

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: P939873

Luminaire Tested: **GLAN-SB2C-935-U-T1**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P939873  
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-SB2C-935-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

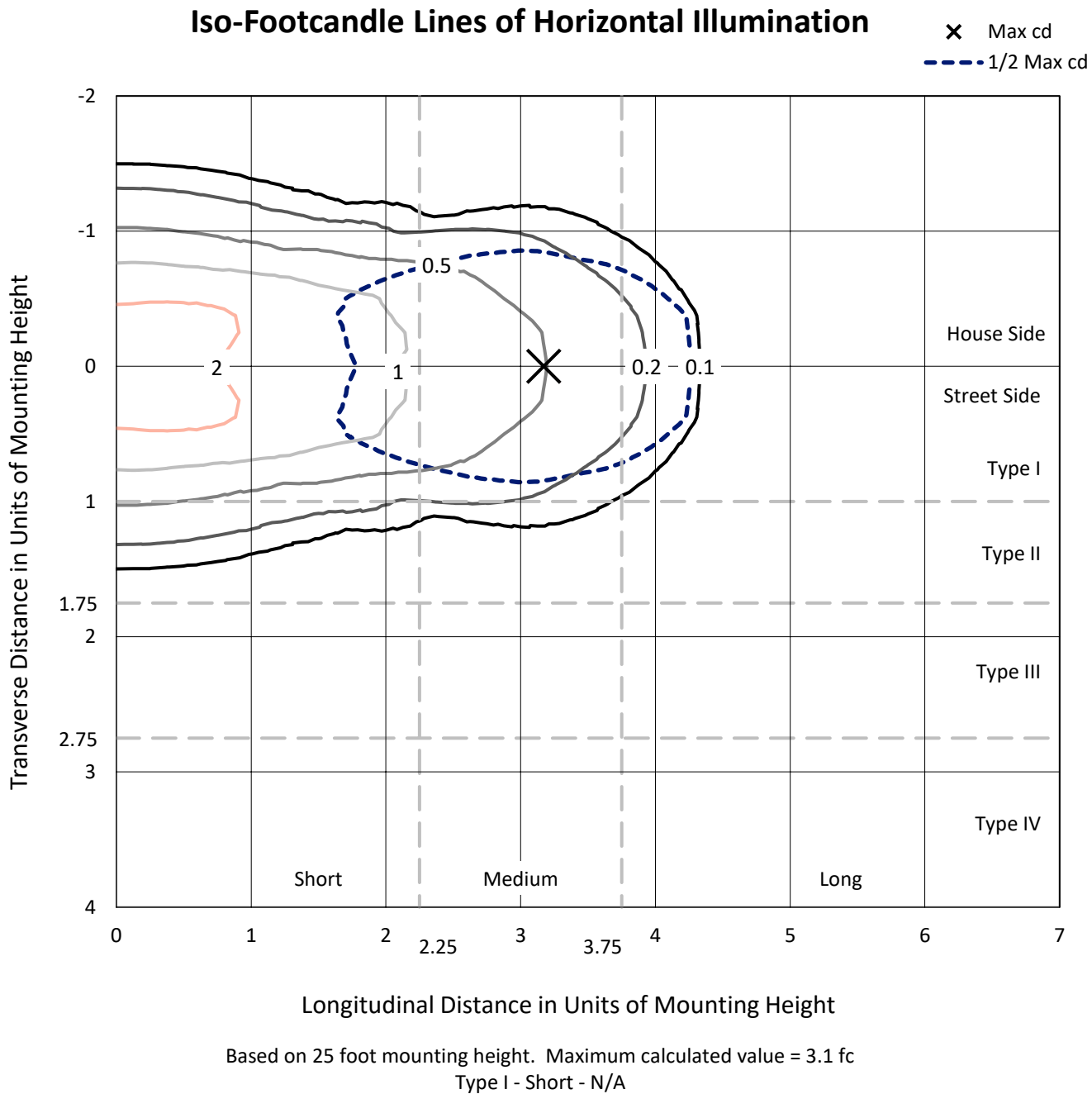
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 10307 lumens  
Efficiency: N/A  
Efficacy: 102.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

