.7  | 128.8  | 117.8  | 112.4  | 113.5  | 114.6  | 113.5  |
| 47.5° | 97.1   | 99.3   | 102.6  | 115.7  | 124.4  | 118.9  | 106.9  | 103.7  | 103.7  | 103.7  | 104.8  |
| 50°   | 84.0   | 89.5   | 96.0   | 106.9  | 113.5  | 110.2  | 100.4  | 96.0   | 93.8   | 93.8   | 94.9   |
| 52.5° | 75.3   | 79.7   | 88.4   | 101.5  | 110.2  | 104.8  | 94.9   | 88.4   | 84.0   | 82.9   | 85.1   |
| 55°   | 65.5   | 73.1   | 87.3   | 97.1   | 109.1  | 103.7  | 92.8   | 85.1   | 77.5   | 76.4   | 76.4   |
| 57.5° | 58.9   | 70.9   | 84.0   | 96.0   | 105.8  | 101.5  | 92.8   | 82.9   | 73.1   | 72.0   | 72.0   |
| 60°   | 55.7   | 68.7   | 81.8   | 92.8   | 105.8  | 99.3   | 91.7   | 80.7   | 69.8   | 69.8   | 68.7   |
| 62.5° | 52.4   | 64.4   | 77.5   | 88.4   | 101.5  | 96.0   | 88.4   | 77.5   | 66.6   | 66.6   | 64.4   |
| 65°   | 43.6   | 55.7   | 64.4   | 74.2   | 88.4   | 82.9   | 75.3   | 67.7   | 58.9   | 56.7   | 57.8   |
| 67.5° | 30.6   | 38.2   | 46.9   | 56.7   | 65.5   | 63.3   | 60.0   | 54.6   | 46.9   | 45.8   | 44.7   |
| 70°   | 15.3   | 20.7   | 28.4   | 38.2   | 45.8   | 43.6   | 41.5   | 37.1   | 32.7   | 31.6   | 31.6   |
| 72.5° | 2.2    | 6.5    | 12.0   | 17.5   | 24.0   | 25.1   | 24.0   | 22.9   | 21.8   | 20.7   | 21.8   |
| 75°   | 0.0    | 0.0    | 0.0    | 4.4    | 9.8    | 12.0   | 14.2   | 16.4   | 16.4   | 14.2   | 17.5   |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 1.1    | 5.5    | 10.9   | 14.2   | 17.5   | 15.3   | 20.7   |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 1.1    | 6.5    | 10.9   | 15.3   | 17.5   | 15.3   | 21.8   |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 1.1    | 7.6    | 10.9   | 14.2   | 16.4   | 15.3   | 19.6   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 3.3    | 6.5    | 4.4    | 2.2    | 1.1    | 1.1    | 3.3    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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CATALOG NUMBER: GLAN-SA3A-827-U-SLL-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 | 2813.1 |
| 2.5°  | 2436.6 | 2514.1 | 2597.0 | 2628.7 | 2726.9 | 2801.1 | 2851.3 | 2959.3 | 2975.7 | 2976.8 |
| 5°    | 1957.6 | 1996.9 | 2138.7 | 2205.3 | 2351.5 | 2465.0 | 2586.1 | 2760.7 | 2877.5 | 2886.2 |
| 7.5°  | 1391.3 | 1500.4 | 1560.4 | 1733.9 | 1914.0 | 2091.8 | 2271.9 | 2474.8 | 2610.1 | 2613.4 |
| 10°   | 1119.6 | 1190.5 | 1297.4 | 1427.3 | 1579.0 | 1760.1 | 2000.2 | 2235.9 | 2373.3 | 2407.2 |
| 12.5° | 901.3  | 1025.7 | 1147.9 | 1282.2 | 1397.8 | 1534.2 | 1792.8 | 2107.1 | 2220.6 | 2288.2 |
| 15°   | 694.0  | 807.5  | 951.5  | 1108.7 | 1239.6 | 1421.8 | 1716.4 | 2075.4 | 2266.4 | 2289.3 |
| 17.5° | 511.8  | 613.3  | 746.4  | 894.8  | 1091.2 | 1349.8 | 1729.5 | 2235.9 | 2415.9 | 2454.1 |
| 20°   | 367.7  | 426.7  | 531.4  | 703.8  | 953.7  | 1265.8 | 1742.6 | 2398.4 | 2672.3 | 2737.8 |
