

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: P452290

Luminaire Tested: **GALN-SA3B-727-U-SLL-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P452290  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SA3B-727-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10202 lumens  
Efficiency: N/A  
Efficacy: 84.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G2

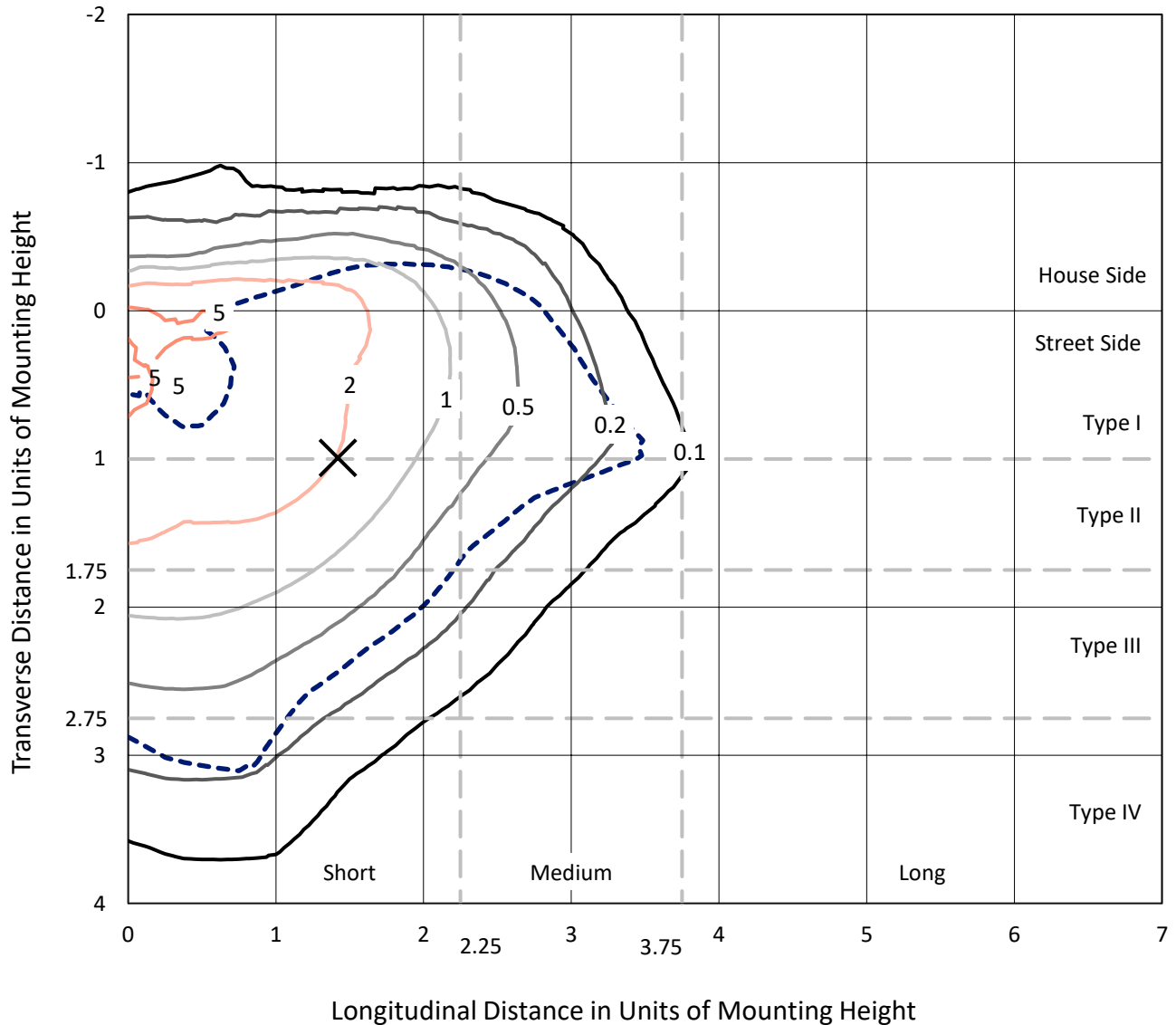
Input Watts (W): 121  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P452290  
 CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