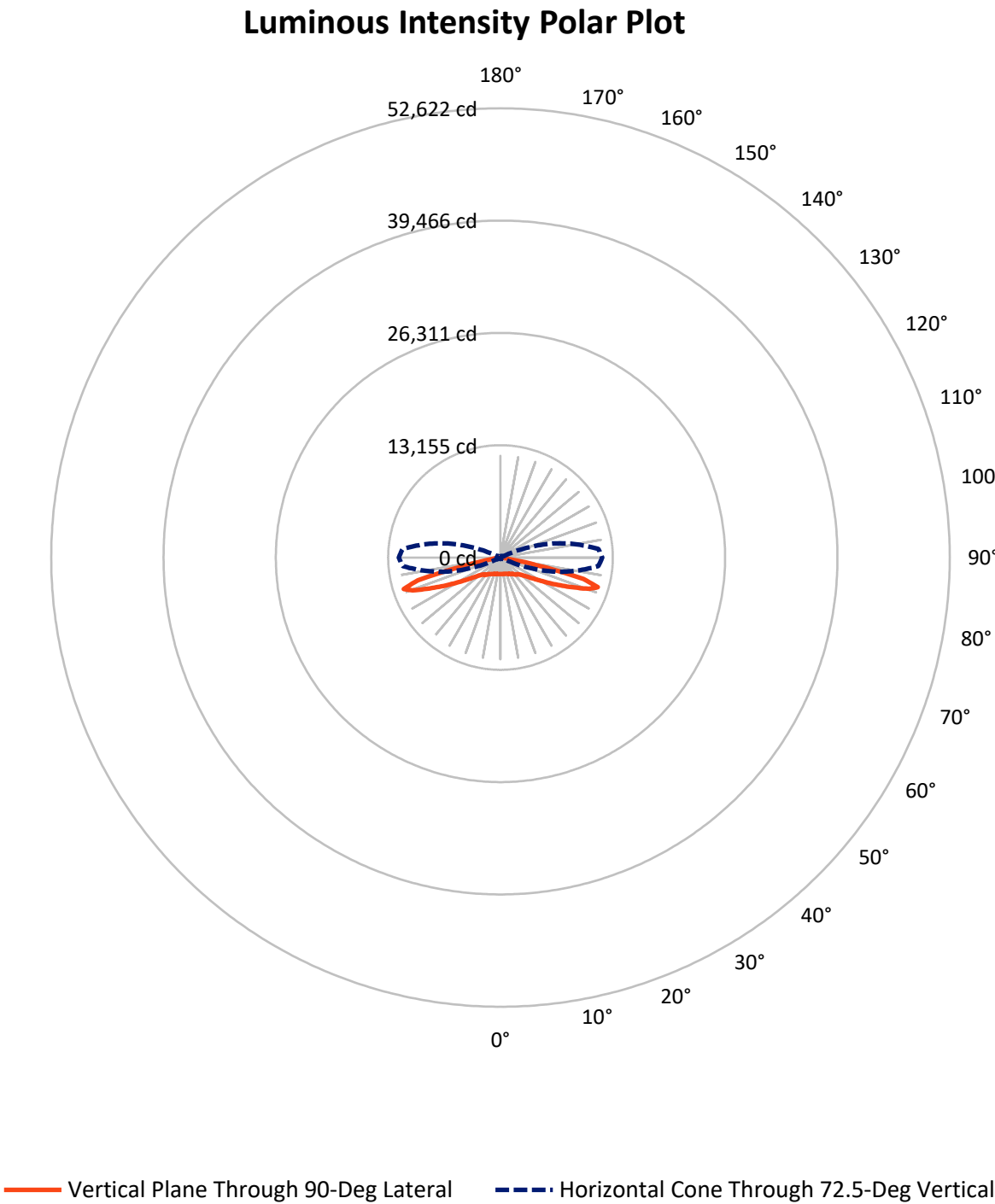
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5153.5   | 0.0    | 5153.5  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Street Side</b> | Lumens    | 5153.5   | 0.0    | 5153.5  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Total</b>       | Lumens    | 10307.0  | 0.0    | 10307.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 186.7   | 1.8       |
| 10°-20°   | 571.0   | 5.5       |
| 20°-30°   | 952.1   | 9.2       |
| 30°-40°   | 1309.4  | 12.7      |
| 40°-50°   | 1599.1  | 15.5      |
| 50°-60°   | 1849.6  | 17.9      |
| 60°-70°   | 2205.3  | 21.4      |
| 70°-80°   | 1539.2  | 14.9      |
| 80°-90°   | 94.5    | 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°    | 10307.0 | 100.0     |
| 0°-180°   | 10307.0 | 100.0     |

