

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: P945839

Luminaire Tested: **GLAN-SB1C-935-U-5NQ**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945839  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1C-935-U-5NQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS  
Light Source: -  
Ballast/Driver: -

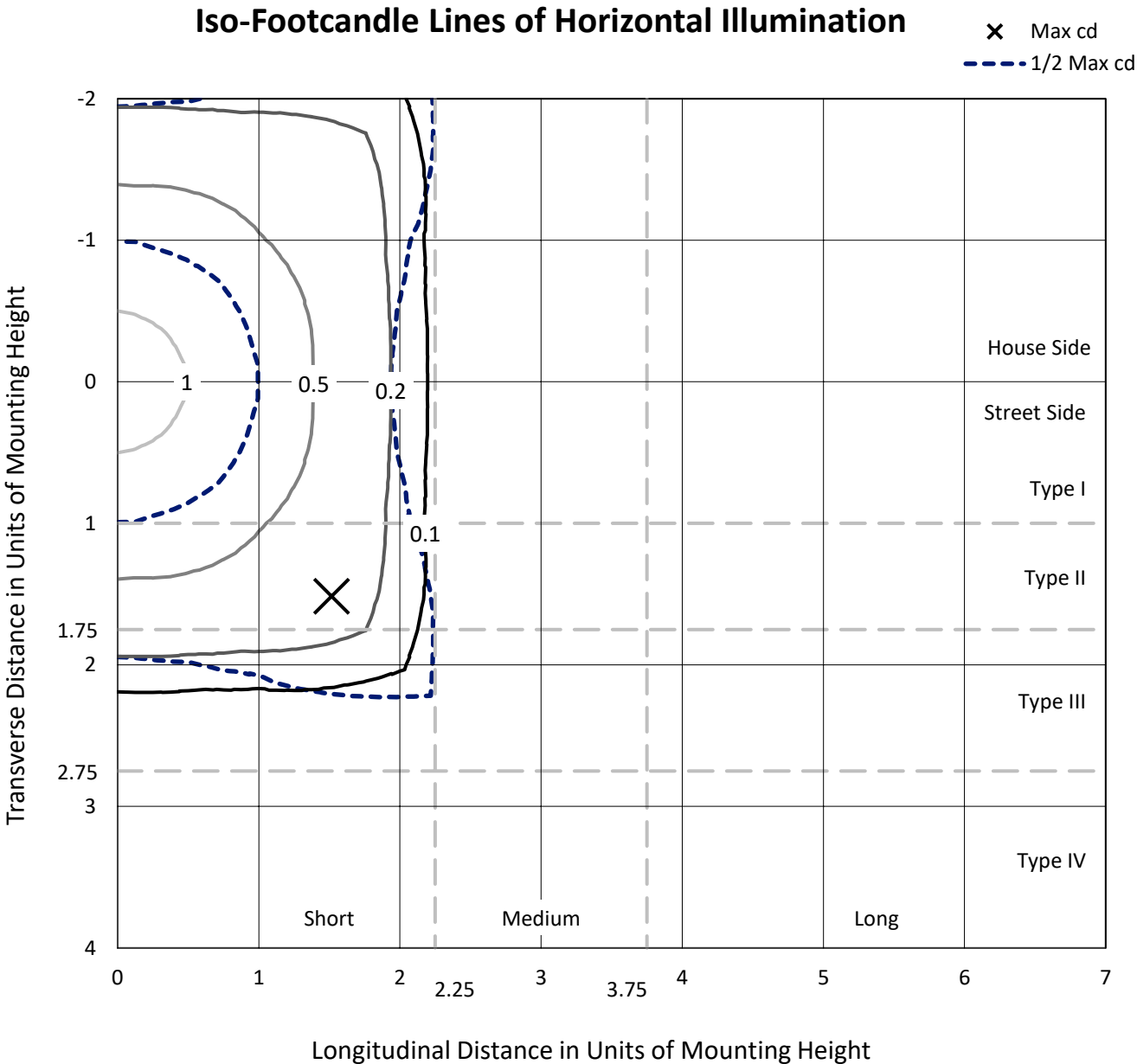
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5461 lumens  
Efficiency: N/A  
Efficacy: 100.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G1

