

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: P652453

Luminaire Tested: **GALN-SA6B-840-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P652453  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA6B-840-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15688 lumens  
Efficiency: N/A  
Efficacy: 64.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G1

Input Watts (W): 243  
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

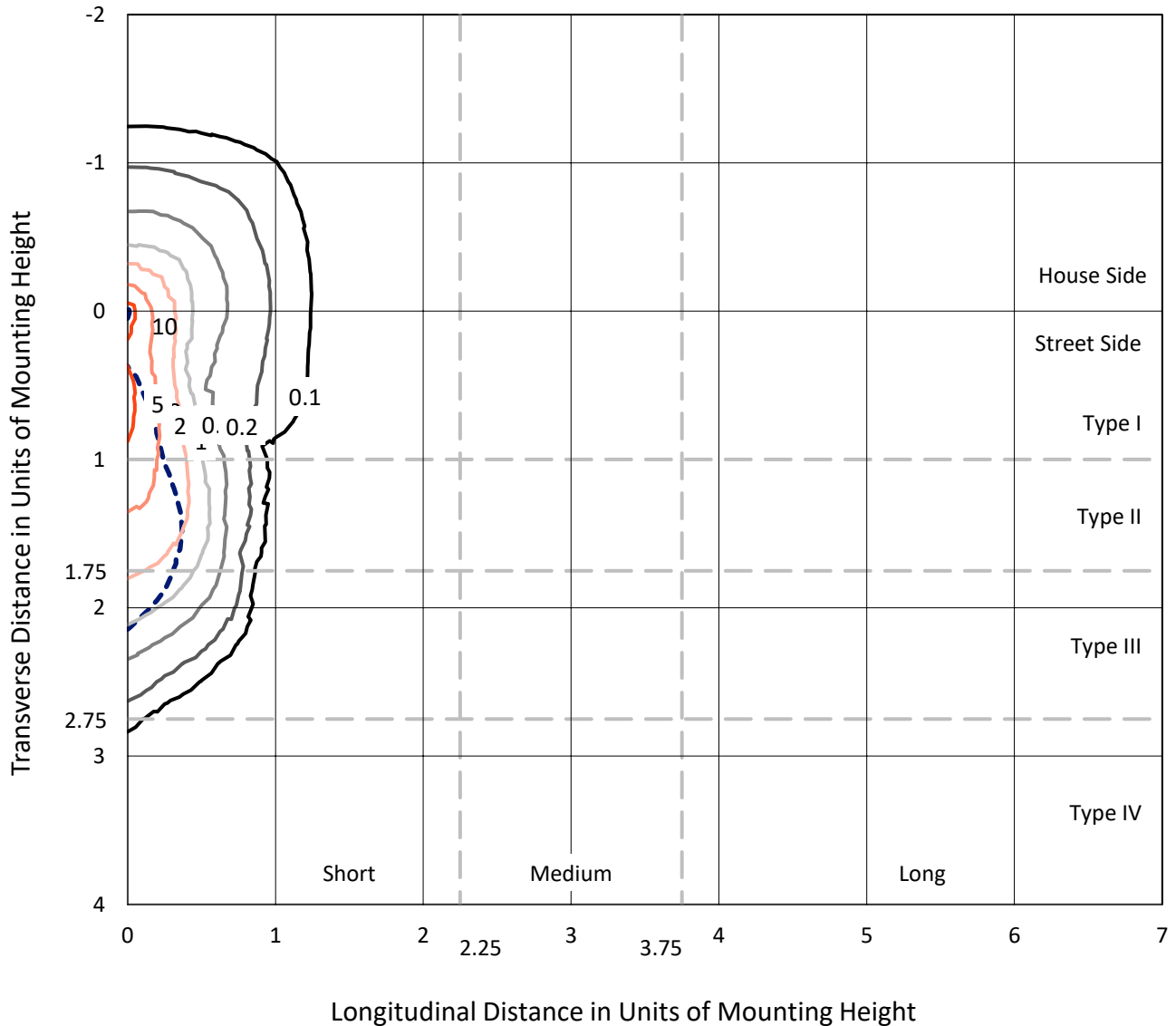




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### Iso-Footcandle Lines of Horizontal Illumination

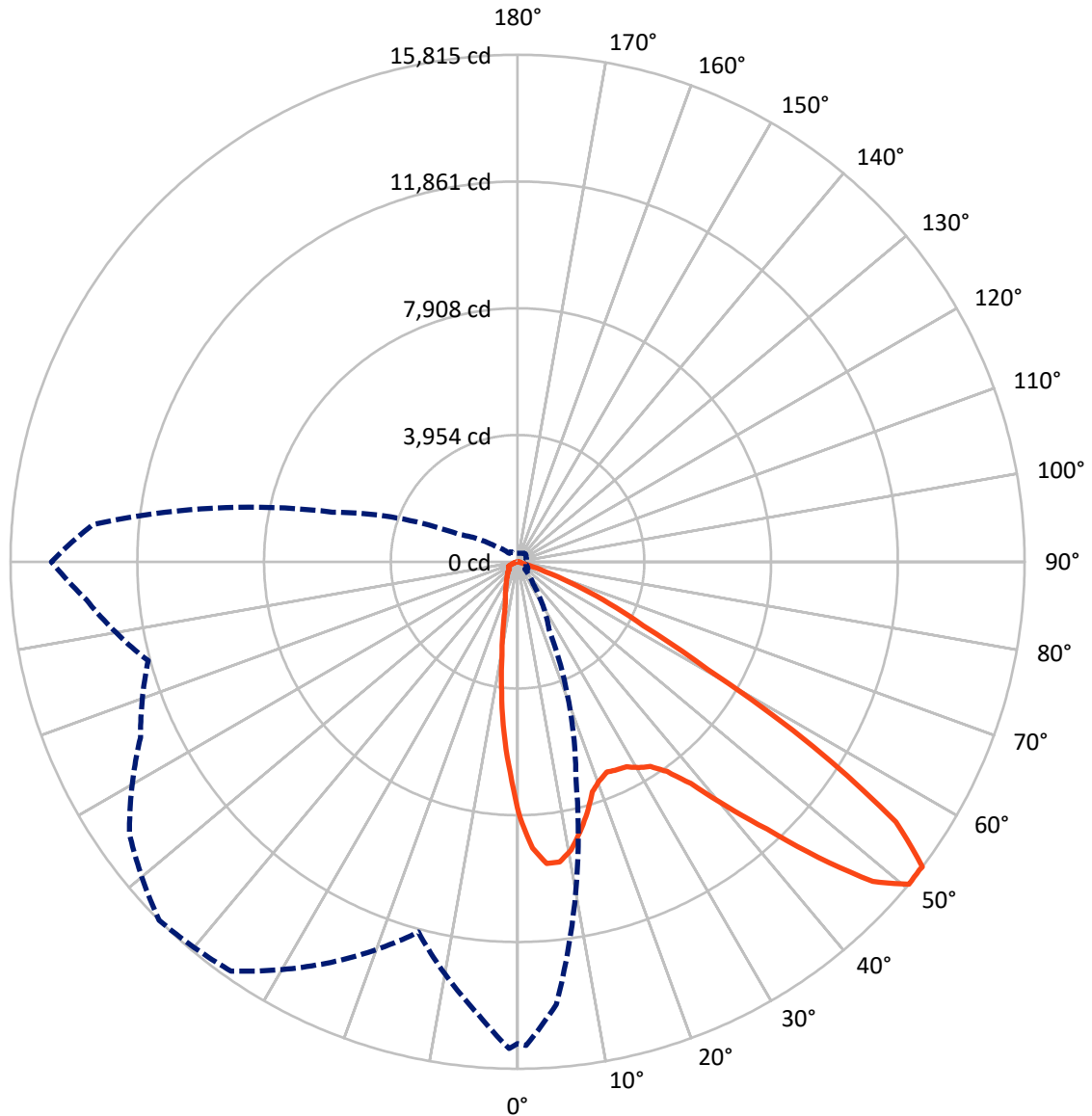
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.7 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 50-Deg Vertical

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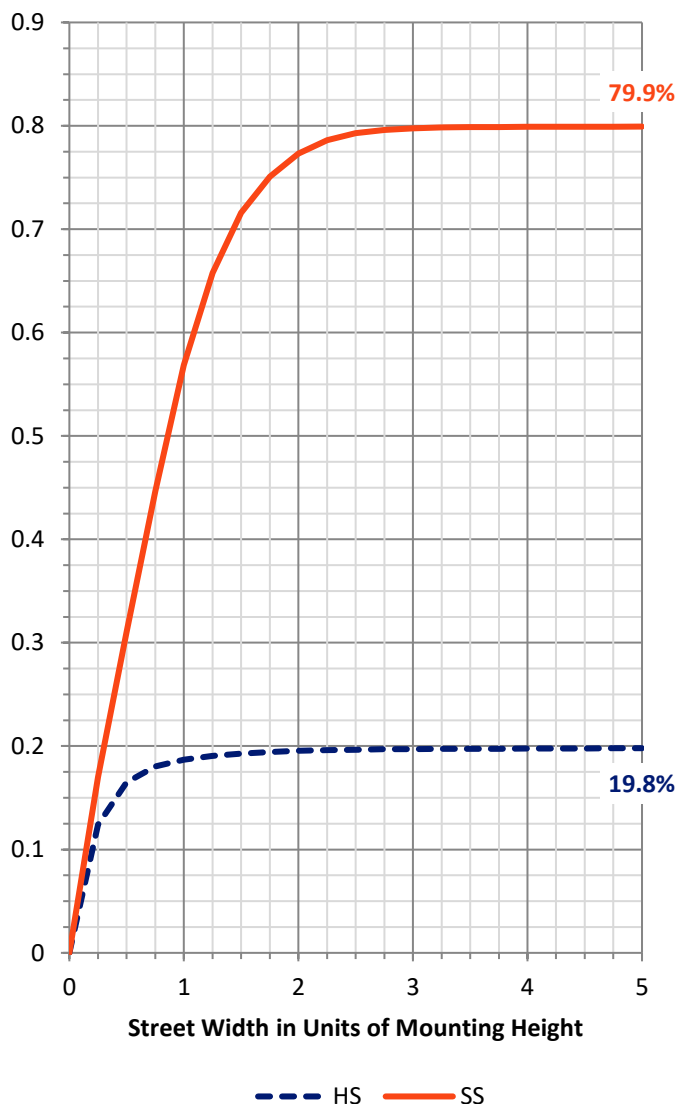
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3142.3   | 0.0    | 3142.3  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 12545.7  | 0.0    | 12545.7 |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 15688.0  | 0.0    | 15688.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 579.9   | 3.7       |
| 10°-20°   | 1152.5  | 7.3       |
| 20°-30°   | 1731.4  | 11.0      |
| 30°-40°   | 2598.8  | 16.6      |
| 40°-50°   | 3652.5  | 23.3      |
| 50°-60°   | 3939.8  | 25.1      |
| 60°-70°   | 1829.2  | 11.7      |
| 70°-80°   | 172.1   | 1.1       |
| 80°-90°   | 31.7    | 0.2       |
| 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°    | 15688.0 | 100.0     |
| 0°-180°   | 15688.0 | 100.0     |

**Coefficient of Utilization**



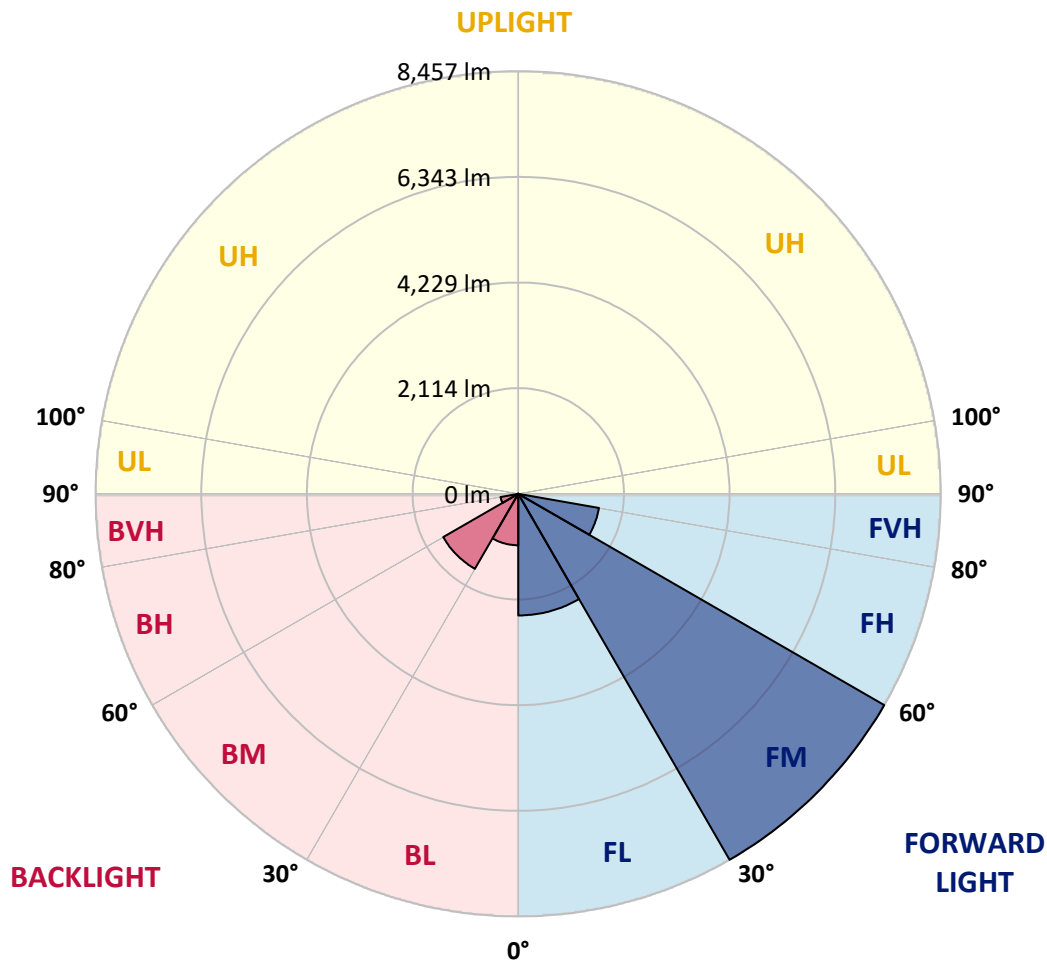
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 2433.9 | 15.5      |                         |      |         |
| FM (30°-60°)   | 8457.0 | 53.9      |                         |      |         |
| FH (60°-80°)   | 1640.5 | 10.5      |                         |      | G1/1800 |
| FVH (80°-90°)  | 14.3   | 0.1       |                         |      | G1/100  |
| BL (0°-30°)    | 1030.0 | 6.6       | B3/2500                 |      |         |
| BM (30°-60°)   | 1734.1 | 11.1      | B2/2500                 |      |         |
| BH (60°-80°)   | 360.8  | 2.3       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 17.4   | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7955.8  | 7955.8  | 7955.8  | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 |