### Iso-Footcandle Lines of Horizontal Illumination

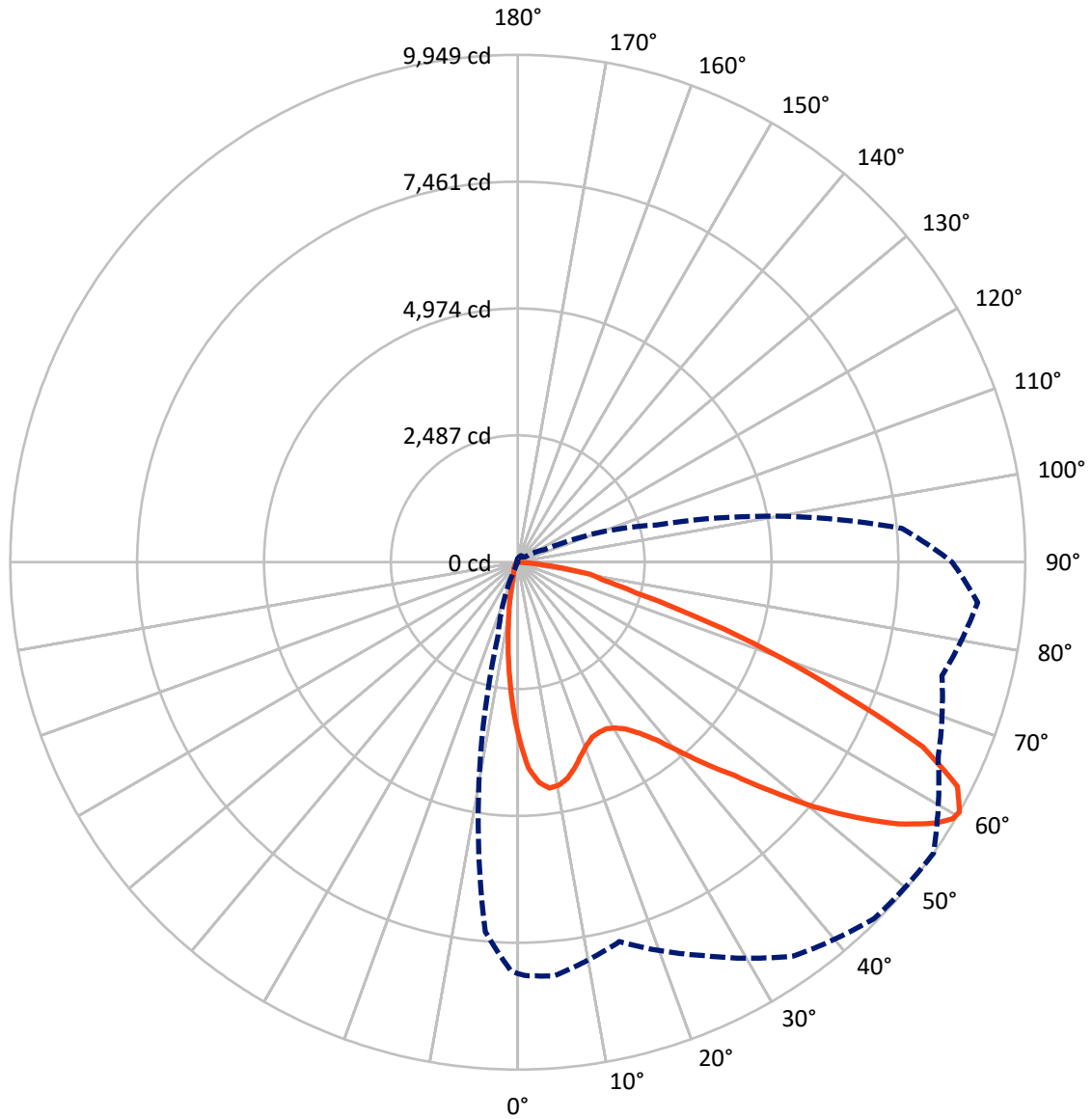
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc  
 Type III - Short - N/A

REPORT NUMBER: P452290  
CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral      - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P452290

CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

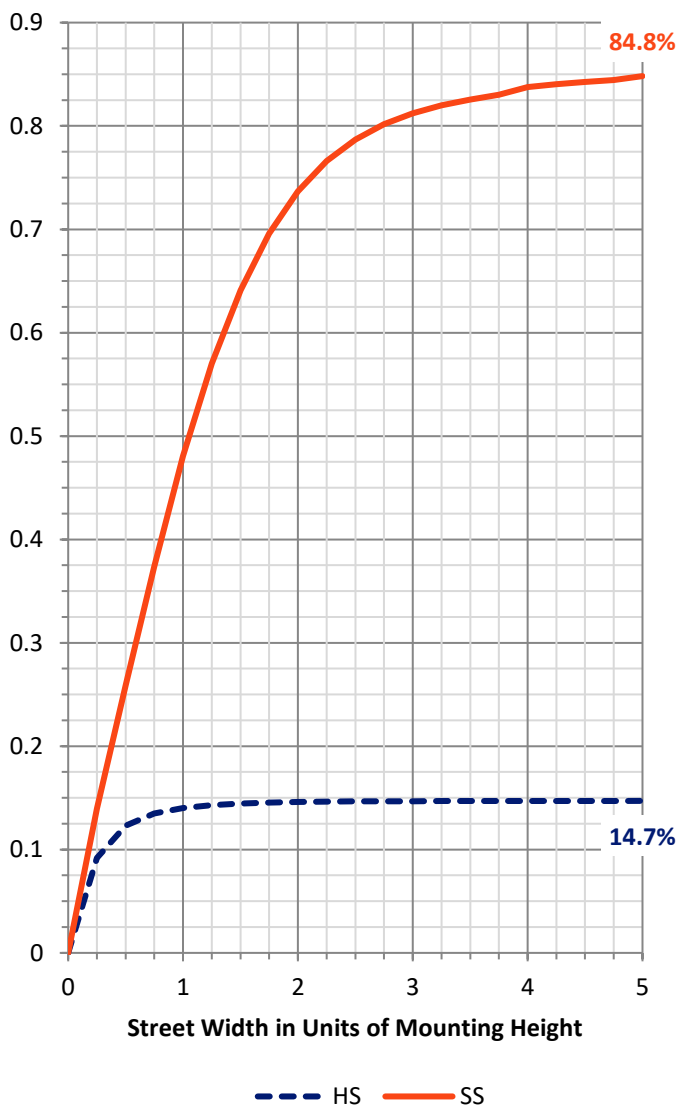
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1514.1   | 0.0    | 1514.1  |
|                    | % Fixture | 14.8     | 0.0    | 14.8    |
| <b>Street Side</b> | Lumens    | 8687.9   | 0.0    | 8687.9  |
|                    | % Fixture | 85.2     | 0.0    | 85.2    |
| <b>Total</b>       | Lumens    | 10202.0  | 0.0    | 10202.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 255.8   | 2.5       |
| 10°-20°   | 503.7   | 4.9       |
| 20°-30°   | 745.6   | 7.3       |
| 30°-40°   | 1111.4  | 10.9      |
| 40°-50°   | 1627.7  | 16.0      |
| 50°-60°   | 2349.9  | 23.0      |
| 60°-70°   | 2471.9  | 24.2      |
| 70°-80°   | 1016.9  | 10.0      |
| 80°-90°   | 119.1   | 1.2       |
| 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°    | 10202.0 | 100.0     |
| 0°-180°   | 10202.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P452290

