

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: P939363

Luminaire Tested: **GLAN-SB1D-935-U-T1**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P939363  
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-SB1D-935-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

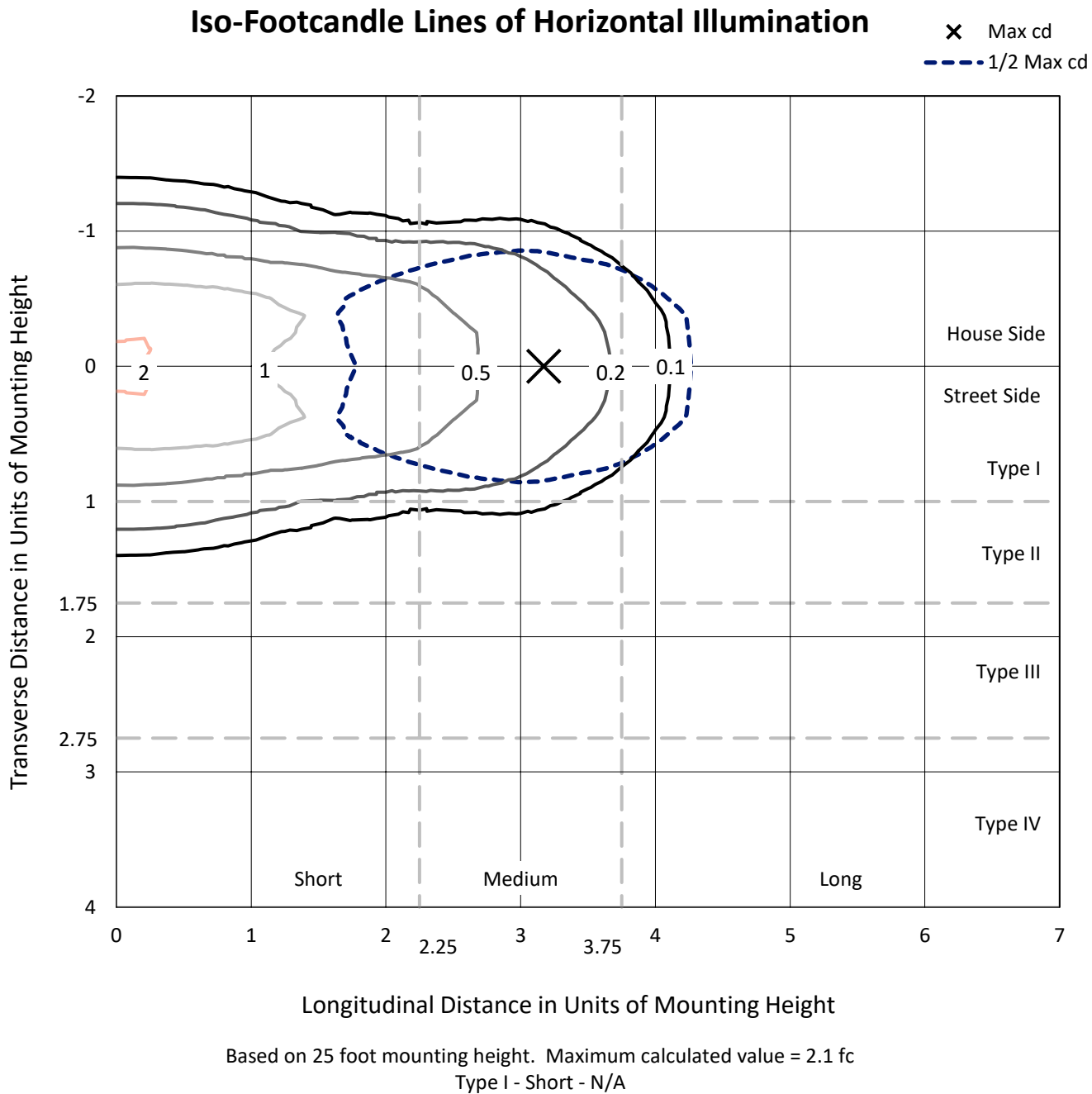
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7005 lumens  
Efficiency: N/A  
Efficacy: 88.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

Input Watts (W): 79.6  
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



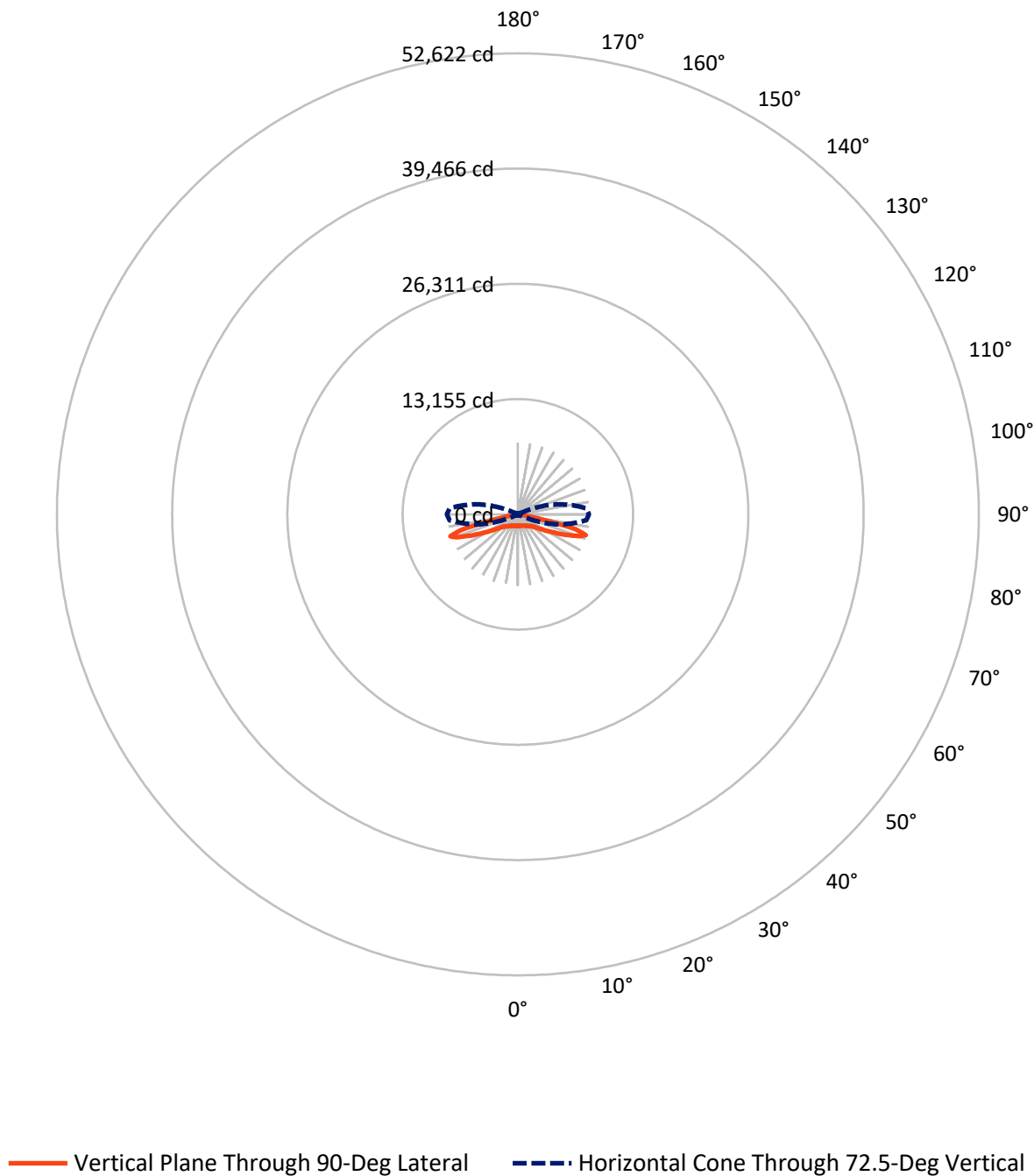
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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 3502.5   | 0.0    | 3502.5 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 3502.5   | 0.0    | 3502.5 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 7005.0   | 0.0    | 7005.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 126.9  | 1.8       |
| 10°-20°   | 388.1  | 5.5       |
| 20°-30°   | 647.1  | 9.2       |
| 30°-40°   | 889.9  | 12.7      |
| 40°-50°   | 1086.8 | 15.5      |
| 50°-60°   | 1257.0 | 17.9      |
| 60°-70°   | 1498.8 | 21.4      |
| 70°-80°   | 1046.1 | 14.9      |
