

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: P939003

Luminaire Tested: **GLAN-SB1B-927-U-T1**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P939003  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1B-927-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

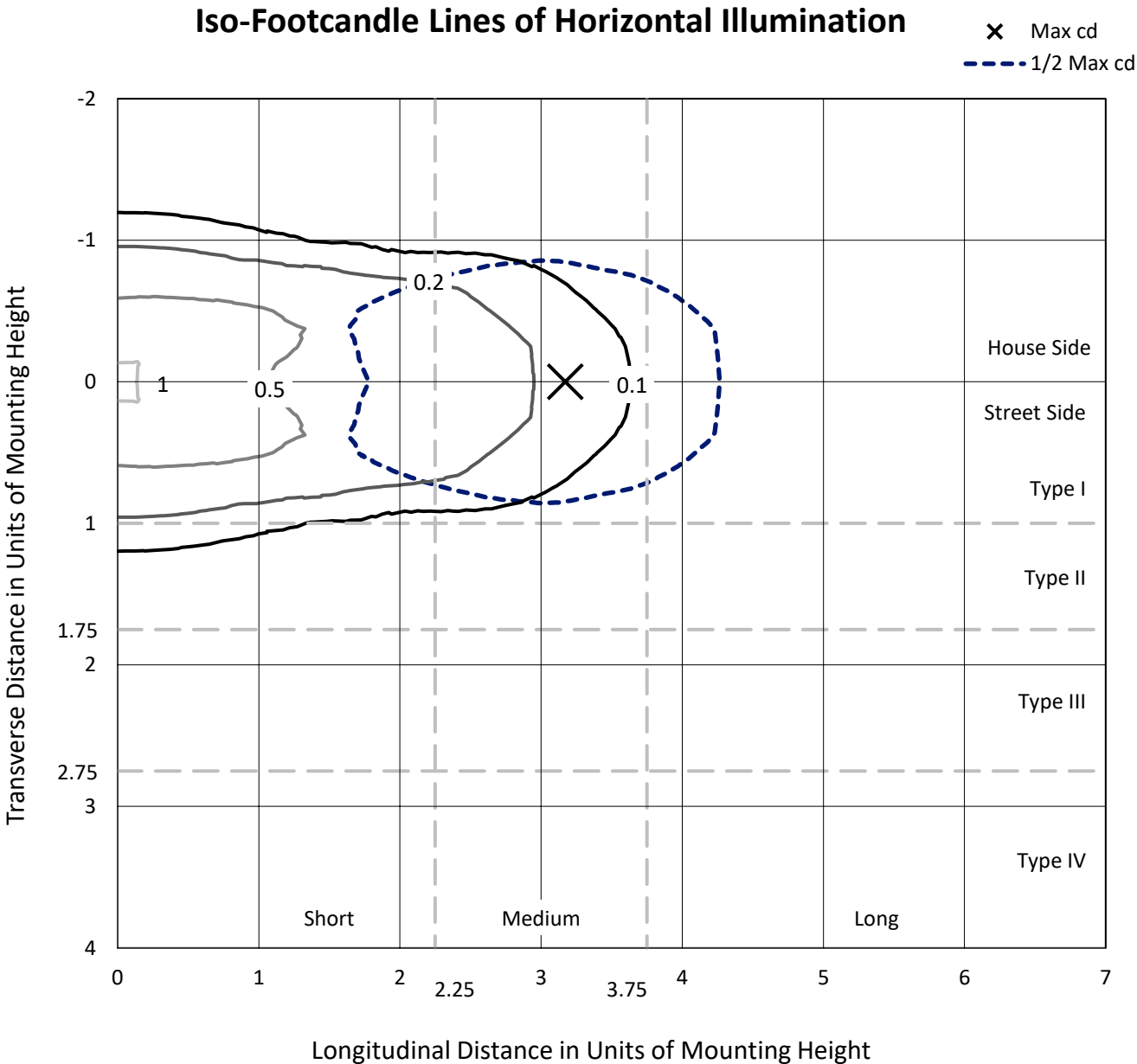
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3392 lumens  
Efficiency: N/A  
Efficacy: 85.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B2 - U0 - G2