| 2.5°  | 8270.1  | 8142.6  | 7980.7  | 7846.9 | 7647.6 | 7246.1 | 7137.1 | 7006.5 | 6897.5 | 6751.2 | 6545.8 |
| 5°    | 7520.1  | 7479.6  | 7404.8  | 6900.7 | 6536.4 | 6050.9 | 5652.4 | 5484.4 | 5263.4 | 5082.8 | 4952.1 |
| 7.5°  | 6947.3  | 6785.4  | 6548.9  | 6041.6 | 5459.5 | 4939.7 | 4497.7 | 4239.4 | 3946.8 | 3847.2 | 3669.8 |
| 10°   | 6334.2  | 6371.5  | 6022.9  | 5310.1 | 4606.7 | 4186.4 | 3912.5 | 3663.6 | 3399.0 | 3224.6 | 2972.5 |
| 12.5° | 6138.0  | 6016.7  | 5749.0  | 4868.1 | 4267.4 | 3875.2 | 3542.1 | 3234.0 | 2953.8 | 2673.7 | 2430.9 |
| 15°   | 6265.6  | 6078.9  | 5705.4  | 4774.7 | 4005.9 | 3517.2 | 3100.2 | 2683.0 | 2424.7 | 2066.8 | 1814.6 |
| 17.5° | 6723.2  | 6573.8  | 6072.7  | 4874.4 | 3872.0 | 3174.9 | 2555.5 | 2125.9 | 1730.6 | 1406.9 | 1279.2 |
| 20°   | 7485.8  | 7274.1  | 6645.4  | 5001.9 | 3672.9 | 2760.8 | 2073.0 | 1543.8 | 1170.3 | 1033.4 | 961.8  |
| 22.5° | 8232.8  | 8117.7  | 7323.9  | 5247.8 | 3495.4 | 2393.6 | 1556.3 | 1039.6 | 874.6  | 849.7  | 803.1  |
| 25°   | 9655.3  | 9309.8  | 8360.5  | 5693.0 | 3358.5 | 2048.1 | 1173.4 | 837.3  | 740.8  | 722.1  | 728.3  |
| 27.5° | 10501.9 | 10212.4 | 9319.1  | 5988.7 | 3206.0 | 1783.5 | 992.9  | 768.8  | 703.4  | 663.0  | 647.4  |
| 30°   | 11314.3 | 10978.2 | 9795.4  | 6162.9 | 2879.2 | 1503.4 | 880.9  | 737.7  | 722.1  | 663.0  | 644.3  |
| 32.5° | 11939.9 | 11610.0 | 10483.2 | 6424.4 | 2745.3 | 1322.9 | 725.2  | 575.8  | 535.4  | 529.2  | 585.2  |
| 35°   | 12898.6 | 12546.9 | 11071.5 | 6567.6 | 2642.6 | 1229.5 | 628.7  | 513.6  | 466.9  | 448.3  | 451.4  |
| 37.5° | 13791.9 | 13552.2 | 11616.2 | 6623.6 | 2533.7 | 1201.5 | 563.4  | 460.7  | 420.2  | 407.7  | 404.6  |
| 40°   | 14539.0 | 14003.6 | 12132.9 | 6682.8 | 2487.0 | 1148.6 | 522.9  | 420.2  | 392.2  | 373.5  | 373.5  |
| 42.5° | 14881.3 | 14336.6 | 12711.9 | 6648.5 | 2474.5 | 1064.5 | 522.9  | 385.9  | 364.2  | 345.5  | 342.4  |
| 45°   | 14806.6 | 14585.6 | 12970.2 | 6633.0 | 2474.5 | 980.4  | 476.3  | 376.6  | 345.5  | 320.6  | 314.4  |
| 47.5° | 14999.6 | 14710.1 | 13293.9 | 6698.3 | 2424.7 | 921.3  | 401.5  | 395.3  | 326.8  | 295.7  | 289.5  |
| 50°   | 15033.9 | 15089.9 | 13857.3 | 7037.6 | 2315.8 | 846.6  | 314.4  | 389.0  | 314.4  | 267.7  | 261.5  |
