

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: P940553

Luminaire Tested: **GLAN-SB3C-935-U-T1**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P940553  
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-SB3C-935-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

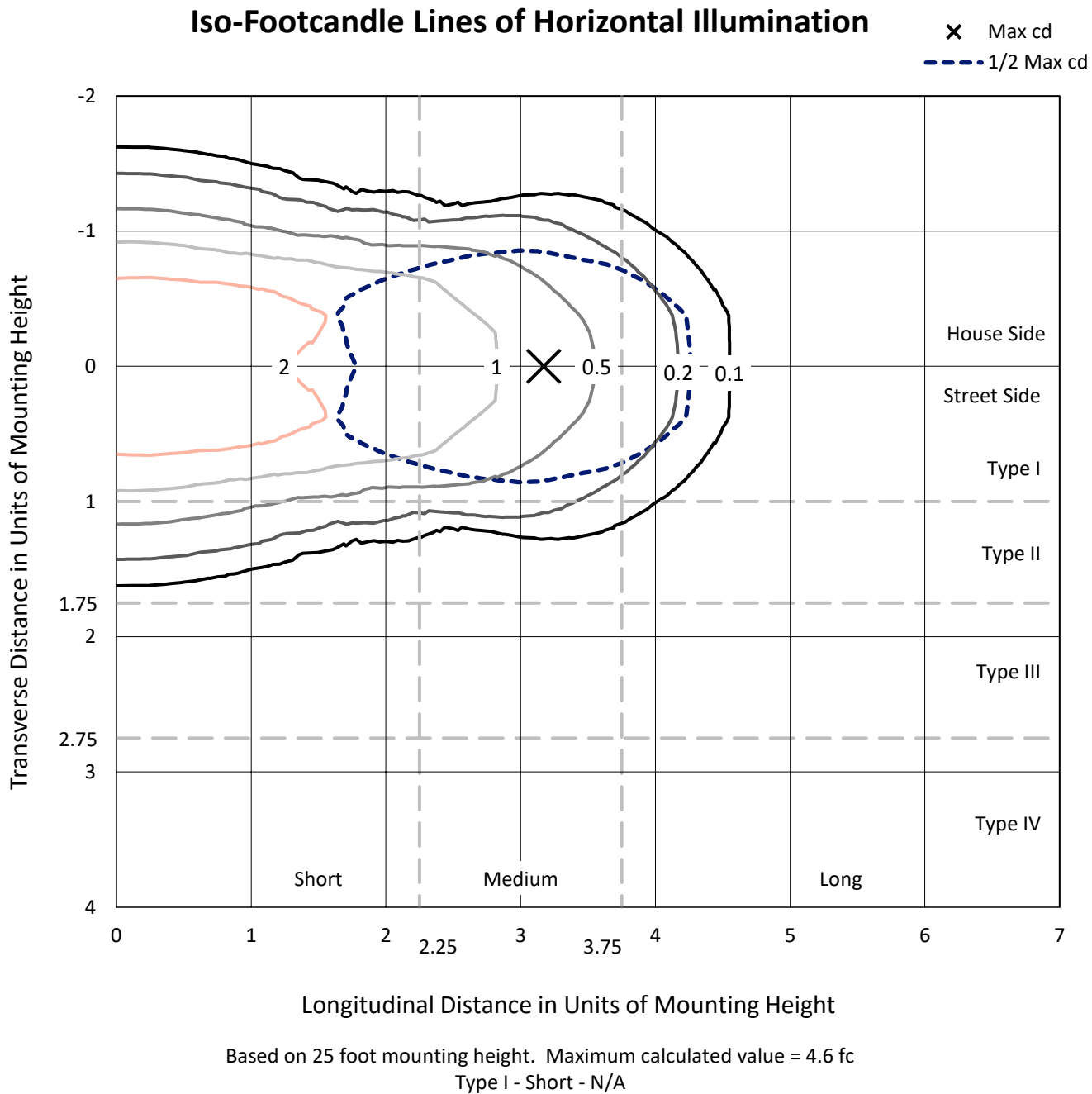
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 15464 lumens  
Efficiency: N/A  
Efficacy: 103.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B4 - U0 - G4