Input Watts (W): 54.4  
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

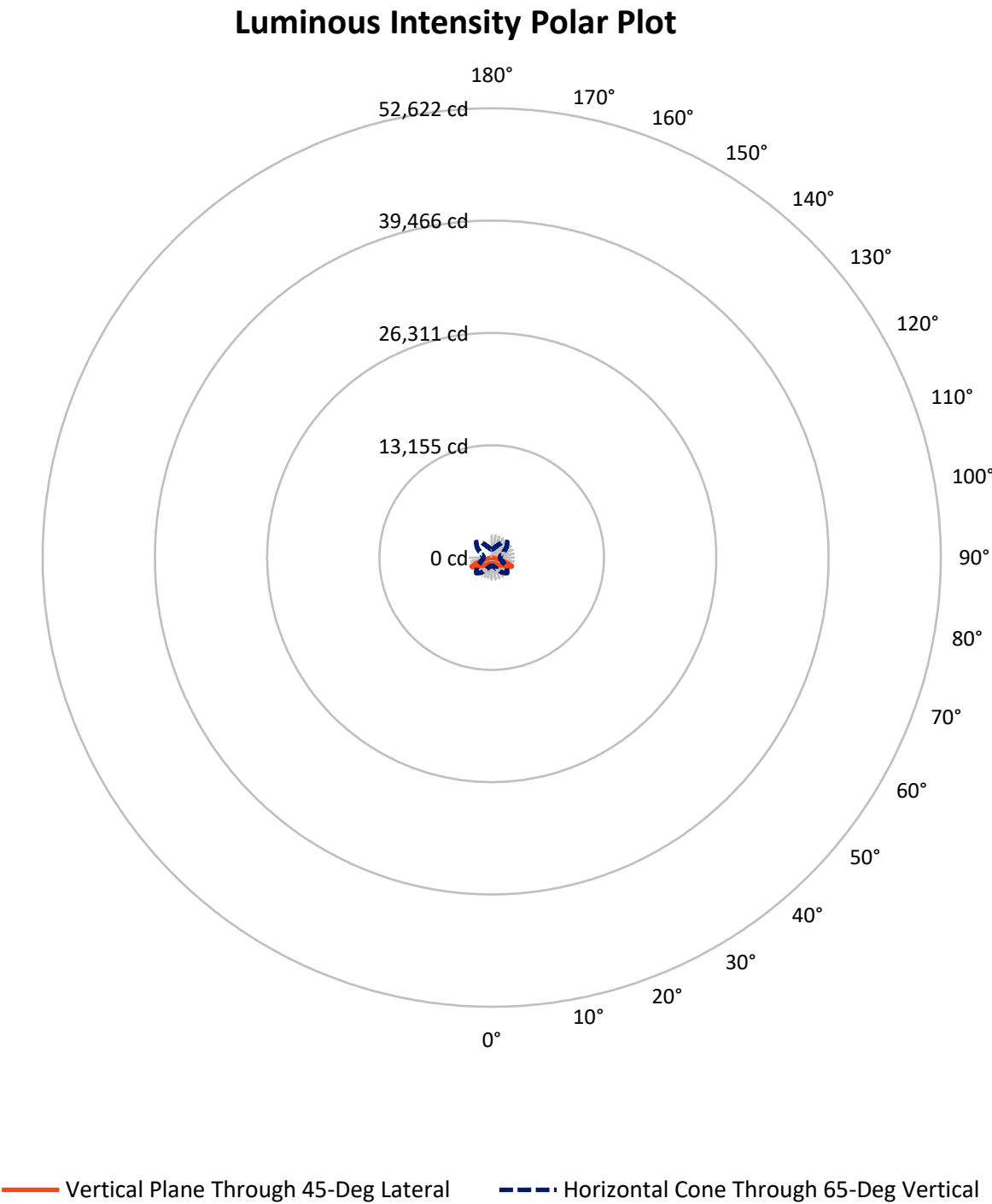


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CATALOG NUMBER: GLAN-SB1C-935-U-5NQ