| 52°   | 15257.9 | 14909.3 | 14028.5 | 7218.1 | 2200.6 | 790.6  | 264.6  | 333.0  | 301.9  | 249.0  | 242.8  |
| 52.5° | 14949.8 | 15177.0 | 14068.9 | 7283.5 | 2213.1 | 753.3  | 255.2  | 326.8  | 295.7  | 249.0  | 233.5  |
| 55°   | 14604.3 | 14822.2 | 13904.0 | 7423.5 | 2029.4 | 591.4  | 199.2  | 236.6  | 267.7  | 217.9  | 208.6  |
| 57.5° | 12693.2 | 12914.1 | 12083.1 | 6797.9 | 1652.8 | 417.1  | 165.0  | 177.5  | 236.6  | 202.3  | 193.0  |
| 60°   | 11283.2 | 11124.4 | 10140.9 | 5671.1 | 1173.4 | 233.5  | 130.7  | 136.9  | 258.4  | 186.8  | 183.7  |
| 62.5° | 10312.0 | 9972.7  | 8475.6  | 4379.4 | 715.9  | 155.7  | 102.7  | 105.8  | 199.2  | 174.3  | 174.3  |
| 65°   | 7629.0  | 7249.3  | 5630.7  | 2648.8 | 351.7  | 108.9  | 77.8   | 84.0   | 124.5  | 149.4  | 149.4  |
| 67.5° | 4354.5  | 4208.2  | 2720.4  | 1195.2 | 146.3  | 68.5   | 59.1   | 65.3   | 96.5   | 121.4  | 115.1  |
| 70°   | 2001.4  | 1796.0  | 1045.9  | 252.1  | 68.5   | 46.7   | 46.7   | 52.9   | 77.8   | 90.2   | 84.0   |
| 72.5° | 585.2   | 554.1   | 255.2   | 40.5   | 28.0   | 28.0   | 31.1   | 40.5   | 59.1   | 68.5   | 62.2   |
| 75°   | 43.6    | 28.0    | 18.7    | 12.4   | 12.4   | 18.7   | 24.9   | 40.5   | 59.1   | 65.3   | 52.9   |
| 77.5° | 3.1     | 6.2     | 3.1     | 3.1    | 9.3    | 18.7   | 28.0   | 49.8   | 77.8   | 80.9   | 59.1   |
| 80°   | 3.1     | 3.1     | 0.0     | 3.1    | 9.3    | 18.7   | 31.1   | 56.0   | 87.1   | 93.4   | 49.8   |
| 82.5° | 0.0     | 0.0     | 0.0     | 3.1    | 12.4   | 24.9   | 37.3   | 59.1   | 80.9   | 99.6   | 52.9   |
| 85°   | 0.0     | 0.0     | 0.0     | 3.1    | 18.7   | 34.2   | 43.6   | 15.6   | 9.3    | 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°    | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 |
| 2.5°  | 6692.1 | 6611.2 | 6580.1 | 6608.1 | 6598.7 | 6589.4 | 6760.5 | 6723.2 | 6717.0 | 6773.0 | 6760.5 |
| 5°    | 5023.7 | 4880.6 | 5272.7 | 5114.0 | 5279.0 | 5378.5 | 5397.3 | 5406.6 | 5521.8 | 5400.4 | 5559.1 |
| 7.5°  | 3579.5 | 3616.8 | 3613.7 | 3719.6 | 3909.4 | 4077.5 | 4177.1 | 4099.3 | 4093.1 | 4077.5 | 4009.0 |
| 10°   | 2860.5 | 2795.1 | 2782.7 | 2757.7 | 2816.9 | 2960.1 | 3081.5 | 2985.0 | 2916.5 | 3009.9 | 2981.8 |
| 12.5° | 2337.6 | 2247.3 | 2197.5 | 2097.9 | 2101.0 | 2197.5 | 2197.5 | 2197.5 | 2266.0 | 2318.9 | 2359.3 |