Input Watts (W): 149.1  
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

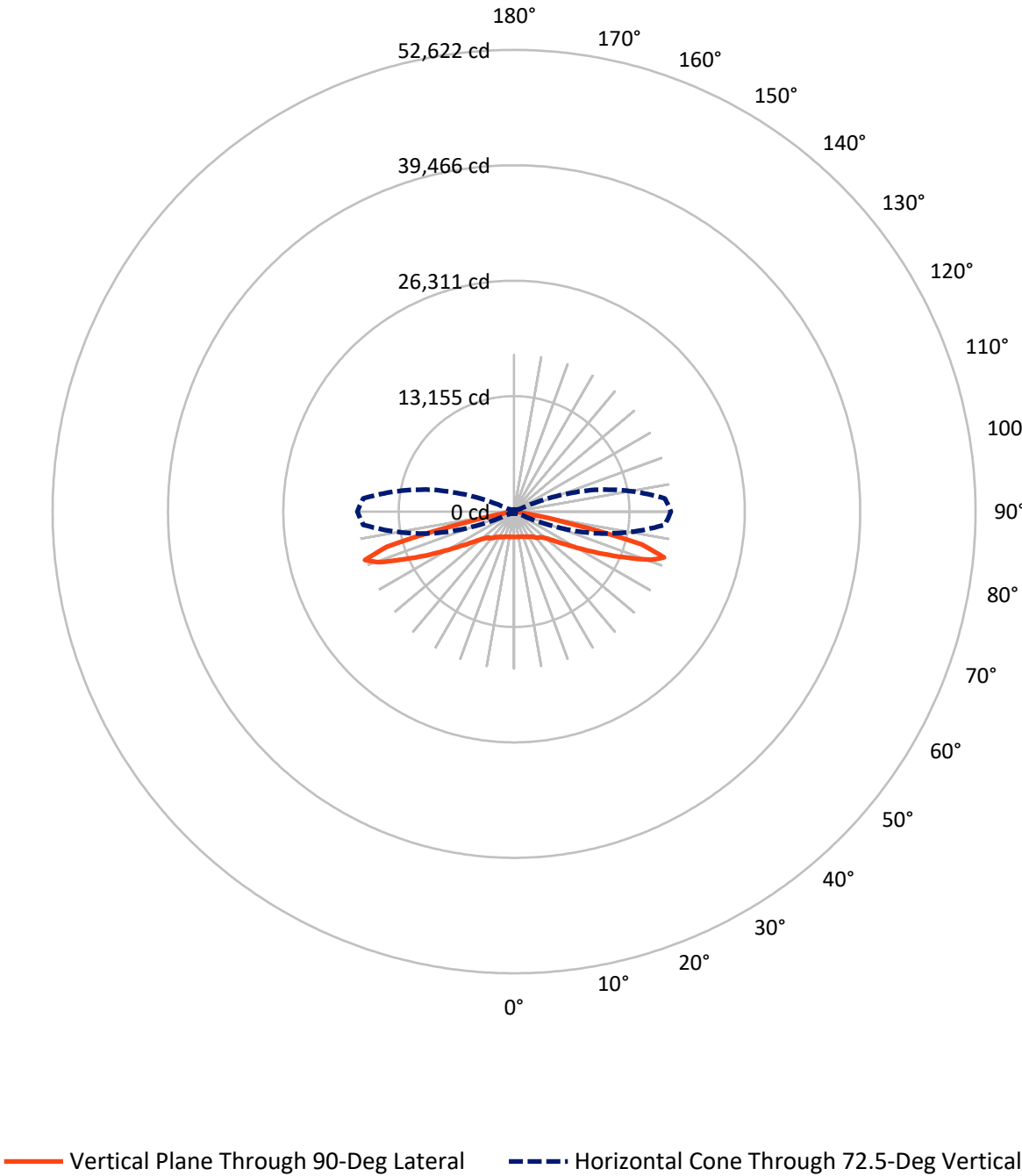


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Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7732.0   | 0.0    | 7732.0  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Street Side</b> | Lumens    | 7732.0   | 0.0    | 7732.0  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Total</b>       | Lumens    | 15464.0  | 0.0    | 15464.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 280.2   | 1.8       |
| 10°-20°   | 856.7   | 5.5       |
| 20°-30°   | 1428.4  | 9.2       |
| 30°-40°   | 1964.6  | 12.7      |
| 40°-50°   | 2399.3  | 15.5      |
| 50°-60°   | 2775.0  | 17.9      |
| 60°-70°   | 3308.7  | 21.4      |
| 70°-80°   | 2309.3  | 14.9      |
| 80°-90°   | 141.8   | 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°    | 15464.0 | 100.0     |
