

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: P939703

Luminaire Tested: **GLAN-SB2B-935-U-T1**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P939703  
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-SB2B-935-U-T1  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: -

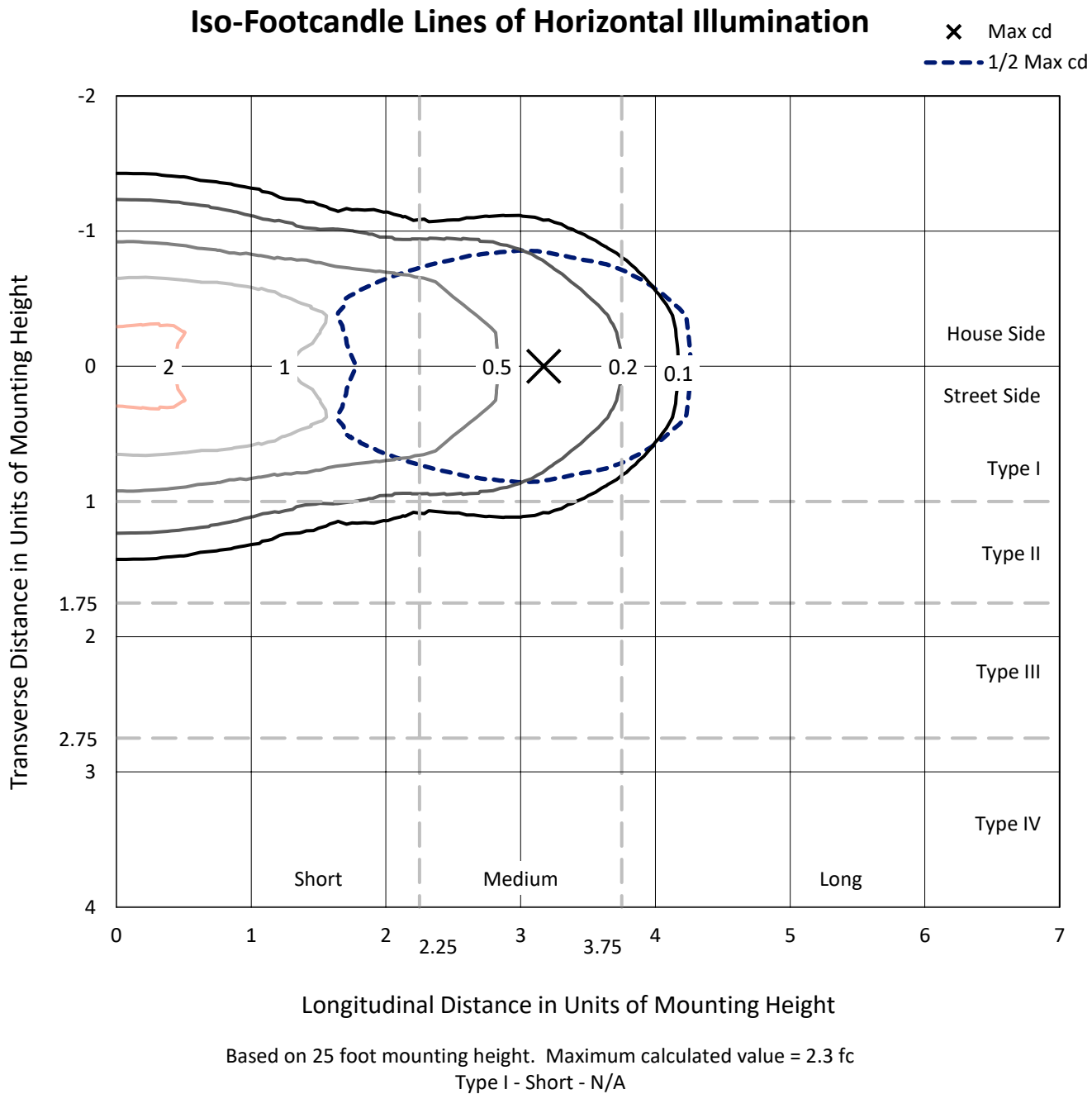
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 7750 lumens  
Efficiency: N/A  
Efficacy: 104.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