| 15°   | 1792.8 | 1718.2 | 1718.2 | 1618.6 | 1596.7 | 1599.8 | 1649.7 | 1655.9 | 1764.8 | 1796.0 | 1811.5 |
| 17.5° | 1254.4 | 1213.9 | 1260.6 | 1301.0 | 1276.1 | 1282.4 | 1301.0 | 1307.3 | 1322.9 | 1310.4 | 1341.6 |
| 20°   | 964.9  | 958.7  | 971.1  | 1042.8 | 1095.7 | 1126.8 | 1105.0 | 1073.9 | 1055.2 | 1011.6 | 1011.6 |
| 22.5° | 818.6  | 831.1  | 852.9  | 912.0  | 980.4  | 999.1  | 974.2  | 902.6  | 846.6  | 840.4  | 843.5  |
| 25°   | 728.3  | 740.8  | 775.1  | 812.4  | 849.7  | 880.9  | 856.0  | 803.1  | 772.0  | 743.9  | 743.9  |
| 27.5° | 672.3  | 678.5  | 697.2  | 725.2  | 756.4  | 781.3  | 772.0  | 743.9  | 709.6  | 697.2  | 669.2  |
| 30°   | 628.7  | 638.1  | 659.8  | 666.1  | 694.1  | 706.5  | 691.0  | 684.7  | 663.0  | 647.4  | 638.1  |
| 32.5° | 606.9  | 603.8  | 619.4  | 625.6  | 628.7  | 638.1  | 619.4  | 628.7  | 625.6  | 600.7  | 591.4  |
| 35°   | 457.6  | 482.5  | 522.9  | 557.2  | 566.5  | 578.9  | 575.8  | 563.4  | 529.2  | 501.2  | 466.9  |
| 37.5° | 410.8  | 426.4  | 448.3  | 476.3  | 513.6  | 529.2  | 522.9  | 491.8  | 451.4  | 432.6  | 426.4  |
| 40°   | 379.7  | 389.0  | 407.7  | 426.4  | 463.8  | 491.8  | 470.0  | 442.0  | 410.8  | 395.3  | 385.9  |
| 42.5° | 351.7  | 354.8  | 364.2  | 382.8  | 410.8  | 454.5  | 417.1  | 379.7  | 367.3  | 357.9  | 351.7  |
| 45°   | 320.6  | 320.6  | 333.0  | 342.4  | 373.5  | 413.9  | 376.6  | 342.4  | 336.1  | 329.9  | 326.8  |
| 47.5° | 295.7  | 298.8  | 305.0  | 317.5  | 342.4  | 370.4  | 345.5  | 317.5  | 301.9  | 298.8  | 292.6  |
| 50°   | 264.6  | 267.7  | 280.1  | 292.6  | 323.7  | 339.3  | 323.7  | 292.6  | 277.0  | 267.7  | 267.7  |
| 52°   | 239.7  | 249.0  | 261.5  | 286.4  | 308.1  | 333.0  | 314.4  | 280.1  | 261.5  | 252.1  | 245.9  |
| 52.5° | 236.6  | 242.8  | 255.2  | 283.2  | 308.1  | 329.9  | 311.3  | 277.0  | 255.2  | 249.0  | 242.8  |
| 55°   | 211.7  | 221.0  | 242.8  | 277.0  | 305.0  | 329.9  | 305.0  | 273.9  | 242.8  | 227.2  | 221.0  |
| 57.5° | 202.3  | 208.6  | 236.6  | 280.1  | 301.9  | 329.9  | 305.0  | 273.9  | 242.8  | 214.8  | 208.6  |
| 60°   | 193.0  | 205.5  | 236.6  | 270.8  | 298.8  | 333.0  | 308.1  | 270.8  | 236.6  | 202.3  | 202.3  |
| 62.5° | 183.7  | 193.0  | 233.5  | 264.6  | 286.4  | 320.6  | 295.7  | 264.6  | 227.2  | 193.0  | 189.9  |
| 65°   | 158.8  | 174.3  | 205.5  | 221.0  | 245.9  | 277.0  | 252.1  | 230.3  | 199.2  | 171.2  | 168.1  |