| 80°-90°   | 64.3   | 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°    | 7005.0 | 100.0     |
| 0°-180°   | 7005.0 | 100.0     |

**Coefficient of Utilization**



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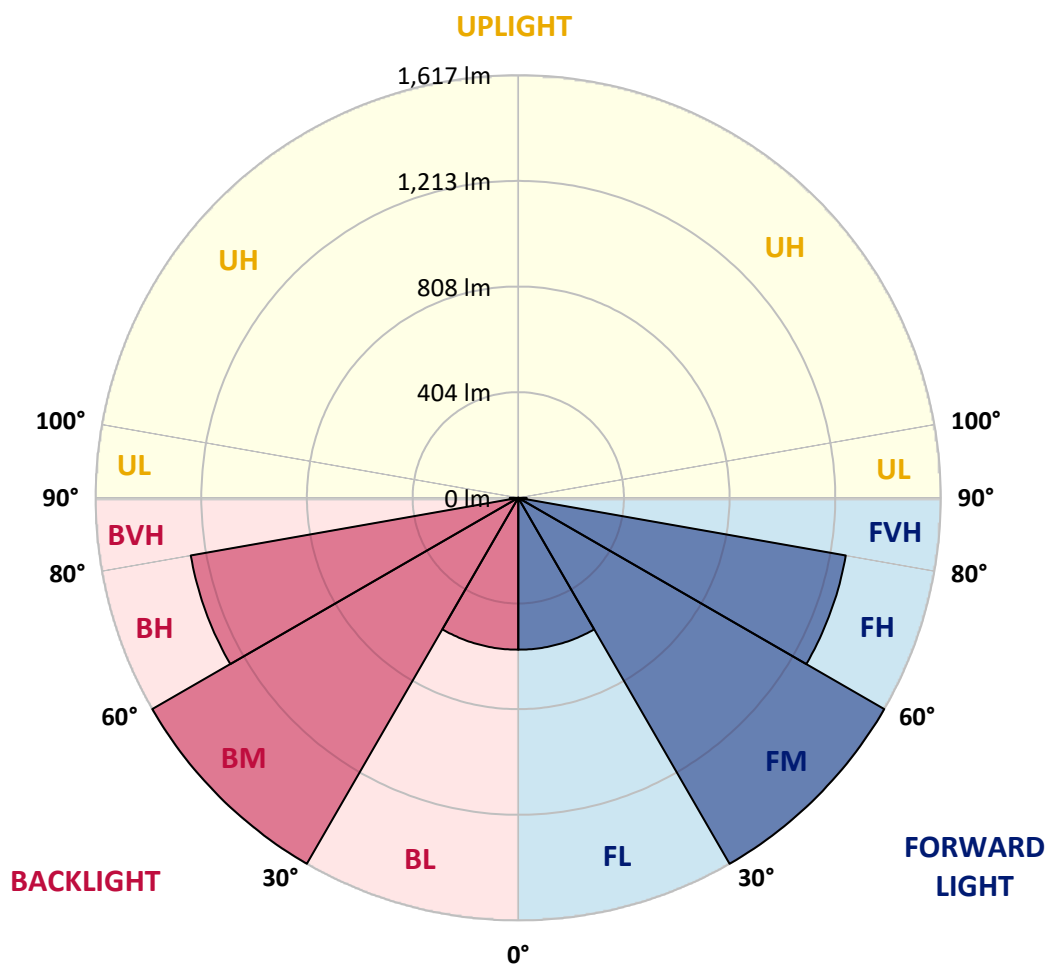
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 581.0  | 8.3       |                         |      |         |
| FM   | (30°-60°)   | 1616.9 | 23.1      |                         |      |         |
| FH   | (60°-80°)   | 1272.4 | 18.2      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 32.1   | 0.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 581.0  | 8.3       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1616.9 | 23.1      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1272.4 | 18.2      | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 32.1   | 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°    | 1309.0 | 1309.0 | 1309.0 | 1309.0 | 1309.0 | 1309.0 | 1309.0 | 1309.0 | 1309.0 | 1309.0 |
| 2.5°  | 1310.1 | 1311.6 | 1311.6 | 1310.4 | 1313.1 | 1310.8 | 1310.8 | 1309.7 | 1310.8 | 1309.7 |
| 5°    | 1316.8 | 1318.6 | 1319.4 | 1319.0 | 1322.4 | 1320.5 | 1320.5 | 1319.0 | 1319.4 | 1318.3 |