**Coefficient of Utilization**



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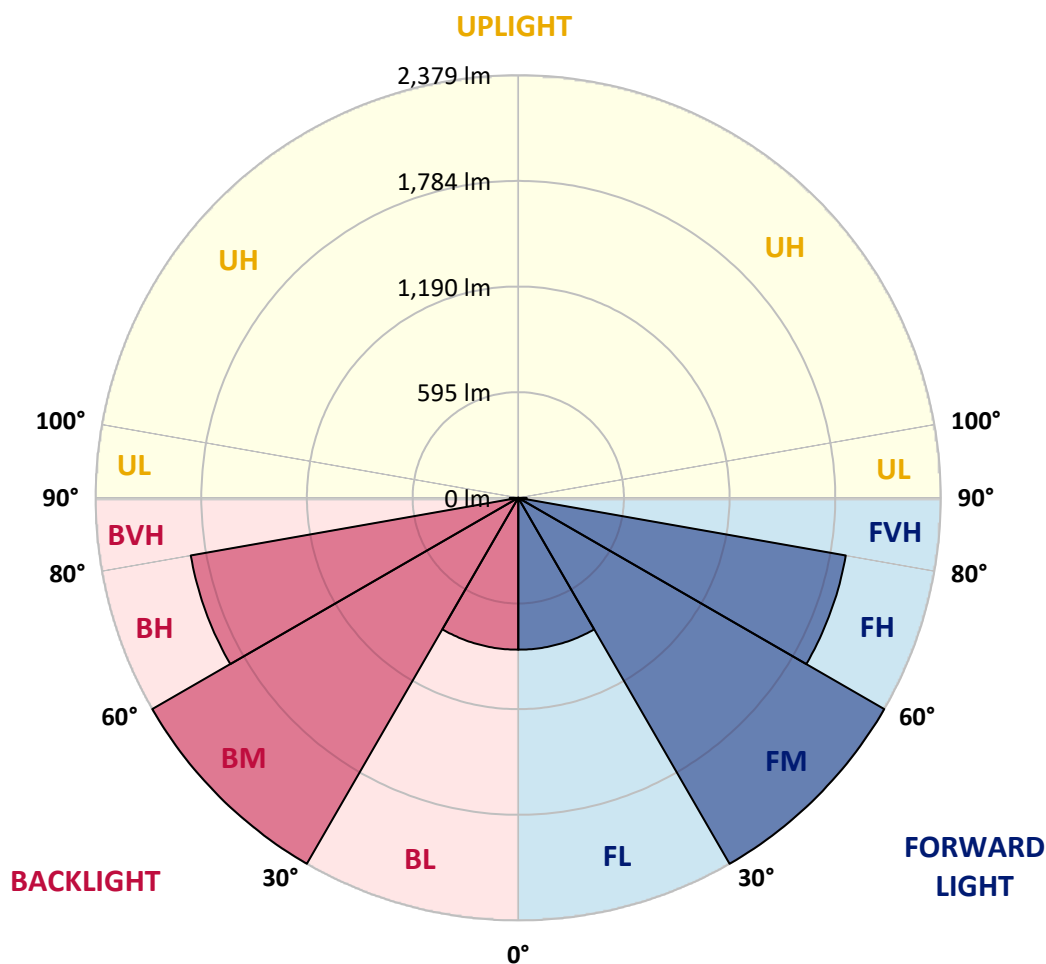
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 854.9  | 8.3       |                         |      |         |
| FM   | (30°-60°)   | 2379.1 | 23.1      |                         |      |         |
| FH   | (60°-80°)   | 1872.2 | 18.2      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 47.3   | 0.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 854.9  | 8.3       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 2379.1 | 23.1      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1872.2 | 18.2      | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 47.3   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type I Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0°    | 1926.0 | 1926.0 | 1926.0 | 1926.0 | 1926.0 | 1926.0 | 1926.0 | 1926.0 | 1926.0 | 1926.0  |
| 2.5°  | 1927.6 | 1929.8 | 1929.8 | 1928.2 | 1932.0 | 1928.7 | 1928.7 | 1927.1 | 1928.7 | 1927.1  |
| 5°    | 1937.5 | 1940.2 | 1941.3 | 1940.8 | 1945.7 | 1943.0 | 1943.0 | 1940.8 | 1941.3 | 1939.7  |
| 7.5°  | 1956.1 | 1959.9 | 1962.1 | 1964.9 | 1972.0 | 1968.7 | 1966.5 | 1959.9 | 1957.2 | 1952.8  |
| 10°   | 1962.1 | 1966.5 | 1973.6 | 1987.9 | 2004.3 | 2004.9 | 1998.3 | 1981.8 | 1969.2 | 1959.4  |
| 12.5° | 1943.5 | 1949.5 | 1964.3 | 1993.3 | 2030.0 | 2044.8 | 2034.4 | 2007.0 | 1982.4 | 1964.9  |
| 15°   | 1919.9 | 1926.5 | 1949.0 | 1992.8 | 2047.0 | 2081.5 | 2080.4 | 2044.3 | 2004.9 | 1977.5  |
| 17.5° | 1883.2 | 1889.8 | 1922.1 | 1983.5 | 2060.2 | 2117.1 | 2132.5 | 2095.2 | 2039.9 | 2003.2  |