| 67.5° | 121.4  | 127.6  | 152.6  | 171.2  | 186.8  | 214.8  | 202.3  | 174.3  | 152.6  | 130.7  | 130.7  |
| 70°   | 84.0   | 90.2   | 108.9  | 118.2  | 133.8  | 149.4  | 140.0  | 118.2  | 102.7  | 90.2   | 87.1   |
| 72.5° | 59.1   | 62.2   | 68.5   | 74.7   | 80.9   | 87.1   | 84.0   | 68.5   | 59.1   | 56.0   | 52.9   |
| 75°   | 46.7   | 52.9   | 56.0   | 52.9   | 49.8   | 46.7   | 46.7   | 40.5   | 34.2   | 31.1   | 31.1   |
| 77.5° | 46.7   | 49.8   | 46.7   | 40.5   | 34.2   | 31.1   | 28.0   | 24.9   | 18.7   | 15.6   | 18.7   |
| 80°   | 40.5   | 40.5   | 40.5   | 34.2   | 31.1   | 28.0   | 24.9   | 21.8   | 18.7   | 15.6   | 15.6   |
| 82.5° | 43.6   | 43.6   | 40.5   | 34.2   | 34.2   | 28.0   | 28.0   | 24.9   | 21.8   | 15.6   | 15.6   |
| 85°   | 0.0    | 0.0    | 0.0    | 6.2    | 15.6   | 28.0   | 28.0   | 24.9   | 21.8   | 18.7   | 18.7   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 3.1    | 6.2    | 12.4   | 15.6   | 18.7   | 18.7   | 18.7   |
| 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°    | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8 | 7955.8  | 7955.8  | 7955.8  |
| 2.5°  | 6872.7 | 6990.9 | 7215.0 | 7439.1 | 7576.1 | 7738.0 | 8030.5 | 8186.1 | 8388.5  | 8488.0  | 8684.2  |
| 5°    | 5537.3 | 5817.4 | 5917.0 | 6172.3 | 6446.2 | 6720.1 | 7155.9 | 7635.2 | 8033.7  | 8307.6  | 8662.4  |
| 7.5°  | 4040.2 | 4105.5 | 4491.4 | 4662.7 | 5110.9 | 5608.9 | 6203.4 | 6807.2 | 7311.5  | 7759.7  | 8030.5  |
| 10°   | 3028.5 | 3268.2 | 3511.0 | 3837.8 | 4198.9 | 4712.5 | 5282.1 | 5948.1 | 6601.8  | 7050.0  | 7392.4  |
| 12.5° | 2434.0 | 2623.9 | 2947.6 | 3299.3 | 3744.5 | 4083.7 | 4656.4 | 5316.3 | 6162.9  | 6601.8  | 7053.1  |
| 15°   | 1842.6 | 2085.4 | 2452.7 | 2816.9 | 3286.9 | 3644.9 | 4223.8 | 5054.8 | 6144.3  | 6748.1  | 7137.1  |
| 17.5° | 1366.5 | 1531.4 | 1861.3 | 2269.1 | 2748.4 | 3252.7 | 4033.9 | 5026.8 | 6352.8  | 7071.8  | 7473.4  |
| 20°   | 1045.9 | 1101.9 | 1310.4 | 1674.6 | 2194.4 | 2854.3 | 3725.8 | 5148.3 | 6969.1  | 7859.3  | 8267.0  |
| 22.5° | 846.6  | 871.5  | 952.4  | 1204.6 | 1708.8 | 2505.7 | 3579.5 | 5232.3 | 7663.2  | 8802.4  | 9347.1  |
| 25°   | 737.7  | 731.5  | 784.4  | 893.3  | 1335.3 | 2178.8 | 3392.8 | 5549.8 | 8512.9  | 9910.5  | 10399.2 |
| 27.5° | 672.3  | 672.3  | 697.2  | 775.1  | 1108.1 | 1967.2 | 3274.4 | 5777.0 | 9368.9  | 10884.7 | 11149.3 |