Input Watts (W): 39.8  
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

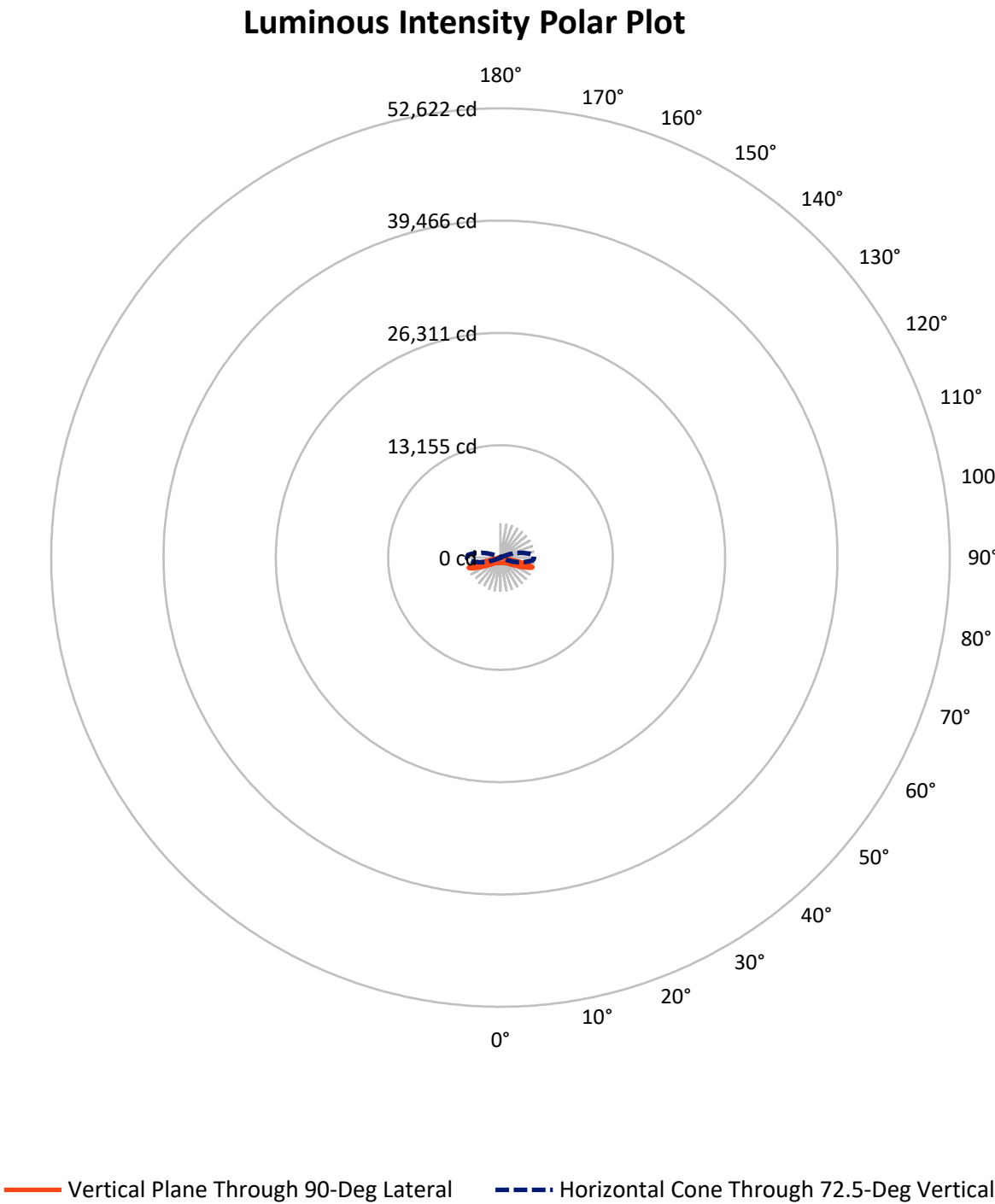


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Based on 25 foot mounting height. Maximum calculated value = 1 fc  
Type I - Short - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1696.0   | 0.0    | 1696.0 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 1696.0   | 0.0    | 1696.0 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 3392.0   | 0.0    | 3392.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 61.5   | 1.8       |
| 10°-20°   | 187.9  | 5.5       |
| 20°-30°   | 313.3  | 9.2       |
| 30°-40°   | 430.9  | 12.7      |
| 40°-50°   | 526.3  | 15.5      |
| 50°-60°   | 608.7  | 17.9      |
| 60°-70°   | 725.8  | 21.4      |
| 70°-80°   | 506.5  | 14.9      |
| 80°-90°   | 31.1   | 0.9       |
| 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°    | 3392.0 | 100.0     |
| 0°-180°   | 3392.0 | 100.0     |