| 20°   | 1817.0 | 1823.0 | 1867.9 | 1953.9 | 2064.6 | 2154.9 | 2194.9 | 2162.1 | 2093.0 | 2043.2  |
| 22.5° | 1731.0 | 1740.3 | 1792.9 | 1903.0 | 2054.2 | 2194.4 | 2266.1 | 2243.7 | 2154.9 | 2085.9  |
| 25°   | 1638.9 | 1648.8 | 1710.1 | 1840.5 | 2027.3 | 2222.9 | 2350.5 | 2336.3 | 2225.1 | 2139.1  |
| 27.5° | 1559.5 | 1569.9 | 1636.7 | 1778.6 | 1985.7 | 2233.8 | 2433.8 | 2440.9 | 2310.0 | 2197.7  |
| 30°   | 1497.1 | 1506.9 | 1578.1 | 1728.8 | 1932.0 | 2222.9 | 2506.6 | 2555.9 | 2396.5 | 2248.6  |
| 32.5° | 1428.6 | 1441.2 | 1516.2 | 1668.0 | 1868.5 | 2196.6 | 2570.2 | 2680.3 | 2496.8 | 2303.4  |
| 35°   | 1342.0 | 1353.5 | 1432.4 | 1584.7 | 1785.2 | 2154.4 | 2623.3 | 2818.3 | 2640.3 | 2386.6  |
| 37.5° | 1236.9 | 1247.8 | 1326.2 | 1480.6 | 1702.5 | 2095.2 | 2663.8 | 2973.9 | 2811.2 | 2506.6  |
| 40°   | 1131.2 | 1141.6 | 1215.0 | 1364.5 | 1603.3 | 2019.6 | 2678.1 | 3126.1 | 3007.3 | 2671.5  |
| 42.5° | 1034.2 | 1043.5 | 1110.9 | 1250.0 | 1492.1 | 1923.2 | 2659.4 | 3258.7 | 3183.1 | 2786.5  |
| 45°   | 944.9  | 953.1  | 1012.8 | 1142.7 | 1376.6 | 1806.0 | 2603.6 | 3401.1 | 3392.4 | 2868.7  |
| 47.5° | 843.0  | 851.2  | 913.1  | 1038.6 | 1261.0 | 1668.5 | 2508.8 | 3541.4 | 3683.2 | 3054.9  |
| 50°   | 718.7  | 725.8  | 789.3  | 918.6  | 1141.0 | 1522.3 | 2377.3 | 3651.5 | 4050.2 | 3337.0  |
| 52.5° | 571.3  | 579.0  | 640.9  | 770.2  | 998.6  | 1365.1 | 2204.2 | 3723.2 | 4474.2 | 3749.0  |
| 55°   | 425.1  | 430.5  | 484.2  | 600.4  | 822.2  | 1185.9 | 1987.3 | 3743.5 | 4955.2 | 4312.1  |
| 57.5° | 308.4  | 311.7  | 346.2  | 432.7  | 623.4  | 961.9  | 1723.8 | 3690.9 | 5527.6 | 5034.0  |