| 22.5° | 291.3  | 315.4  | 384.1  | 536.9  | 799.8  | 1177.4 | 1835.4 | 2709.4 | 3024.8 | 3119.7 |
| 25°   | 253.2  | 266.3  | 299.0  | 423.4  | 702.7  | 1168.7 | 1983.8 | 3082.6 | 3494.0 | 3562.7 |
| 27.5° | 244.4  | 246.6  | 275.0  | 388.5  | 650.4  | 1110.8 | 2040.5 | 3347.8 | 3786.4 | 3856.3 |
| 30°   | 257.5  | 292.4  | 294.6  | 328.4  | 553.2  | 996.3  | 2070.0 | 3604.2 | 4034.1 | 4085.4 |
| 32.5° | 222.6  | 211.7  | 219.3  | 254.2  | 486.7  | 929.7  | 2125.6 | 3827.9 | 4316.8 | 4352.8 |
| 35°   | 154.9  | 162.6  | 180.0  | 220.4  | 425.6  | 859.9  | 2139.8 | 4074.5 | 4585.2 | 4622.3 |
| 37.5° | 142.9  | 147.3  | 161.5  | 187.7  | 374.3  | 820.6  | 2120.2 | 4254.6 | 4863.4 | 4914.7 |
| 40°   | 133.1  | 138.6  | 146.2  | 170.2  | 336.1  | 776.9  | 2092.9 | 4417.1 | 5033.7 | 5160.2 |
| 42.5° | 125.5  | 129.9  | 136.4  | 162.6  | 303.4  | 733.3  | 2054.7 | 4646.3 | 5186.4 | 5296.6 |
| 45°   | 116.8  | 123.3  | 130.9  | 158.2  | 284.8  | 703.8  | 2026.3 | 4632.1 | 5274.8 | 5333.7 |
| 47.5° | 108.0  | 118.9  | 127.7  | 147.3  | 279.3  | 689.6  | 2038.3 | 4578.6 | 5202.8 | 5162.4 |
| 50°   | 99.3   | 113.5  | 128.8  | 122.2  | 266.3  | 661.3  | 2052.5 | 4651.8 | 5031.5 | 5023.8 |
| 52.5° | 91.7   | 108.0  | 120.0  | 100.4  | 236.8  | 634.0  | 2190.0 | 4747.8 | 5152.6 | 5051.1 |
| 55°   | 80.7   | 97.1   | 96.0   | 80.7   | 192.0  | 613.3  | 2298.1 | 4750.0 | 5070.8 | 5109.0 |
| 57.5° | 73.1   | 86.2   | 75.3   | 67.7   | 141.9  | 512.9  | 2122.4 | 3982.9 | 4340.8 | 4408.4 |
| 60°   | 67.7   | 84.0   | 56.7   | 53.5   | 92.8   | 369.9  | 1852.8 | 3084.8 | 3450.4 | 3578.0 |
| 62.5° | 62.2   | 79.7   | 44.7   | 43.6   | 64.4   | 263.0  | 1523.3 | 2581.8 | 2973.5 | 3147.0 |
| 65°   | 54.6   | 56.7   | 36.0   | 33.8   | 45.8   | 141.9  | 927.5  | 1777.6 | 2222.8 | 2287.1 |
| 67.5° | 44.7   | 43.6   | 29.5   | 27.3   | 30.6   | 68.7   | 409.2  | 890.4  | 1288.7 | 1396.7 |
| 70°   | 36.0   | 36.0   | 25.1   | 21.8   | 21.8   | 31.6   | 106.9  | 354.6  | 582.7  | 644.9  |
| 72.5° | 26.2   | 27.3   | 19.6   | 17.5   | 16.4   | 15.3   | 17.5   | 70.9   | 152.8  | 195.3  |
| 75°   | 22.9   | 24.0   | 19.6   | 15.3   | 12.0   | 9.8    | 7.6    | 6.5    | 8.7    | 14.2   |
| 77.5° | 25.1   | 25.1   | 20.7   | 14.2   | 10.9   | 7.6    | 4.4    | 2.2    | 2.2    | 1.1    |
| 80°   | 31.6   | 32.7   | 27.3   | 18.6   | 13.1   | 8.7    | 5.5    | 2.2    | 1.1    | 1.1    |
| 82.5° | 33.8   | 37.1   | 30.6   | 22.9   | 16.4   | 9.8    | 5.5    | 1.1    | 0.0    | 0.0    |
| 85°   | 8.7    | 14.2   | 24.0   | 20.7   | 16.4   | 9.8    | 5.5    | 1.1    | 0.0    | 0.0    |
| 87.5° | 0.0    | 1.1    | 3.3    | 3.3    | 4.4    | 4.4    | 3.3    | 1.1    | 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    |

(END OF REPORT)