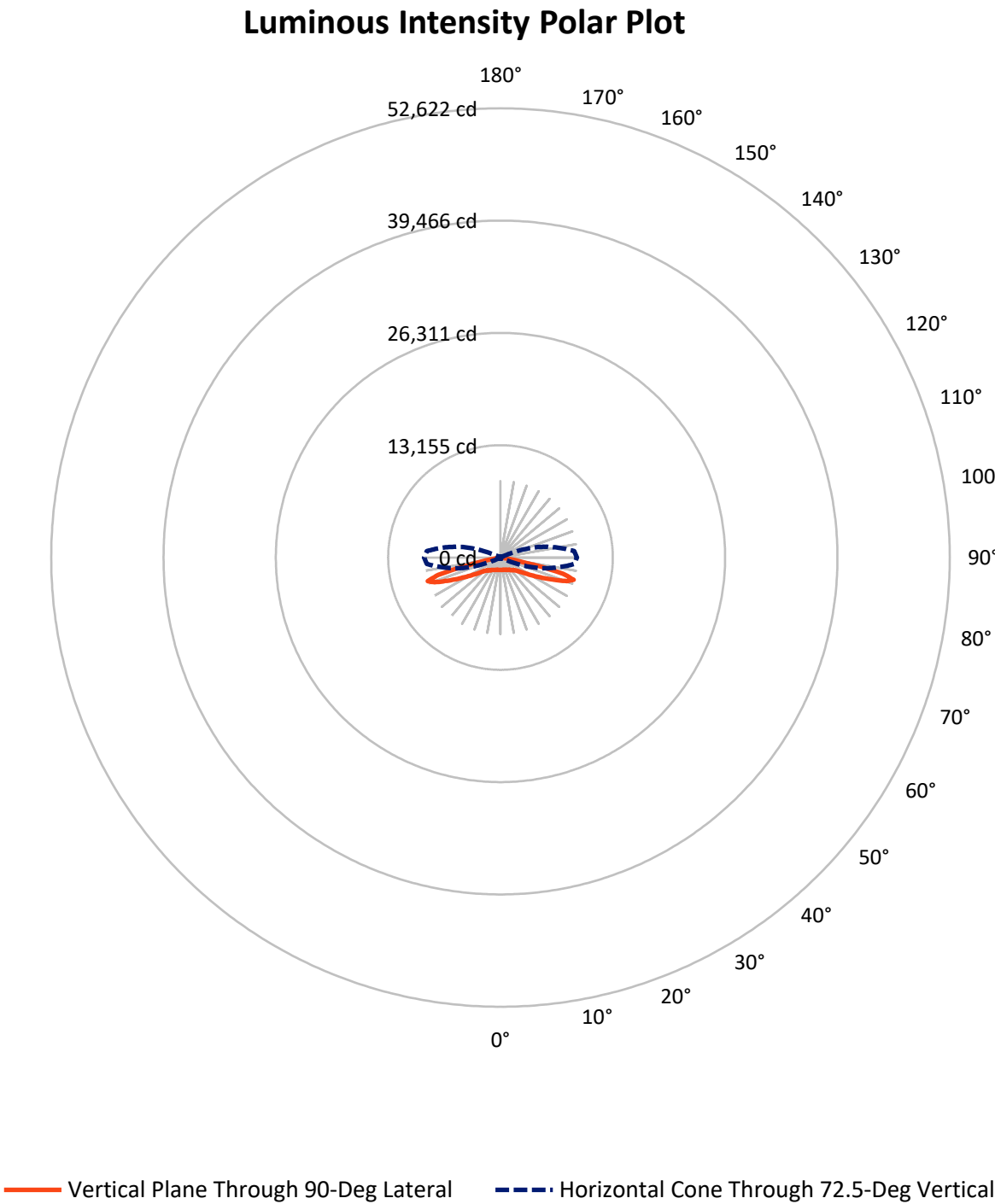
Input Watts (W): 73.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P939703  
CATALOG NUMBER: GLAN-SB2B-935-U-T1