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc  
Type V - Short - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2730.5   | 0.0    | 2730.5 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 2730.5   | 0.0    | 2730.5 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 5461.0   | 0.0    | 5461.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 64.1   | 1.2       |
| 10°-20°   | 209.3  | 3.8       |
| 20°-30°   | 395.2  | 7.2       |
| 30°-40°   | 647.1  | 11.8      |
| 40°-50°   | 1003.3 | 18.4      |
| 50°-60°   | 1482.1 | 27.1      |
| 60°-70°   | 1410.8 | 25.8      |
| 70°-80°   | 227.7  | 4.2       |
| 80°-90°   | 21.5   | 0.4       |
| 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°    | 5461.0 | 100.0     |
| 0°-180°   | 5461.0 | 100.0     |

**Coefficient of Utilization**



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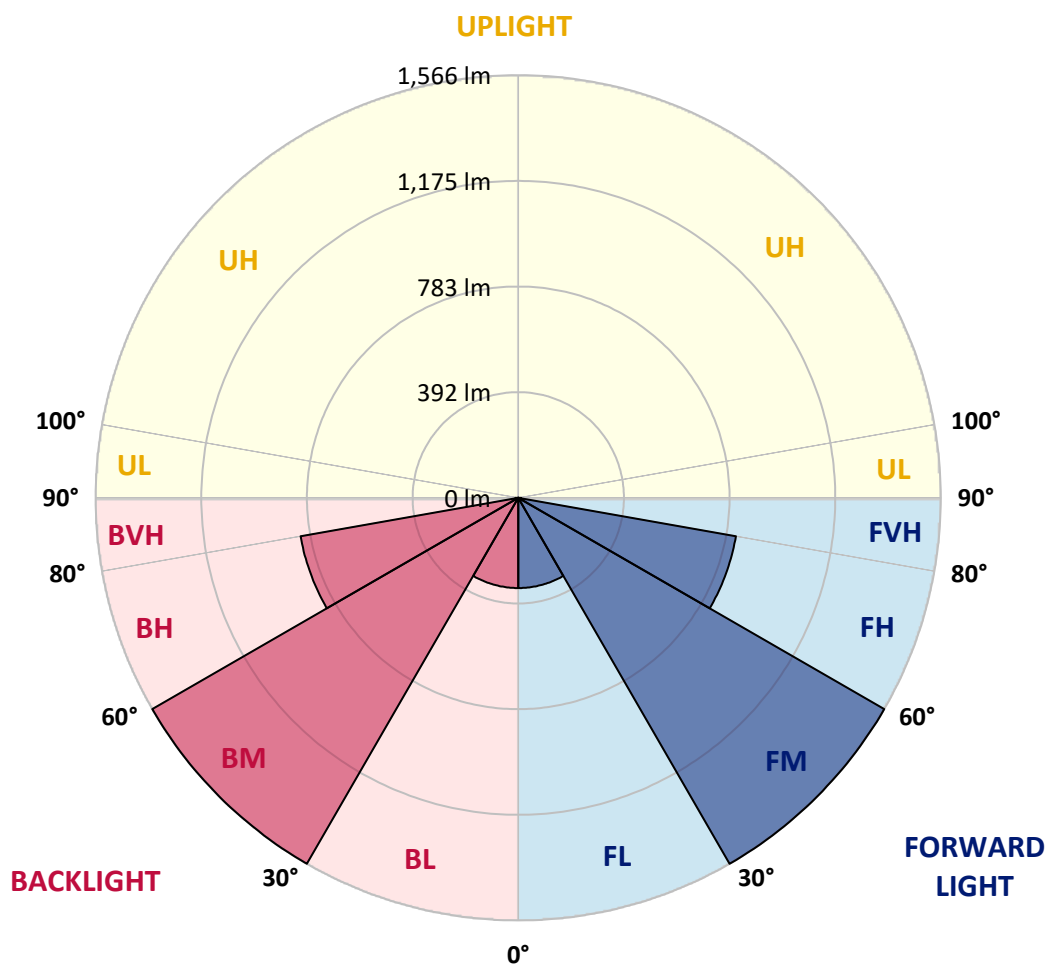
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 334.3  | 6.1       |                         |      |         |
| FM   | (30°-60°)   | 1566.2 | 28.7      |                         |      |         |
| FH   | (60°-80°)   | 819.2  | 15.0      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 10.7   | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 334.3  | 6.1       | B1/500                  |      |         |
| BM   | (30°-60°)   | 1566.2 | 28.7      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 819.2  | 15.0      | B2/1000                 |      | G1/1800 |
| BVH  | (80°-90°)   | 10.7   | 0.2       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G1**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 649.9  | 649.9  | 649.9  | 649.9  | 649.9  | 649.9  | 649.9  | 649.9  | 649.9  | 649.9  |
| 2.5°  | 654.3  | 652.1  | 653.7  | 652.4  | 651.3  | 650.2  | 650.7  | 652.7  | 653.5  | 653.7  |
| 5°    | 663.1  | 661.1  | 662.0  | 662.0  | 660.1  | 659.5  | 659.8  | 661.1  | 662.8  | 662.8  |