| 0°-180°   | 15464.0 | 100.0     |

**Coefficient of Utilization**



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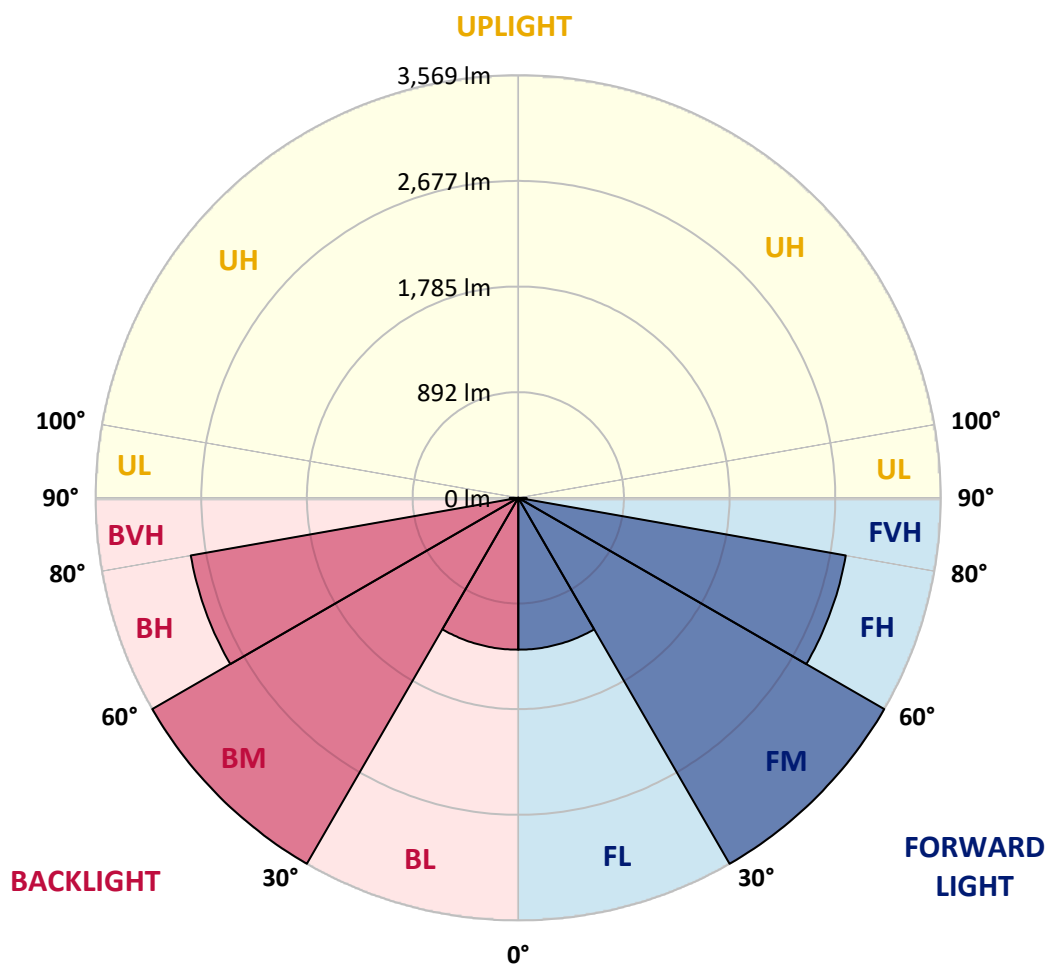
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1282.7 | 8.3       |                         |      |         |
| FM   | (30°-60°)   | 3569.4 | 23.1      |                         |      |         |
| FH   | (60°-80°)   | 2809.0 | 18.2      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 70.9   | 0.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 1282.7 | 8.3       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3569.4 | 23.1      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 2809.0 | 18.2      | B4/5000                 |      | G4/5000 |
| BVH  | (80°-90°)   | 70.9   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B4-U0-G4**