| 30°   | 638.1  | 644.3  | 715.9  | 740.8  | 921.3  | 1715.1 | 3078.4 | 6007.3 | 10187.5 | 11507.2 | 11871.5 |
| 32.5° | 591.4  | 566.5  | 550.9  | 613.2  | 775.1  | 1487.8 | 2882.3 | 6103.8 | 10850.5 | 12269.9 | 12581.1 |
| 35°   | 454.5  | 442.0  | 460.7  | 507.4  | 666.1  | 1294.8 | 2664.4 | 6212.7 | 11613.1 | 13153.8 | 13216.1 |
| 37.5° | 410.8  | 407.7  | 420.2  | 460.7  | 560.3  | 1126.8 | 2508.8 | 6184.7 | 12195.2 | 13885.3 | 13717.2 |
| 40°   | 379.7  | 379.7  | 389.0  | 423.3  | 501.2  | 1008.4 | 2346.9 | 6159.8 | 12758.6 | 14707.0 | 14215.3 |
| 42.5° | 354.8  | 354.8  | 370.4  | 392.2  | 476.3  | 930.7  | 2225.5 | 6125.6 | 13231.6 | 15211.3 | 14507.8 |
| 45°   | 320.6  | 329.9  | 354.8  | 376.6  | 482.5  | 877.8  | 2135.2 | 5994.9 | 13393.5 | 15205.0 | 14367.7 |
| 47.5° | 295.7  | 308.1  | 333.0  | 364.2  | 435.7  | 862.2  | 2073.0 | 5879.7 | 13337.5 | 14831.5 | 13928.9 |
| 50°   | 267.7  | 283.2  | 317.5  | 370.4  | 370.4  | 831.1  | 2007.6 | 5982.5 | 13297.1 | 14542.1 | 13508.6 |
| 52°   | 249.0  | 261.5  | 305.0  | 361.0  | 323.7  | 765.7  | 1967.2 | 6181.6 | 13462.0 | 14504.7 | 13321.9 |
| 52.5° | 245.9  | 255.2  | 295.7  | 354.8  | 308.1  | 753.3  | 1939.2 | 6228.3 | 13514.9 | 14411.3 | 13449.5 |
| 55°   | 217.9  | 230.3  | 270.8  | 277.0  | 252.1  | 619.4  | 1848.9 | 6334.2 | 13253.4 | 14227.7 | 13328.2 |
| 57.5° | 205.5  | 211.7  | 239.7  | 227.2  | 217.9  | 466.9  | 1590.5 | 6169.2 | 11771.8 | 12637.1 | 12400.6 |
| 60°   | 189.9  | 196.1  | 224.1  | 177.5  | 183.7  | 326.8  | 1195.2 | 5356.7 | 9452.9  | 10529.9 | 10956.4 |
| 62.5° | 183.7  | 180.6  | 211.7  | 143.1  | 155.7  | 236.6  | 843.5  | 4354.5 | 7283.5  | 8668.6  | 9406.2  |
| 65°   | 161.9  | 158.8  | 152.6  | 121.4  | 133.8  | 183.7  | 504.3  | 2841.8 | 5132.7  | 6558.2  | 6962.9  |
| 67.5° | 124.5  | 130.7  | 112.0  | 96.5   | 112.0  | 143.1  | 280.1  | 1273.0 | 2692.4  | 3934.3  | 4261.2  |
| 70°   | 87.1   | 93.4   | 90.2   | 84.0   | 99.6   | 118.2  | 161.9  | 435.7  | 1114.3  | 2066.8  | 2278.4  |
| 72.5° | 52.9   | 65.3   | 68.5   | 71.6   | 87.1   | 102.7  | 115.1  | 140.0  | 295.7   | 731.5   | 908.9   |
| 75°   | 31.1   | 43.6   | 52.9   | 62.2   | 71.6   | 87.1   | 96.5   | 99.6   | 102.7   | 136.9   | 221.0   |
| 77.5° | 21.8   | 31.1   | 46.7   | 59.1   | 71.6   | 87.1   | 102.7  | 108.9  | 102.7   | 96.5    | 102.7   |