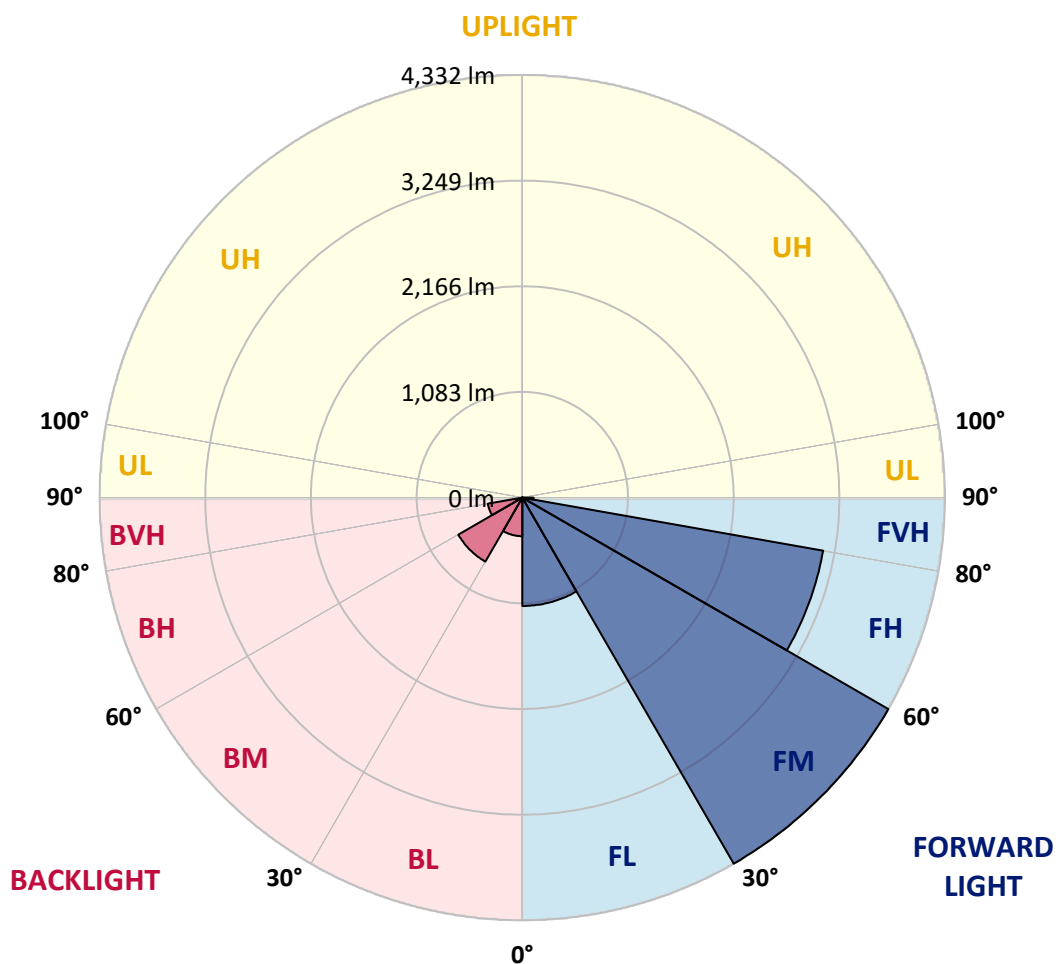
CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1110.1 | 10.9      |                         |      |         |
| FM   | (30°-60°)   | 4331.8 | 42.5      |                         |      |         |
| FH   | (60°-80°)   | 3130.4 | 30.7      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 115.6  | 1.1       |                         |      | G2/225  |
| BL   | (0°-30°)    | 395.0  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 757.2  | 7.4       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 358.4  | 3.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 3.5    | 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-G2**