| 7.5°  | 1329.4 | 1332.0 | 1333.5 | 1335.4 | 1340.2 | 1338.0 | 1336.5 | 1332.0 | 1330.2 | 1327.2 |
| 10°   | 1333.5 | 1336.5 | 1341.3 | 1351.0 | 1362.2 | 1362.6 | 1358.1 | 1346.9 | 1338.4 | 1331.7 |
| 12.5° | 1320.9 | 1325.0 | 1335.0 | 1354.7 | 1379.7 | 1389.7 | 1382.7 | 1364.1 | 1347.3 | 1335.4 |
| 15°   | 1304.9 | 1309.3 | 1324.6 | 1354.4 | 1391.2 | 1414.7 | 1413.9 | 1389.4 | 1362.6 | 1344.0 |
| 17.5° | 1279.9 | 1284.4 | 1306.4 | 1348.0 | 1400.2 | 1438.9 | 1449.3 | 1424.0 | 1386.4 | 1361.5 |
| 20°   | 1234.9 | 1239.0 | 1269.5 | 1327.9 | 1403.1 | 1464.6 | 1491.8 | 1469.4 | 1422.5 | 1388.6 |
| 22.5° | 1176.4 | 1182.8 | 1218.5 | 1293.3 | 1396.1 | 1491.4 | 1540.1 | 1524.9 | 1464.6 | 1417.7 |
| 25°   | 1113.9 | 1120.6 | 1162.3 | 1250.9 | 1377.8 | 1510.7 | 1597.5 | 1587.8 | 1512.2 | 1453.8 |
| 27.5° | 1059.9 | 1067.0 | 1112.4 | 1208.8 | 1349.5 | 1518.2 | 1654.1 | 1658.9 | 1569.9 | 1493.6 |
| 30°   | 1017.5 | 1024.2 | 1072.6 | 1174.9 | 1313.1 | 1510.7 | 1703.6 | 1737.1 | 1628.8 | 1528.2 |
| 32.5° | 970.9  | 979.5  | 1030.5 | 1133.6 | 1269.9 | 1492.9 | 1746.8 | 1821.6 | 1696.9 | 1565.5 |
| 35°   | 912.1  | 919.9  | 973.5  | 1077.0 | 1213.3 | 1464.2 | 1782.9 | 1915.4 | 1794.4 | 1622.1 |
| 37.5° | 840.6  | 848.1  | 901.3  | 1006.3 | 1157.1 | 1424.0 | 1810.4 | 2021.1 | 1910.6 | 1703.6 |