| 80°   | 18.7   | 31.1   | 43.6   | 56.0   | 74.7   | 90.2   | 102.7  | 102.7  | 99.6    | 87.1    | 93.4    |
| 82.5° | 18.7   | 31.1   | 46.7   | 59.1   | 71.6   | 87.1   | 99.6   | 102.7  | 93.4    | 87.1    | 90.2    |
| 85°   | 21.8   | 34.2   | 49.8   | 62.2   | 77.8   | 71.6   | 65.3   | 52.9   | 49.8    | 40.5    | 43.6    |
| 87.5° | 21.8   | 31.1   | 31.1   | 34.2   | 37.3   | 37.3   | 37.3   | 34.2   | 28.0    | 24.9    | 24.9    |
| 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: P652453

CATALOG NUMBER: GALN-SA6B-840-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7955.8  | 7955.8  | 7955.8  | 7955.8  | 7955.8  | 7955.8  | 7955.8  | 7955.8  | 7955.8  | 7955.8  |
| 2.5°  | 8693.5  | 8942.5  | 8933.2  | 8939.4  | 8902.1  | 8649.9  | 8528.5  | 8220.4  | 8307.6  | 8270.1  |
| 5°    | 9026.5  | 9272.4  | 9484.1  | 9459.1  | 9172.8  | 8830.4  | 8323.1  | 7843.8  | 7713.0  | 7520.1  |
| 7.5°  | 8693.5  | 9284.9  | 9481.0  | 9452.9  | 9029.6  | 8590.7  | 7781.5  | 7302.2  | 7074.9  | 6947.3  |
| 10°   | 8164.3  | 8849.1  | 9091.9  | 9141.7  | 8855.3  | 8189.2  | 7445.4  | 6676.5  | 6555.1  | 6334.2  |
| 12.5° | 7862.4  | 8360.5  | 8509.8  | 8643.7  | 8544.1  | 8046.1  | 7190.1  | 6452.4  | 6284.4  | 6138.0  |
| 15°   | 7616.5  | 7912.2  | 7974.4  | 8127.0  | 8186.1  | 7918.4  | 7323.9  | 6695.2  | 6281.3  | 6265.6  |
| 17.5° | 7843.8  | 7722.3  | 7495.2  | 7541.8  | 7728.6  | 7921.5  | 7669.4  | 7174.6  | 6773.0  | 6723.2  |
| 20°   | 8220.4  | 7685.0  | 7171.5  | 7286.6  | 7442.3  | 8033.7  | 8192.3  | 7843.8  | 7613.4  | 7485.8  |
| 22.5° | 8653.0  | 7750.4  | 7068.7  | 7124.7  | 7420.4  | 8285.7  | 9039.0  | 8846.0  | 8416.5  | 8232.8  |
| 25°   | 9452.9  | 7930.9  | 7149.7  | 7187.0  | 7591.6  | 8637.5  | 9804.7  | 9947.9  | 9692.6  | 9655.3  |
| 27.5° | 10234.2 | 8397.8  | 7327.0  | 7243.0  | 7678.8  | 8979.9  | 10268.4 | 11037.3 | 10589.0 | 10501.9 |
| 30°   | 10632.6 | 8777.5  | 7591.6  | 7448.5  | 8039.9  | 9188.4  | 10548.6 | 11746.9 | 11354.8 | 11314.3 |
| 32.5° | 11242.7 | 9123.0  | 7797.1  | 7613.4  | 8242.1  | 9446.7  | 11071.5 | 12522.0 | 12142.3 | 11939.9 |
| 35°   | 11497.9 | 9499.7  | 8248.4  | 8033.7  | 8821.1  | 9807.8  | 11339.2 | 13213.0 | 13094.7 | 12898.6 |
| 37.5° | 11989.7 | 9904.3  | 8780.6  | 8768.2  | 9521.5  | 10277.8 | 11821.7 | 14153.0 | 14131.2 | 13791.9 |