Type III Short





REPORT NUMBER: P452290

CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 |
| 2.5°  | 3774.0 | 3767.7 | 3823.4 | 3914.5 | 4006.4 | 4054.3 | 4044.9 | 4041.0 | 3964.8 | 3909.0 | 3792.0 |
| 5°    | 3766.1 | 3798.3 | 3898.0 | 4144.6 | 4331.5 | 4421.8 | 4448.5 | 4336.2 | 4187.8 | 3972.6 | 3707.2 |
| 7.5°  | 3540.7 | 3580.8 | 3743.3 | 4128.9 | 4461.1 | 4657.4 | 4650.3 | 4470.5 | 4164.2 | 3831.3 | 3452.8 |
| 10°   | 3261.2 | 3308.3 | 3499.1 | 3967.1 | 4398.3 | 4657.4 | 4671.5 | 4443.8 | 4062.9 | 3635.8 | 3237.6 |
| 12.5° | 3064.1 | 3119.8 | 3331.1 | 3816.4 | 4236.5 | 4491.7 | 4508.2 | 4343.3 | 3986.8 | 3560.4 | 3120.6 |
| 15°   | 2997.3 | 3050.0 | 3264.3 | 3740.2 | 4064.5 | 4201.9 | 4198.0 | 4180.7 | 3956.9 | 3578.4 | 3126.9 |
| 17.5° | 3112.0 | 3155.2 | 3397.0 | 3774.8 | 3903.5 | 3889.4 | 3909.8 | 3993.1 | 3963.2 | 3730.0 | 3324.8 |
| 20°   | 3408.0 | 3452.0 | 3711.9 | 3880.8 | 3780.3 | 3690.7 | 3700.2 | 3839.1 | 4021.3 | 4015.0 | 3634.2 |
| 22.5° | 3815.6 | 3890.2 | 4125.8 | 4086.5 | 3763.8 | 3567.4 | 3547.8 | 3728.4 | 4120.3 | 4343.3 | 4052.0 |
| 25°   | 4331.5 | 4406.9 | 4590.6 | 4414.7 | 3844.6 | 3538.4 | 3520.3 | 3694.7 | 4240.4 | 4663.7 | 4522.3 |
| 27.5° | 4765.0 | 4822.3 | 5005.3 | 4734.3 | 3964.0 | 3551.0 | 3521.1 | 3699.4 | 4337.8 | 4936.2 | 4918.9 |
| 30°   | 5112.1 | 5154.5 | 5262.0 | 4883.5 | 4066.9 | 3605.9 | 3571.4 | 3768.5 | 4381.0 | 5068.9 | 5240.1 |
| 32.5° | 5391.6 | 5463.1 | 5496.8 | 5043.0 | 4214.5 | 3709.6 | 3650.7 | 3901.2 | 4486.2 | 5233.0 | 5576.9 |
| 35°   | 5711.2 | 5793.7 | 5750.5 | 5195.3 | 4409.2 | 3871.3 | 3799.1 | 4116.3 | 4645.6 | 5384.5 | 5968.0 |
| 37.5° | 6116.4 | 6211.4 | 6042.6 | 5355.5 | 4615.0 | 4114.8 | 4081.0 | 4418.7 | 4887.5 | 5601.3 | 6387.3 |
| 40°   | 6535.7 | 6590.7 | 6326.1 | 5550.2 | 4867.8 | 4468.9 | 4501.1 | 4867.8 | 5203.9 | 5861.2 | 6833.4 |
| 42.5° | 6863.2 | 6915.0 | 6617.4 | 5713.6 | 5126.2 | 4889.0 | 5023.3 | 5409.7 | 5566.7 | 6127.4 | 7166.3 |
| 45°   | 7113.7 | 7157.7 | 6819.2 | 5891.8 | 5474.8 | 5497.6 | 5751.3 | 5968.0 | 5930.3 | 6290.0 | 7423.1 |