**Coefficient of Utilization**



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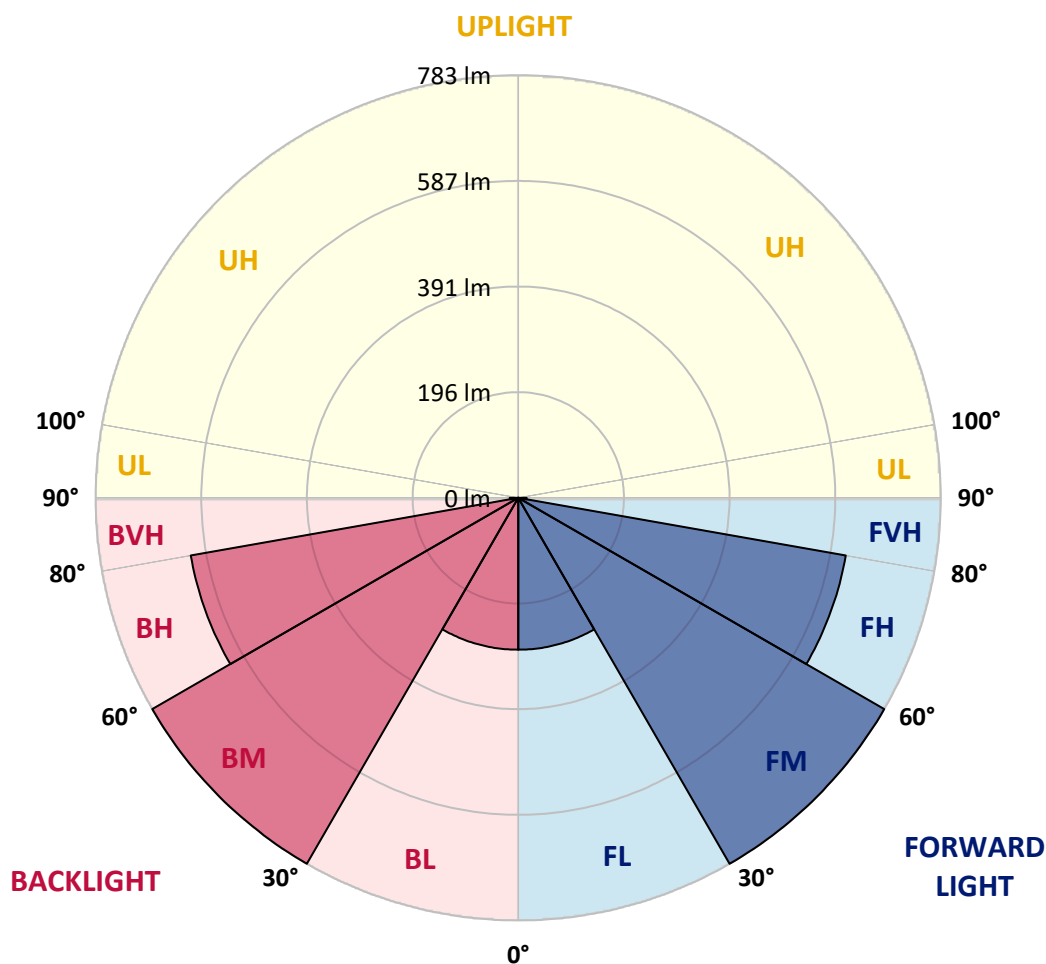
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 281.3  | 8.3       |                         |      |         |
| FM   | (30°-60°)   | 782.9  | 23.1      |                         |      |         |
| FH   | (60°-80°)   | 616.2  | 18.2      |                         |      | G0/660  |
| FVH  | (80°-90°)   | 15.6   | 0.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 281.3  | 8.3       | B1/500                  |      |         |
| BM   | (30°-60°)   | 782.9  | 23.1      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 616.2  | 18.2      | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 15.6   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type I Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°    | 75°    | 85°    |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0°    | 633.8 | 633.8 | 633.8 | 633.8 | 633.8 | 633.8 | 633.8 | 633.8  | 633.8  | 633.8  |
| 2.5°  | 634.4 | 635.1 | 635.1 | 634.6 | 635.8 | 634.7 | 634.7 | 634.2  | 634.7  | 634.2  |
| 5°    | 637.6 | 638.5 | 638.9 | 638.7 | 640.3 | 639.4 | 639.4 | 638.7  | 638.9  | 638.3  |
| 7.5°  | 643.7 | 645.0 | 645.7 | 646.6 | 649.0 | 647.9 | 647.2 | 645.0  | 644.1  | 642.7  |
| 10°   | 645.7 | 647.2 | 649.5 | 654.2 | 659.6 | 659.8 | 657.6 | 652.2  | 648.1  | 644.8  |
| 12.5° | 639.6 | 641.6 | 646.4 | 656.0 | 668.1 | 672.9 | 669.5 | 660.5  | 652.4  | 646.6  |
| 15°   | 631.8 | 634.0 | 641.4 | 655.8 | 673.7 | 685.0 | 684.7 | 672.8  | 659.8  | 650.8  |