| 40°   | 12030.2 | 10346.2 | 9621.0  | 10013.2 | 10604.6 | 11096.4 | 12245.0 | 14414.4 | 14769.3 | 14539.0 |
| 42.5° | 12092.4 | 11121.3 | 11074.6 | 11398.3 | 11905.7 | 11799.8 | 12260.5 | 14476.7 | 15018.3 | 14881.3 |
| 45°   | 12120.5 | 11896.4 | 12553.1 | 13150.7 | 13362.4 | 12721.2 | 12114.3 | 14358.4 | 15149.0 | 14806.6 |
| 47.5° | 11896.4 | 12562.4 | 13748.3 | 14903.1 | 14965.3 | 13287.7 | 12052.0 | 14237.0 | 15226.8 | 14999.6 |
| 50°   | 11927.5 | 12979.6 | 14781.8 | 15815.1 | 15587.9 | 13788.8 | 11955.5 | 14162.4 | 15186.4 | 15033.9 |
| 52°   | 11852.8 | 12988.9 | 14928.0 | 15796.4 | 15637.7 | 13511.8 | 11790.5 | 13876.0 | 15149.0 | 15257.9 |
| 52.5° | 11936.8 | 12932.8 | 14775.5 | 15808.9 | 15603.5 | 13648.8 | 11768.7 | 14034.7 | 15170.8 | 14949.8 |
| 55°   | 11647.3 | 12266.7 | 13882.2 | 14321.1 | 14289.9 | 12388.1 | 11099.5 | 13508.6 | 14601.2 | 14604.3 |
| 57.5° | 10526.8 | 10632.6 | 10887.8 | 10878.5 | 10735.4 | 9739.3  | 9493.5  | 12422.4 | 13016.9 | 12693.2 |
| 60°   | 9275.6  | 7784.6  | 7096.7  | 6816.6  | 6657.9  | 6496.0  | 8397.8  | 11364.1 | 11420.1 | 11283.2 |
| 62.5° | 8014.9  | 5397.3  | 4482.1  | 4404.3  | 4441.7  | 5033.0  | 8117.7  | 10943.9 | 10607.7 | 10312.0 |
| 65°   | 6468.0  | 3934.3  | 3255.8  | 3153.1  | 3517.2  | 4155.3  | 6570.7  | 8391.6  | 7874.9  | 7629.0  |
| 67.5° | 4061.9  | 2869.8  | 2200.6  | 2007.6  | 2446.5  | 2860.5  | 4317.2  | 5272.7  | 4693.8  | 4354.5  |
| 70°   | 2409.1  | 1602.9  | 996.0   | 893.3   | 1005.3  | 1525.2  | 2418.5  | 2630.1  | 2175.7  | 2001.4  |
| 72.5° | 949.3   | 588.3   | 277.0   | 236.6   | 245.9   | 535.4   | 890.2   | 868.4   | 656.7   | 585.2   |
| 75°   | 255.2   | 177.5   | 96.5    | 77.8    | 65.3    | 99.6    | 143.1   | 93.4    | 34.2    | 43.6    |
| 77.5° | 118.2   | 105.8   | 84.0    | 65.3    | 49.8    | 37.3    | 18.7    | 6.2     | 6.2     | 3.1     |
| 80°   | 102.7   | 90.2    | 77.8    | 65.3    | 49.8    | 31.1    | 15.6    | 3.1     | 3.1     | 3.1     |
| 82.5° | 96.5    | 84.0    | 71.6    | 59.1    | 46.7    | 31.1    | 15.6    | 3.1     | 0.0     | 0.0     |
| 85°   | 40.5    | 52.9    | 59.1    | 56.0    | 49.8    | 31.1    | 15.6    | 3.1     | 0.0     | 0.0     |
| 87.5° | 21.8    | 18.7    | 15.6    | 12.4    | 9.3     | 6.2     | 6.2     | 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     |

(END OF REPORT)