| 47.5° | 7308.4 | 7346.1 | 6974.7 | 6083.4 | 5997.0 | 6242.1 | 6630.0 | 6721.8 | 6307.2 | 6465.9 | 7655.5 |
| 50°   | 7388.5 | 7399.5 | 7023.4 | 6327.6 | 6589.9 | 7190.6 | 7595.1 | 7539.3 | 6739.1 | 6661.4 | 7902.9 |
| 52.5° | 7493.0 | 7490.6 | 7162.4 | 6560.1 | 7147.5 | 8038.7 | 8442.4 | 8315.9 | 7227.6 | 6954.3 | 8180.9 |
| 55°   | 7767.0 | 7770.2 | 7460.0 | 6889.9 | 7622.5 | 8723.5 | 9155.4 | 9063.5 | 7742.7 | 7449.0 | 8505.2 |
| 57.5° | 8100.0 | 8111.8 | 7883.2 | 7275.5 | 8076.4 | 9219.8 | 9687.8 | 9652.4 | 8439.2 | 7999.5 | 8811.4 |
| 59°   | 8143.2 | 8166.7 | 8083.5 | 7547.2 | 8345.8 | 9372.1 | 9870.0 | 9904.5 | 8812.2 | 8362.3 | 8977.1 |
| 60°   | 8064.6 | 8103.9 | 8141.6 | 7701.1 | 8503.6 | 9427.1 | 9881.0 | 9948.5 | 9092.6 | 8608.8 | 9052.5 |
| 62.5° | 7722.3 | 7784.3 | 7973.6 | 8174.6 | 8700.7 | 9255.9 | 9529.9 | 9671.3 | 9439.6 | 9256.7 | 9059.6 |
| 65°   | 7273.9 | 7306.1 | 7579.4 | 8258.6 | 8318.3 | 8456.5 | 8541.3 | 8722.7 | 9022.7 | 9506.4 | 8735.3 |
| 67.5° | 6538.9 | 6633.9 | 6968.4 | 7771.0 | 7189.9 | 7026.5 | 7005.3 | 6824.7 | 7603.7 | 8911.2 | 7935.9 |
| 70°   | 5401.8 | 5444.2 | 5856.5 | 6370.8 | 5426.2 | 5174.9 | 5275.4 | 5207.9 | 5894.2 | 7671.2 | 6387.3 |
| 72.5° | 4084.9 | 4180.7 | 4583.6 | 5078.3 | 3692.3 | 3366.4 | 3643.6 | 3618.5 | 4427.3 | 6165.1 | 4388.0 |
| 75°   | 2906.3 | 2968.3 | 3481.9 | 3974.2 | 2585.9 | 2190.9 | 2290.6 | 2384.1 | 3090.8 | 4867.8 | 2592.9 |
| 77.5° | 1996.9 | 2050.3 | 2435.9 | 2628.3 | 1886.2 | 1806.9 | 1653.0 | 1743.3 | 2025.2 | 2888.2 | 1411.1 |
| 80°   | 1204.6 | 1202.2 | 1455.9 | 1503.0 | 1313.7 | 1525.8 | 1280.0 | 1437.0 | 1224.2 | 1236.0 | 546.5  |
| 82.5° | 782.1  | 774.3  | 890.5  | 970.6  | 731.1  | 768.8  | 515.9  | 743.6  | 797.8  | 344.7  | 172.8  |
| 85°   | 350.2  | 365.1  | 428.0  | 564.6  | 320.4  | 170.4  | 105.2  | 228.5  | 340.0  | 173.5  | 0.0    |
| 87.5° | 36.1   | 28.3   | 75.4   | 137.4  | 44.0   | 4.7    | 15.7   | 7.9    | 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: P452290

CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 |
| 2.5°  | 3737.8 | 3692.3 | 3556.5 | 3429.2 | 3320.1 | 3186.6 | 3100.2 | 2964.4 | 2881.9 | 2856.8 | 2860.7 |
| 5°    | 3587.9 | 3456.7 | 3198.4 | 2991.8 | 2761.8 | 2630.6 | 2431.2 | 2239.6 | 2135.9 | 2097.4 | 2080.2 |
| 7.5°  | 3273.8 | 3133.2 | 2821.4 | 2497.1 | 2250.6 | 2020.5 | 1872.1 | 1703.2 | 1587.8 | 1492.8 | 1476.3 |
| 10°   | 3040.5 | 2856.0 | 2469.7 | 2121.0 | 1926.2 | 1753.5 | 1605.1 | 1436.2 | 1300.4 | 1192.0 | 1162.2 |
| 12.5° | 2900.8 | 2694.2 | 2263.1 | 1971.0 | 1786.5 | 1609.0 | 1415.8 | 1220.3 | 1081.3 | 964.3  | 910.1  |
| 15°   | 2875.6 | 2636.1 | 2205.0 | 1863.4 | 1635.7 | 1421.3 | 1164.5 | 953.3  | 810.4  | 699.7  | 665.9  |
| 17.5° | 3027.2 | 2740.6 | 2196.4 | 1751.1 | 1438.6 | 1134.7 | 867.7  | 692.6  | 531.6  | 469.6  | 445.2  |
| 20°   | 3297.3 | 2925.1 | 2195.6 | 1620.8 | 1236.0 | 874.0  | 609.4  | 451.5  | 386.3  | 356.5  | 342.4  |
| 22.5° | 3665.6 | 3176.4 | 2237.2 | 1508.5 | 1025.6 | 644.7  | 435.0  | 359.7  | 322.0  | 297.6  | 292.1  |
| 25°   | 4115.6 | 3548.6 | 2339.3 | 1432.3 | 864.6  | 505.7  | 358.9  | 307.8  | 276.4  | 265.4  | 260.7  |
| 27.5° | 4515.3 | 3905.1 | 2451.6 | 1353.8 | 749.1  | 447.6  | 333.0  | 281.9  | 256.8  | 248.1  | 241.1  |
| 30°   | 4860.0 | 4228.6 | 2505.8 | 1250.1 | 656.5  | 409.9  | 337.7  | 301.5  | 268.6  | 242.6  | 230.9  |
| 32.5° | 5147.4 | 4476.8 | 2541.1 | 1155.9 | 578.0  | 335.3  | 267.0  | 233.2  | 218.3  | 208.9  | 201.0  |
| 35°   | 5507.0 | 4745.3 | 2519.9 | 1102.5 | 537.9  | 305.5  | 243.4  | 201.0  | 175.9  | 157.1  | 149.2  |
| 37.5° | 5884.0 | 5013.9 | 2483.0 | 1058.5 | 519.8  | 283.5  | 231.7  | 190.8  | 163.3  | 143.7  | 133.5  |
| 40°   | 6274.2 | 5262.8 | 2439.8 | 1017.7 | 503.4  | 269.3  | 224.6  | 182.2  | 154.7  | 133.5  | 122.5  |
| 42.5° | 6631.5 | 5505.5 | 2422.5 | 991.0  | 476.7  | 271.7  | 219.1  | 178.3  | 146.1  | 124.1  | 114.6  |
| 45°   | 6920.5 | 5735.6 | 2446.1 | 976.9  | 447.6  | 267.8  | 220.7  | 173.5  | 139.0  | 117.8  | 108.4  |
| 47.5° | 7229.1 | 6060.7 | 2522.3 | 962.7  | 419.3  | 248.9  | 232.4  | 172.8  | 135.9  | 113.9  | 103.7  |
| 50°   | 7588.0 | 6476.8 | 2696.6 | 928.2  | 384.8  | 228.5  | 247.4  | 172.0  | 131.9  | 109.2  | 98.9   |
| 52.5° | 8066.2 | 6949.6 | 2876.4 | 867.7  | 334.5  | 208.9  | 236.4  | 169.6  | 124.1  | 103.7  | 93.4   |
| 55°   | 8495.8 | 7447.4 | 3028.8 | 796.3  | 270.9  | 180.6  | 212.8  | 159.4  | 110.7  | 94.2   | 84.8   |
| 57.5° | 8673.2 | 7728.6 | 3024.0 | 697.3  | 216.7  | 158.6  | 175.1  | 146.1  | 96.6   | 83.2   | 75.4   |
| 59°   | 8608.0 | 7693.2 | 2922.7 | 624.3  | 197.9  | 146.8  | 145.3  | 144.5  | 90.3   | 75.4   | 69.1   |
| 60°   | 8516.2 | 7564.4 | 2813.6 | 588.2  | 186.1  | 139.0  | 133.5  | 142.9  | 84.8   | 70.7   | 64.4   |
| 62.5° | 8164.4 | 7030.5 | 2451.6 | 526.9  | 170.4  | 117.8  | 106.8  | 120.9  | 75.4   | 61.3   | 55.8   |
| 65°   | 7654.7 | 6209.9 | 2075.4 | 509.6  | 165.7  | 97.4   | 88.7   | 86.4   | 64.4   | 51.8   | 47.1   |
| 67.5° | 6660.6 | 5255.0 | 1681.2 | 497.9  | 167.3  | 81.7   | 77.7   | 65.2   | 53.4   | 43.2   | 40.0   |
| 70°   | 5332.7 | 4097.5 | 1376.6 | 484.5  | 168.8  | 66.7   | 65.2   | 51.8   | 43.2   | 36.1   | 33.0   |
| 72.5° | 3240.0 | 2428.8 | 1083.7 | 420.9  | 164.1  | 53.4   | 58.1   | 39.3   | 31.4   | 25.9   | 24.3   |
| 75°   | 2003.2 | 1662.4 | 672.2  | 327.5  | 108.4  | 39.3   | 40.8   | 24.3   | 21.2   | 16.5   | 16.5   |
| 77.5° | 1160.6 | 1049.9 | 240.3  | 117.8  | 47.9   | 23.6   | 18.1   | 12.6   | 11.8   | 7.1    | 7.1    |
| 80°   | 481.4  | 385.6  | 83.2   | 40.0   | 25.9   | 11.0   | 3.9    | 0.8    | 0.0    | 0.0    | 0.0    |
| 82.5° | 140.6  | 124.9  | 22.8   | 18.1   | 7.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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    |