| 17.5° | 619.8 | 621.9 | 632.6 | 652.8 | 678.0 | 696.7 | 701.8 | 689.5  | 671.3  | 659.2  |
| 20°   | 598.0 | 599.9 | 614.7 | 643.0 | 679.4 | 709.2 | 722.3 | 711.5  | 688.8  | 672.4  |
| 22.5° | 569.7 | 572.7 | 590.0 | 626.3 | 676.0 | 722.2 | 745.8 | 738.4  | 709.2  | 686.5  |
| 25°   | 539.4 | 542.6 | 562.8 | 605.7 | 667.2 | 731.5 | 773.5 | 768.9  | 732.3  | 704.0  |
| 27.5° | 513.2 | 516.7 | 538.6 | 585.3 | 653.5 | 735.1 | 800.9 | 803.3  | 760.2  | 723.2  |
| 30°   | 492.7 | 495.9 | 519.4 | 568.9 | 635.8 | 731.5 | 824.9 | 841.1  | 788.7  | 740.0  |
| 32.5° | 470.1 | 474.3 | 499.0 | 548.9 | 614.9 | 722.9 | 845.8 | 882.1  | 821.7  | 758.0  |
| 35°   | 441.7 | 445.4 | 471.4 | 521.5 | 587.5 | 709.0 | 863.3 | 927.5  | 868.9  | 785.4  |
| 37.5° | 407.1 | 410.7 | 436.4 | 487.3 | 560.3 | 689.5 | 876.7 | 978.7  | 925.1  | 824.9  |
| 40°   | 372.3 | 375.7 | 399.8 | 449.1 | 527.7 | 664.7 | 881.3 | 1028.8 | 989.7  | 879.2  |
| 42.5° | 340.4 | 343.4 | 365.6 | 411.4 | 491.1 | 632.9 | 875.2 | 1072.4 | 1047.6 | 917.0  |
| 45°   | 311.0 | 313.7 | 333.3 | 376.0 | 453.0 | 594.4 | 856.8 | 1119.3 | 1116.4 | 944.1  |
| 47.5° | 277.4 | 280.1 | 300.5 | 341.8 | 415.0 | 549.1 | 825.6 | 1165.4 | 1212.1 | 1005.4 |
| 50°   | 236.5 | 238.9 | 259.8 | 302.3 | 375.5 | 501.0 | 782.4 | 1201.7 | 1332.9 | 1098.2 |
| 52.5° | 188.0 | 190.5 | 210.9 | 253.5 | 328.6 | 449.2 | 725.4 | 1225.3 | 1472.4 | 1233.8 |
| 55°   | 139.9 | 141.7 | 159.4 | 197.6 | 270.6 | 390.3 | 654.0 | 1232.0 | 1630.7 | 1419.1 |