Type I Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°     | 85°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 2889.6 | 2889.6 | 2889.6 | 2889.6 | 2889.6 | 2889.6 | 2889.6 | 2889.6 | 2889.6  | 2889.6  |
| 2.5°  | 2892.1 | 2895.4 | 2895.4 | 2892.9 | 2898.7 | 2893.7 | 2893.7 | 2891.3 | 2893.7  | 2891.3  |
| 5°    | 2906.9 | 2911.0 | 2912.6 | 2911.8 | 2919.2 | 2915.1 | 2915.1 | 2911.8 | 2912.6  | 2910.2  |
| 7.5°  | 2934.8 | 2940.6 | 2943.9 | 2948.0 | 2958.6 | 2953.7 | 2950.4 | 2940.6 | 2936.5  | 2929.9  |
| 10°   | 2943.9 | 2950.4 | 2961.1 | 2982.5 | 3007.1 | 3008.0 | 2998.1 | 2973.4 | 2954.5  | 2939.7  |
| 12.5° | 2915.9 | 2925.0 | 2947.1 | 2990.7 | 3045.8 | 3068.0 | 3052.3 | 3011.2 | 2974.3  | 2948.0  |
| 15°   | 2880.6 | 2890.4 | 2924.1 | 2989.9 | 3071.2 | 3123.0 | 3121.4 | 3067.1 | 3008.0  | 2966.9  |
| 17.5° | 2825.5 | 2835.4 | 2883.9 | 2975.9 | 3091.0 | 3176.4 | 3199.4 | 3143.6 | 3060.6  | 3005.5  |
| 20°   | 2726.1 | 2735.1 | 2802.5 | 2931.5 | 3097.5 | 3233.1 | 3293.1 | 3243.8 | 3140.3  | 3065.5  |
| 22.5° | 2597.0 | 2611.0 | 2689.9 | 2855.1 | 3081.9 | 3292.3 | 3400.0 | 3366.3 | 3233.1  | 3129.6  |
| 25°   | 2459.0 | 2473.8 | 2565.8 | 2761.4 | 3041.7 | 3335.1 | 3526.5 | 3505.2 | 3338.3  | 3209.3  |
| 27.5° | 2339.8 | 2355.4 | 2455.7 | 2668.5 | 2979.2 | 3351.5 | 3651.5 | 3662.1 | 3465.7  | 3297.2  |
| 30°   | 2246.1 | 2260.9 | 2367.7 | 2593.7 | 2898.7 | 3335.1 | 3760.8 | 3834.7 | 3595.6  | 3373.7  |
| 32.5° | 2143.4 | 2162.3 | 2274.9 | 2502.5 | 2803.3 | 3295.6 | 3856.1 | 4021.3 | 3746.0  | 3455.9  |
| 35°   | 2013.5 | 2030.8 | 2149.1 | 2377.6 | 2678.4 | 3232.3 | 3935.8 | 4228.4 | 3961.3  | 3580.8  |
| 37.5° | 1855.7 | 1872.2 | 1989.7 | 2221.5 | 2554.3 | 3143.6 | 3996.6 | 4461.8 | 4217.7  | 3760.8  |
| 40°   | 1697.1 | 1712.7 | 1822.9 | 2047.2 | 2405.5 | 3030.1 | 4018.0 | 4690.3 | 4511.9  | 4008.1  |
| 42.5° | 1551.6 | 1565.6 | 1666.7 | 1875.5 | 2238.7 | 2885.5 | 3990.1 | 4889.2 | 4775.7  | 4180.7  |
| 45°   | 1417.7 | 1430.0 | 1519.6 | 1714.4 | 2065.3 | 2709.6 | 3906.2 | 5102.8 | 5089.7  | 4304.0  |