REPORT NUMBER: P452290  
 CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 |
| 2.5°  | 2794.0 | 2768.0 | 2756.3 | 2796.3 | 2759.4 | 2806.5 | 2770.4 | 2786.1 | 2832.4 | 2852.9 | 2905.5 |
| 5°    | 2091.2 | 2064.5 | 2051.9 | 2112.4 | 2109.2 | 2139.1 | 2135.9 | 2163.4 | 2187.0 | 2134.3 | 2188.5 |
| 7.5°  | 1456.7 | 1438.6 | 1468.4 | 1515.6 | 1565.8 | 1549.3 | 1549.3 | 1512.4 | 1525.0 | 1517.1 | 1514.8 |
| 10°   | 1108.0 | 1046.0 | 1030.3 | 1028.7 | 1047.5 | 1051.5 | 1030.3 | 979.2  | 998.1  | 1003.6 | 1036.5 |
| 12.5° | 871.6  | 823.7  | 750.7  | 717.7  | 709.1  | 716.2  | 646.3  | 601.5  | 622.7  | 610.1  | 642.3  |
| 15°   | 625.1  | 585.8  | 542.6  | 505.7  | 495.5  | 481.4  | 405.2  | 351.8  | 345.5  | 347.9  | 353.4  |
| 17.5° | 446.0  | 419.3  | 419.3  | 380.1  | 358.9  | 316.5  | 278.0  | 254.4  | 252.1  | 254.4  | 258.4  |
| 20°   | 329.0  | 314.9  | 313.3  | 303.1  | 279.6  | 251.3  | 224.6  | 219.9  | 218.3  | 222.2  | 223.8  |
| 22.5° | 283.5  | 268.6  | 256.0  | 255.2  | 233.2  | 209.7  | 197.1  | 190.8  | 191.6  | 193.2  | 197.1  |
| 25°   | 253.6  | 237.9  | 224.6  | 216.7  | 201.0  | 184.5  | 172.8  | 169.6  | 169.6  | 172.0  | 172.8  |
| 27.5° | 232.4  | 212.8  | 201.0  | 190.0  | 175.9  | 161.8  | 151.6  | 149.2  | 147.6  | 149.2  | 153.1  |
| 30°   | 217.5  | 197.9  | 183.0  | 166.5  | 155.5  | 142.1  | 133.5  | 130.4  | 129.6  | 130.4  | 133.5  |
| 32.5° | 186.1  | 174.3  | 162.5  | 147.6  | 134.3  | 125.6  | 116.2  | 110.7  | 110.7  | 112.3  | 115.4  |
| 35°   | 140.6  | 134.3  | 133.5  | 129.6  | 118.6  | 109.2  | 98.2   | 92.7   | 92.7   | 95.8   | 97.4   |
| 37.5° | 124.1  | 112.3  | 110.7  | 109.2  | 104.4  | 91.9   | 81.7   | 77.0   | 76.2   | 78.5   | 81.7   |
| 40°   | 113.1  | 99.7   | 92.7   | 91.1   | 91.9   | 77.7   | 66.7   | 62.0   | 62.0   | 62.8   | 66.0   |
| 42.5° | 104.4  | 88.7   | 76.2   | 74.6   | 77.7   | 65.2   | 54.2   | 49.5   | 49.5   | 49.5   | 53.4   |
| 45°   | 97.4   | 79.3   | 64.4   | 56.5   | 61.3   | 53.4   | 44.0   | 39.3   | 37.7   | 39.3   | 40.8   |
| 47.5° | 92.7   | 72.2   | 56.5   | 45.5   | 45.5   | 42.4   | 35.3   | 29.8   | 28.3   | 29.1   | 31.4   |
| 50°   | 88.7   | 66.0   | 47.9   | 36.9   | 33.0   | 33.8   | 26.7   | 22.8   | 21.2   | 21.2   | 23.6   |
| 52.5° | 82.5   | 59.7   | 41.6   | 31.4   | 25.1   | 22.8   | 19.6   | 16.5   | 15.7   | 16.5   | 18.1   |
| 55°   | 74.6   | 54.2   | 36.1   | 25.9   | 19.6   | 15.7   | 14.1   | 11.8   | 11.0   | 11.8   | 14.1   |
| 57.5° | 66.0   | 45.5   | 29.1   | 20.4   | 13.3   | 10.2   | 9.4    | 7.9    | 6.3    | 7.1    | 8.6    |
| 59°   | 60.5   | 40.8   | 25.1   | 16.5   | 10.2   | 7.1    | 7.1    | 5.5    | 3.9    | 4.7    | 7.1    |
| 60°   | 58.1   | 37.7   | 21.2   | 14.1   | 8.6    | 5.5    | 5.5    | 3.9    | 2.4    | 3.1    | 5.5    |
| 62.5° | 49.5   | 31.4   | 16.5   | 8.6    | 3.9    | 0.8    | 2.4    | 0.8    | 0.0    | 0.8    | 2.4    |
| 65°   | 41.6   | 25.1   | 11.0   | 3.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.8    |
| 67.5° | 34.6   | 18.8   | 5.5    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°   | 27.5   | 12.6   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5° | 18.8   | 7.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°   | 11.8   | 2.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 4.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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    |