| 60°   | 249.8  | 250.9  | 261.3  | 299.6  | 433.3  | 708.8  | 1405.6 | 3510.1 | 6148.8 | 5964.7  |
| 62.5° | 226.8  | 226.8  | 229.5  | 239.9  | 293.1  | 467.8  | 1020.5 | 3135.5 | 6814.9 | 7140.8  |
| 65°   | 210.9  | 210.9  | 212.0  | 216.9  | 231.2  | 298.0  | 644.2  | 2525.2 | 7376.3 | 8518.4  |
| 67.5° | 196.7  | 197.2  | 196.7  | 198.3  | 206.5  | 220.2  | 373.6  | 1744.1 | 7678.7 | 9945.9  |
| 70°   | 181.9  | 183.0  | 180.2  | 180.2  | 186.8  | 187.3  | 233.9  | 956.4  | 7427.8 | 11142.3 |
| 72.5° | 164.3  | 166.0  | 161.6  | 160.5  | 165.4  | 163.2  | 175.8  | 459.0  | 6377.2 | 11499.4 |
| 75°   | 149.0  | 151.2  | 141.3  | 138.6  | 138.6  | 136.9  | 143.0  | 235.5  | 4139.0 | 9380.6  |
| 77.5° | 135.3  | 139.7  | 123.8  | 115.0  | 112.8  | 107.9  | 116.7  | 144.1  | 1810.4 | 4404.1  |
| 80°   | 111.7  | 117.8  | 101.9  | 91.5   | 87.6   | 82.2   | 92.0   | 100.8  | 538.5  | 1022.7  |
| 82.5° | 83.3   | 86.0   | 72.3   | 65.2   | 61.9   | 58.1   | 69.0   | 70.1   | 175.3  | 362.1   |
| 85°   | 53.1   | 54.2   | 44.4   | 38.3   | 36.7   | 35.1   | 43.8   | 38.3   | 66.8   | 266.2   |
| 87.5° | 18.6   | 21.4   | 17.0   | 15.3   | 16.4   | 13.7   | 20.3   | 11.5   | 18.6   | 187.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     |

(END C

90°

1926.0  
1927.1  
1939.7  
1952.8  
1957.7  
1962.1  
1973.1  
1997.2  
2033.9  
2073.3  
2121.5  
2179.0  
2221.8  
2269.4  
2348.9  
2456.2  
2617.8  
2717.5  
2775.6  
2947.6  
3202.3  
3583.0  
4104.5  
4772.8  
5635.5  
6699.8  
7960.8  
9343.9  
10984.0  
11915.7  
10033.6  
4312.6  
979.4  
409.2  
386.7  
232.8  
0.0

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