| 40°   | 768.8  | 775.8  | 825.7  | 927.4  | 1089.7 | 1372.6 | 1820.1 | 2124.6 | 2043.9 | 1815.6 |
| 42.5° | 702.9  | 709.2  | 755.0  | 849.6  | 1014.1 | 1307.1 | 1807.4 | 2214.7 | 2163.4 | 1893.8 |
| 45°   | 642.2  | 647.8  | 688.4  | 776.6  | 935.6  | 1227.4 | 1769.5 | 2311.5 | 2305.6 | 1949.7 |
| 47.5° | 572.9  | 578.5  | 620.6  | 705.9  | 857.0  | 1134.0 | 1705.1 | 2406.8 | 2503.3 | 2076.2 |
| 50°   | 488.4  | 493.3  | 536.5  | 624.3  | 775.5  | 1034.6 | 1615.7 | 2481.7 | 2752.7 | 2268.0 |
| 52.5° | 388.3  | 393.5  | 435.6  | 523.4  | 678.7  | 927.7  | 1498.1 | 2530.4 | 3040.8 | 2547.9 |
| 55°   | 288.9  | 292.6  | 329.1  | 408.0  | 558.8  | 806.0  | 1350.7 | 2544.2 | 3367.7 | 2930.6 |
| 57.5° | 209.6  | 211.8  | 235.3  | 294.1  | 423.7  | 653.7  | 1171.6 | 2508.5 | 3756.7 | 3421.3 |
| 60°   | 169.8  | 170.5  | 177.6  | 203.6  | 294.5  | 481.7  | 955.3  | 2385.6 | 4178.9 | 4053.8 |
| 62.5° | 154.1  | 154.1  | 156.0  | 163.1  | 199.2  | 317.9  | 693.6  | 2131.0 | 4631.6 | 4853.1 |
| 65°   | 143.3  | 143.3  | 144.1  | 147.4  | 157.1  | 202.5  | 437.8  | 1716.2 | 5013.2 | 5789.4 |
| 67.5° | 133.7  | 134.0  | 133.7  | 134.8  | 140.4  | 149.7  | 253.9  | 1185.4 | 5218.7 | 6759.6 |