| 57.5° | 101.5 | 102.6 | 113.9 | 142.4 | 205.1 | 316.6 | 567.3 | 1214.7 | 1819.1 | 1656.7 |
| 60°   | 82.2  | 82.6  | 86.0  | 98.6  | 142.6 | 233.3 | 462.6 | 1155.2 | 2023.5 | 1963.0 |
| 62.5° | 74.6  | 74.6  | 75.5  | 79.0  | 96.4  | 154.0 | 335.8 | 1031.9 | 2242.7 | 2350.0 |
| 65°   | 69.4  | 69.4  | 69.8  | 71.4  | 76.1  | 98.1  | 212.0 | 831.0  | 2427.5 | 2803.4 |
| 67.5° | 64.7  | 64.9  | 64.7  | 65.3  | 68.0  | 72.5  | 122.9 | 574.0  | 2527.0 | 3273.2 |
| 70°   | 59.8  | 60.2  | 59.3  | 59.3  | 61.5  | 61.7  | 77.0  | 314.8  | 2444.5 | 3666.9 |
| 72.5° | 54.1  | 54.6  | 53.2  | 52.8  | 54.4  | 53.7  | 57.9  | 151.1  | 2098.7 | 3784.4 |
| 75°   | 49.0  | 49.8  | 46.5  | 45.6  | 45.6  | 45.1  | 47.1  | 77.5   | 1362.1 | 3087.1 |
| 77.5° | 44.5  | 46.0  | 40.7  | 37.9  | 37.1  | 35.5  | 38.4  | 47.4   | 595.8  | 1449.4 |
| 80°   | 36.8  | 38.8  | 33.5  | 30.1  | 28.8  | 27.0  | 30.3  | 33.2   | 177.2  | 336.6  |
| 82.5° | 27.4  | 28.3  | 23.8  | 21.5  | 20.4  | 19.1  | 22.7  | 23.1   | 57.7   | 119.2  |
| 85°   | 17.5  | 17.8  | 14.6  | 12.6  | 12.1  | 11.5  | 14.4  | 12.6   | 22.0   | 87.6   |
| 87.5° | 6.1   | 7.0   | 5.6   | 5.0   | 5.4   | 4.5   | 6.7   | 3.8    | 6.1    | 61.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    |

(END C

90°

633.8  
634.2  
638.3  
642.7  
644.3  
645.7  
649.3  
657.3  
669.3  
682.3  
698.2  
717.1  
731.2  
746.9  
773.0  
808.3  
861.5  
894.3  
913.4  
970.0  
1053.9  
1179.1  
1350.8  
1570.7  
1854.6  
2204.9  
2619.9  
3075.1  
3614.8  
3921.4  
3302.0  
1419.3  
322.3  
134.7  
127.3  
76.6  
0.0