| 47.5° | 1264.8 | 1277.1 | 1370.0 | 1558.2 | 1891.9 | 2503.3 | 3764.1 | 5313.2 | 5526.1  | 4583.4  |
| 50°   | 1078.3 | 1088.9 | 1184.3 | 1378.2 | 1711.9 | 2283.9 | 3566.8 | 5478.4 | 6076.7  | 5006.7  |
| 52.5° | 857.2  | 868.7  | 961.6  | 1155.5 | 1498.2 | 2048.0 | 3307.1 | 5586.1 | 6712.8  | 5624.7  |
| 55°   | 637.8  | 646.0  | 726.5  | 900.7  | 1233.6 | 1779.3 | 2981.7 | 5616.5 | 7434.4  | 6469.6  |
| 57.5° | 462.7  | 467.6  | 519.4  | 649.3  | 935.3  | 1443.2 | 2586.4 | 5537.6 | 8293.3  | 7552.8  |
| 60°   | 374.8  | 376.4  | 392.0  | 449.5  | 650.1  | 1063.5 | 2108.9 | 5266.4 | 9225.2  | 8949.1  |
| 62.5° | 340.2  | 340.2  | 344.4  | 360.0  | 439.7  | 701.9  | 1531.1 | 4704.2 | 10224.6 | 10713.6 |
| 65°   | 316.4  | 316.4  | 318.1  | 325.5  | 346.8  | 447.1  | 966.5  | 3788.7 | 11067.0 | 12780.5 |
| 67.5° | 295.0  | 295.9  | 295.0  | 297.5  | 309.8  | 330.4  | 560.5  | 2616.8 | 11520.6 | 14922.3 |
| 70°   | 272.9  | 274.5  | 270.4  | 270.4  | 280.2  | 281.1  | 350.9  | 1434.9 | 11144.2 | 16717.2 |
| 72.5° | 246.6  | 249.0  | 242.4  | 240.8  | 248.2  | 244.9  | 263.8  | 688.7  | 9567.9  | 17253.0 |
| 75°   | 223.5  | 226.8  | 212.0  | 207.9  | 207.9  | 205.5  | 214.5  | 353.4  | 6209.9  | 14074.1 |
| 77.5° | 203.0  | 209.6  | 185.7  | 172.6  | 169.3  | 161.9  | 175.1  | 216.1  | 2716.2  | 6607.6  |
| 80°   | 167.7  | 176.7  | 152.9  | 137.2  | 131.5  | 123.3  | 138.1  | 151.2  | 807.9   | 1534.4  |
| 82.5° | 124.9  | 129.0  | 108.5  | 97.8   | 92.9   | 87.1   | 103.6  | 105.2  | 263.0   | 543.2   |
| 85°   | 79.7   | 81.4   | 66.6   | 57.5   | 55.1   | 52.6   | 65.7   | 57.5   | 100.3   | 399.4   |
| 87.5° | 27.9   | 32.1   | 25.5   | 23.0   | 24.7   | 20.5   | 30.4   | 17.3   | 27.9    | 281.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END C

90°

2889.6  
2891.3  
2910.2  
2929.9  
2937.3  
2943.9  
2960.3  
2996.5  
3051.5  
3110.7  
3183.0  
3269.3  
3333.4  
3404.9  
3524.1  
3685.2  
3927.6  
4077.2  
4164.3  
4422.4  
4804.5  
5375.7  
6158.1  
7160.7  
8455.2  
10052.0  
11943.9  
14019.1  
16479.7  
17877.6  
15053.8  
6470.4  
1469.5  
613.9  
580.2  
349.3  
0.0