REPORT NUMBER: P939703  
CATALOG NUMBER: GLAN-SB2B-935-U-T1



REPORT NUMBER: P939703

CATALOG NUMBER: GLAN-SB2B-935-U-T1

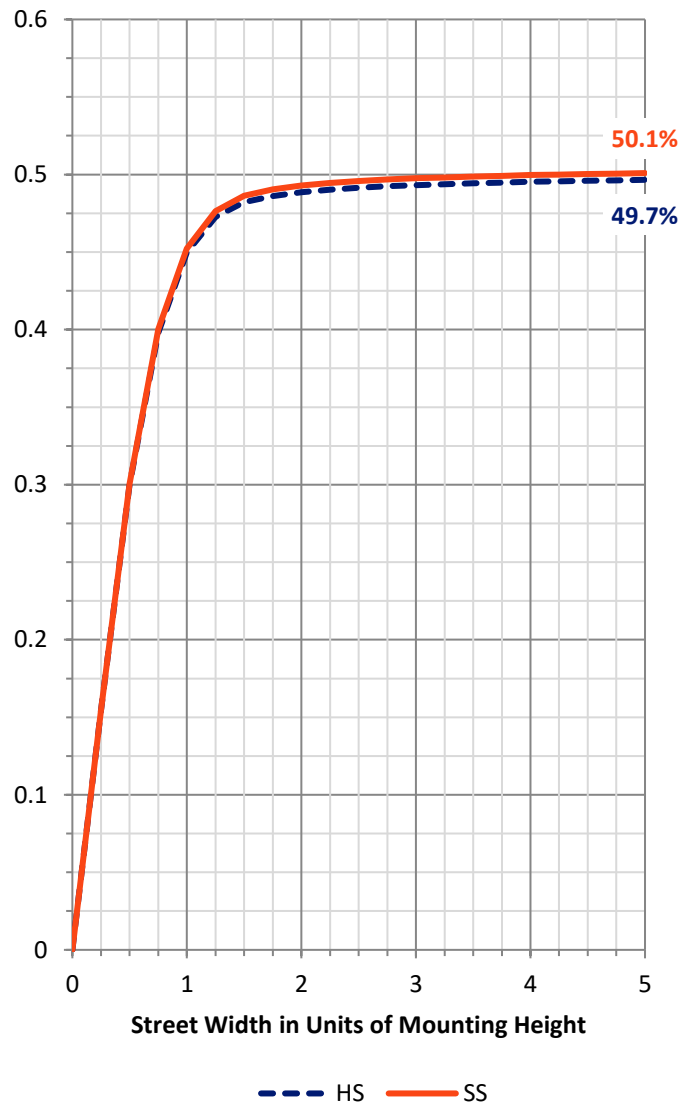
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 3875.0   | 0.0    | 3875.0 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 3875.0   | 0.0    | 3875.0 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 7750.0   | 0.0    | 7750.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 140.4  | 1.8       |
| 10°-20°   | 429.3  | 5.5       |
| 20°-30°   | 715.9  | 9.2       |
| 30°-40°   | 984.6  | 12.7      |
| 40°-50°   | 1202.4 | 15.5      |
| 50°-60°   | 1390.7 | 17.9      |
| 60°-70°   | 1658.2 | 21.4      |
| 70°-80°   | 1157.3 | 14.9      |
| 80°-90°   | 71.1   | 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°    | 7750.0 | 100.0     |
| 0°-180°   | 7750.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P939703