| 70°   | 123.6  | 124.3  | 122.5  | 122.5  | 126.9  | 127.3  | 159.0  | 650.0  | 5048.2 | 7572.7 |
| 72.5° | 111.7  | 112.8  | 109.8  | 109.1  | 112.4  | 110.9  | 119.5  | 312.0  | 4334.2 | 7815.4 |
| 75°   | 101.3  | 102.8  | 96.0   | 94.2   | 94.2   | 93.1   | 97.2   | 160.1  | 2813.0 | 6375.4 |
| 77.5° | 92.0   | 94.9   | 84.1   | 78.2   | 76.7   | 73.3   | 79.3   | 97.9   | 1230.4 | 2993.2 |
| 80°   | 75.9   | 80.0   | 69.2   | 62.2   | 59.6   | 55.8   | 62.5   | 68.5   | 366.0  | 695.1  |
| 82.5° | 56.6   | 58.4   | 49.1   | 44.3   | 42.1   | 39.5   | 46.9   | 47.7   | 119.1  | 246.1  |
| 85°   | 36.1   | 36.9   | 30.2   | 26.1   | 24.9   | 23.8   | 29.8   | 26.1   | 45.4   | 180.9  |
| 87.5° | 12.7   | 14.5   | 11.5   | 10.4   | 11.2   | 9.3    | 13.8   | 7.8    | 12.7   | 127.7  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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90°

1309.0  
1309.7  
1318.3  
1327.2  
1330.6  
1333.5  
1341.0  
1357.4  
1382.3  
1409.1  
1441.9  
1481.0  
1510.0  
1542.4  
1596.4  
1669.3  
1779.2  
1846.9  
1886.4  
2003.3  
2176.4  
2435.1  
2789.5  
3243.7  
3830.1  
4553.4  
5410.4  
6350.5  
7465.1  
8098.3  
6819.2  
2931.0  
665.6  
278.1  
262.8  
158.2  
0.0