| 7.5°  | 677.3  | 675.4  | 677.3  | 676.2  | 674.6  | 674.0  | 673.8  | 674.8  | 677.3  | 677.3  |
| 10°   | 694.6  | 692.4  | 693.5  | 692.9  | 691.0  | 690.2  | 689.9  | 691.6  | 693.8  | 693.5  |
| 12.5° | 713.5  | 711.0  | 712.4  | 710.7  | 710.2  | 709.4  | 709.4  | 709.1  | 710.5  | 709.4  |
| 15°   | 734.6  | 732.9  | 733.5  | 732.4  | 733.2  | 732.7  | 730.5  | 729.4  | 729.9  | 728.3  |
| 17.5° | 759.5  | 755.7  | 757.6  | 757.0  | 757.0  | 758.1  | 754.6  | 753.2  | 754.3  | 752.7  |
| 20°   | 788.3  | 784.4  | 785.3  | 784.2  | 782.8  | 783.9  | 779.5  | 780.6  | 781.4  | 780.3  |
| 22.5° | 819.8  | 814.9  | 814.6  | 815.1  | 812.1  | 812.4  | 809.4  | 812.1  | 813.8  | 810.7  |
| 25°   | 852.1  | 846.9  | 850.5  | 849.1  | 845.3  | 846.1  | 843.9  | 846.6  | 848.0  | 844.2  |
| 27.5° | 886.4  | 882.8  | 886.1  | 886.9  | 882.3  | 885.5  | 882.3  | 884.7  | 886.1  | 880.3  |
| 30°   | 926.4  | 922.8  | 925.8  | 928.0  | 922.5  | 927.7  | 925.0  | 926.6  | 926.9  | 920.1  |
| 32.5° | 969.9  | 964.5  | 972.1  | 973.2  | 967.2  | 973.5  | 969.9  | 972.1  | 973.5  | 964.2  |
| 35°   | 1023.1 | 1016.2 | 1025.0 | 1023.6 | 1018.4 | 1023.6 | 1020.4 | 1023.6 | 1026.9 | 1015.7 |
| 37.5° | 1080.4 | 1073.2 | 1082.6 | 1080.1 | 1075.2 | 1078.7 | 1076.8 | 1079.0 | 1084.2 | 1072.1 |
| 40°   | 1143.4 | 1134.6 | 1147.2 | 1142.8 | 1138.2 | 1137.6 | 1138.7 | 1140.1 | 1146.9 | 1133.5 |
| 42.5° | 1210.8 | 1201.5 | 1220.4 | 1213.5 | 1206.9 | 1202.6 | 1206.1 | 1208.9 | 1215.4 | 1200.4 |
| 45°   | 1287.8 | 1277.1 | 1301.7 | 1293.5 | 1283.1 | 1274.1 | 1279.8 | 1283.9 | 1293.5 | 1275.4 |
| 47.5° | 1372.7 | 1360.7 | 1387.0 | 1384.5 | 1367.5 | 1347.8 | 1360.9 | 1372.7 | 1379.8 | 1357.9 |
| 50°   | 1455.7 | 1446.4 | 1480.9 | 1484.0 | 1463.1 | 1435.5 | 1453.8 | 1471.6 | 1473.5 | 1444.8 |
| 52.5° | 1533.5 | 1524.2 | 1574.4 | 1593.3 | 1574.6 | 1541.8 | 1561.2 | 1579.3 | 1564.8 | 1527.5 |