REPORT NUMBER: P452290  
 CATALOG NUMBER: GALN-SA3B-727-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 | 3454.4 |
| 2.5°  | 2908.6 | 3020.9 | 3090.0 | 3220.4 | 3353.9 | 3456.7 | 3585.5 | 3700.9 | 3748.8 | 3774.0 |
| 5°    | 2243.5 | 2399.8 | 2532.5 | 2731.1 | 2915.7 | 3140.3 | 3368.0 | 3636.5 | 3739.4 | 3766.1 |
| 7.5°  | 1574.5 | 1733.9 | 1872.9 | 2102.9 | 2366.0 | 2666.8 | 3007.6 | 3348.4 | 3498.3 | 3540.7 |
| 10°   | 1137.1 | 1307.5 | 1477.1 | 1707.2 | 1952.9 | 2278.8 | 2633.8 | 3055.5 | 3228.2 | 3261.2 |
| 12.5° | 717.7  | 900.7  | 1176.3 | 1460.6 | 1720.5 | 1982.8 | 2354.2 | 2812.8 | 3003.6 | 3064.1 |
| 15°   | 416.2  | 552.8  | 760.9  | 1131.6 | 1462.2 | 1809.2 | 2214.4 | 2721.7 | 2935.3 | 2997.3 |
| 17.5° | 278.8  | 325.9  | 468.8  | 752.3  | 1188.9 | 1649.1 | 2179.1 | 2796.3 | 3032.7 | 3112.0 |
| 20°   | 234.8  | 256.0  | 306.3  | 458.6  | 915.6  | 1506.1 | 2188.5 | 2998.9 | 3309.1 | 3408.0 |
| 22.5° | 206.5  | 226.2  | 258.4  | 329.8  | 639.2  | 1328.7 | 2233.3 | 3288.7 | 3689.2 | 3815.6 |
| 25°   | 182.2  | 201.8  | 230.1  | 273.3  | 429.5  | 1123.7 | 2331.4 | 3712.7 | 4192.5 | 4331.5 |
| 27.5° | 161.8  | 179.8  | 204.2  | 241.1  | 330.6  | 895.2  | 2418.6 | 4125.8 | 4651.9 | 4765.0 |
| 30°   | 142.9  | 157.8  | 181.4  | 209.7  | 274.8  | 690.2  | 2462.6 | 4487.0 | 4986.4 | 5112.1 |
| 32.5° | 124.1  | 138.2  | 161.0  | 183.8  | 226.2  | 526.1  | 2432.0 | 4752.4 | 5311.5 | 5391.6 |
| 35°   | 106.0  | 120.9  | 139.8  | 161.0  | 195.5  | 424.8  | 2278.8 | 5050.8 | 5648.4 | 5711.2 |
| 37.5° | 91.1   | 103.7  | 123.3  | 139.8  | 176.7  | 340.0  | 2093.5 | 5319.4 | 6026.1 | 6116.4 |
| 40°   | 77.0   | 89.5   | 109.2  | 124.1  | 162.5  | 267.8  | 1926.2 | 5617.8 | 6424.2 | 6535.7 |
| 42.5° | 62.8   | 77.7   | 95.0   | 119.4  | 139.8  | 204.2  | 1723.7 | 5859.6 | 6723.4 | 6863.2 |
| 45°   | 50.3   | 66.7   | 85.6   | 118.6  | 121.7  | 155.5  | 1528.1 | 6048.1 | 6988.0 | 7113.7 |
| 47.5° | 40.0   | 56.5   | 82.5   | 110.7  | 99.7   | 123.3  | 1416.6 | 6245.2 | 7207.9 | 7308.4 |
| 50°   | 32.2   | 47.1   | 86.4   | 97.4   | 83.2   | 104.4  | 1413.5 | 6465.1 | 7321.8 | 7388.5 |
| 52.5° | 25.9   | 38.5   | 73.0   | 74.6   | 70.7   | 91.9   | 1498.3 | 6712.4 | 7438.0 | 7493.0 |
| 55°   | 22.0   | 32.2   | 47.9   | 55.0   | 63.6   | 83.2   | 1561.9 | 7093.3 | 7715.2 | 7767.0 |
| 57.5° | 17.3   | 27.5   | 36.9   | 44.0   | 56.5   | 76.2   | 1570.5 | 7387.0 | 8066.2 | 8100.0 |
| 59°   | 14.9   | 23.6   | 33.0   | 39.3   | 51.8   | 71.5   | 1535.2 | 7405.0 | 8089.0 | 8143.2 |
| 60°   | 12.6   | 21.2   | 29.1   | 36.9   | 47.9   | 67.5   | 1496.7 | 7273.9 | 8004.2 | 8064.6 |
| 62.5° | 9.4    | 16.5   | 21.2   | 29.8   | 39.3   | 58.1   | 1314.5 | 6816.1 | 7679.9 | 7722.3 |
| 65°   | 6.3    | 11.8   | 15.7   | 22.0   | 30.6   | 50.3   | 1071.1 | 6222.4 | 7178.9 | 7273.9 |
| 67.5° | 3.9    | 8.6    | 12.6   | 16.5   | 25.1   | 42.4   | 763.3  | 5335.9 | 6477.6 | 6538.9 |
| 70°   | 2.4    | 5.5    | 9.4    | 13.3   | 19.6   | 33.8   | 453.1  | 4217.6 | 5389.3 | 5401.8 |
| 72.5° | 1.6    | 3.9    | 6.3    | 9.4    | 15.7   | 30.6   | 219.9  | 2749.2 | 3934.9 | 4084.9 |
| 75°   | 0.8    | 2.4    | 3.9    | 7.1    | 12.6   | 25.1   | 105.2  | 1836.7 | 2863.1 | 2906.3 |
| 77.5° | 0.0    | 0.8    | 2.4    | 4.7    | 9.4    | 19.6   | 61.3   | 1206.2 | 1952.2 | 1996.9 |
| 80°   | 0.0    | 0.0    | 1.6    | 3.9    | 7.1    | 12.6   | 36.9   | 711.4  | 1182.6 | 1204.6 |
| 82.5° | 0.0    | 0.0    | 0.8    | 3.1    | 4.7    | 9.4    | 18.8   | 312.5  | 774.3  | 782.1  |
| 85°   | 0.0    | 0.0    | 0.8    | 3.1    | 3.9    | 6.3    | 7.1    | 42.4   | 343.9  | 350.2  |
| 87.5° | 0.0    | 0.0    | 0.8    | 3.9    | 3.9    | 3.9    | 3.9    | 2.4    | 29.1   | 36.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)