| 55°   | 1595.7 | 1588.1 | 1651.9 | 1700.7 | 1707.0 | 1679.9 | 1691.4 | 1690.8 | 1643.1 | 1585.9 |
| 57.5° | 1610.8 | 1609.7 | 1690.3 | 1793.6 | 1859.3 | 1862.6 | 1839.9 | 1781.8 | 1679.0 | 1602.0 |
| 60°   | 1542.3 | 1549.2 | 1659.9 | 1842.1 | 2017.4 | 2090.3 | 1991.9 | 1826.2 | 1638.2 | 1531.4 |
| 62.5° | 1337.4 | 1355.4 | 1488.9 | 1782.9 | 2145.1 | 2352.2 | 2113.9 | 1758.8 | 1470.5 | 1331.1 |
| 65°   | 958.4  | 989.9  | 1137.3 | 1521.5 | 2133.6 | 2582.4 | 2096.3 | 1509.2 | 1148.3 | 987.5  |
| 67.5° | 434.8  | 466.9  | 592.1  | 1041.7 | 1854.7 | 2519.9 | 1850.3 | 1052.7 | 621.7  | 468.5  |
| 70°   | 157.5  | 163.0  | 203.3  | 417.0  | 1185.3 | 2007.8 | 1236.0 | 420.0  | 216.2  | 173.7  |
| 72.5° | 95.3   | 96.2   | 104.7  | 149.3  | 411.8  | 1219.0 | 429.3  | 154.3  | 106.9  | 94.8   |
| 75°   | 60.6   | 60.0   | 74.5   | 91.2   | 146.0  | 411.3  | 153.2  | 91.2   | 74.3   | 67.7   |
| 77.5° | 43.6   | 44.9   | 53.4   | 68.2   | 92.1   | 139.5  | 90.4   | 65.2   | 53.4   | 43.8   |
| 80°   | 32.6   | 33.4   | 38.9   | 53.2   | 64.7   | 86.9   | 57.5   | 48.2   | 40.3   | 27.4   |
| 82.5° | 23.6   | 23.6   | 25.5   | 38.6   | 39.5   | 46.9   | 31.2   | 34.0   | 26.6   | 19.5   |
| 85°   | 14.0   | 13.7   | 15.9   | 23.0   | 20.5   | 17.3   | 14.2   | 20.8   | 16.7   | 12.1   |
| 87.5° | 4.9    | 5.2    | 4.9    | 6.6    | 5.5    | 4.7    | 4.4    | 5.8    | 4.7    | 4.1    |
| 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°    |
|--------|
| 649.9  |
| 653.7  |
| 662.8  |
| 676.5  |
| 692.9  |
| 709.9  |
| 728.5  |
| 754.0  |
| 782.8  |
| 813.8  |
| 848.6  |
| 884.7  |
| 924.2  |
| 970.5  |
| 1022.5 |
| 1079.5 |
| 1137.9 |
| 1208.3 |
| 1284.8 |
| 1365.3 |
| 1448.3 |
| 1528.6 |
| 1587.8 |
| 1597.1 |
| 1518.7 |
| 1322.8 |
| 975.7  |
| 461.7  |
| 171.5  |
| 96.4   |
| 68.2   |
| 44.7   |
| 28.2   |
| 19.5   |
| 11.8   |
| 3.8    |
| 0.0    |