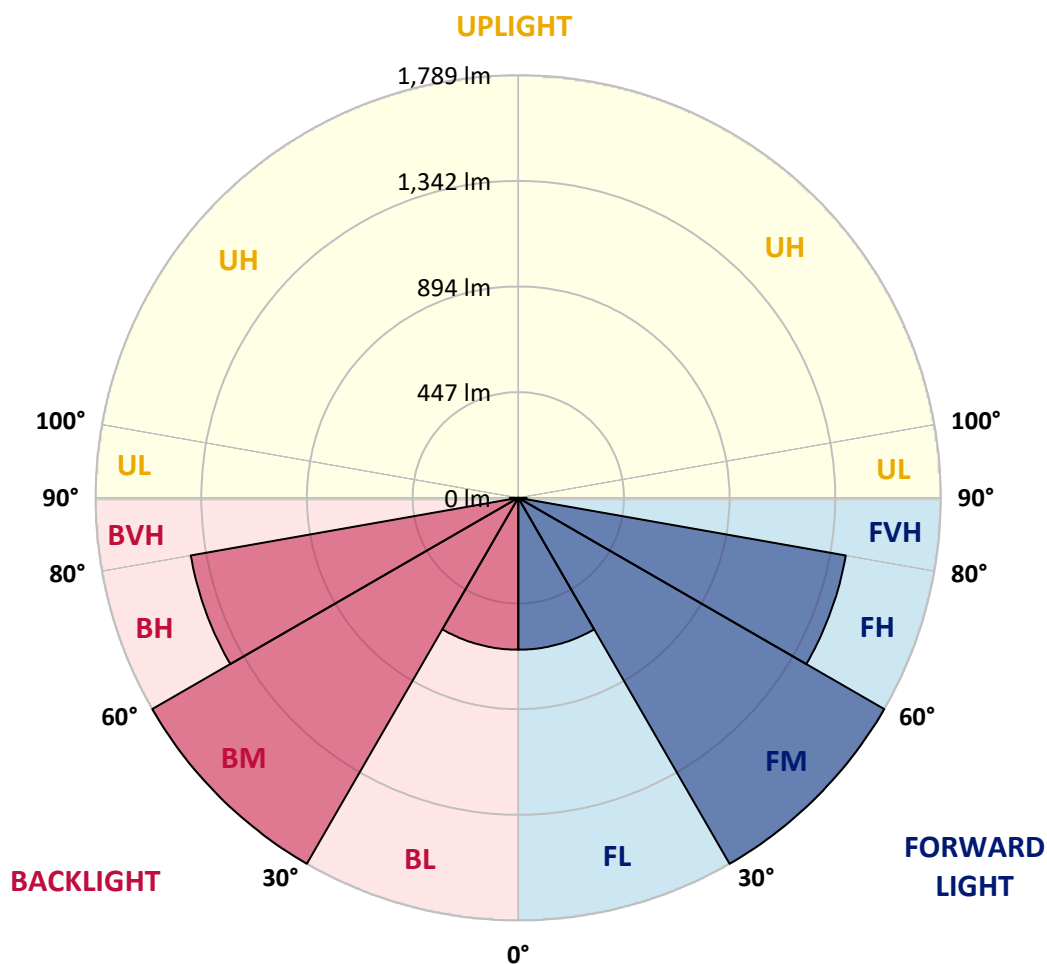
CATALOG NUMBER: GLAN-SB2B-935-U-T1

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 642.8  | 8.3       |                         |      |         |
| FM   | (30°-60°)   | 1788.9 | 23.1      |                         |      |         |
| FH   | (60°-80°)   | 1407.8 | 18.2      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 35.5   | 0.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 642.8  | 8.3       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1788.9 | 23.1      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1407.8 | 18.2      | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 35.5   | 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



REPORT NUMBER: P939703

CATALOG NUMBER: GLAN-SB2B-935-U-T1

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |
| 2.5°  | 1449.4 | 1451.1 | 1451.1 | 1449.8 | 1452.7 | 1450.2 | 1450.2 | 1449.0 | 1450.2 | 1449.0 |
| 5°    | 1456.8 | 1458.9 | 1459.7 | 1459.3 | 1463.0 | 1460.9 | 1460.9 | 1459.3 | 1459.7 | 1458.5 |
| 7.5°  | 1470.8 | 1473.7 | 1475.4 | 1477.4 | 1482.8 | 1480.3 | 1478.6 | 1473.7 | 1471.6 | 1468.4 |
| 10°   | 1475.4 | 1478.6 | 1484.0 | 1494.7 | 1507.1 | 1507.5 | 1502.5 | 1490.2 | 1480.7 | 1473.3 |
| 12.5° | 1461.3 | 1465.9 | 1477.0 | 1498.8 | 1526.4 | 1537.5 | 1529.7 | 1509.1 | 1490.6 | 1477.4 |
| 15°   | 1443.6 | 1448.6 | 1465.5 | 1498.4 | 1539.2 | 1565.1 | 1564.3 | 1537.1 | 1507.5 | 1486.9 |
| 17.5° | 1416.0 | 1421.0 | 1445.3 | 1491.4 | 1549.1 | 1591.9 | 1603.4 | 1575.4 | 1533.8 | 1506.2 |
| 20°   | 1366.2 | 1370.7 | 1404.5 | 1469.2 | 1552.4 | 1620.3 | 1650.4 | 1625.7 | 1573.8 | 1536.3 |
| 22.5° | 1301.5 | 1308.5 | 1348.1 | 1430.9 | 1544.5 | 1650.0 | 1703.9 | 1687.1 | 1620.3 | 1568.4 |
| 25°   | 1232.3 | 1239.8 | 1285.9 | 1383.9 | 1524.4 | 1671.4 | 1767.4 | 1756.7 | 1673.1 | 1608.4 |
| 27.5° | 1172.6 | 1180.4 | 1230.7 | 1337.4 | 1493.1 | 1679.6 | 1830.0 | 1835.3 | 1736.9 | 1652.5 |
| 30°   | 1125.7 | 1133.1 | 1186.6 | 1299.9 | 1452.7 | 1671.4 | 1884.8 | 1921.8 | 1802.0 | 1690.8 |
| 32.5° | 1074.2 | 1083.7 | 1140.1 | 1254.2 | 1404.9 | 1651.6 | 1932.5 | 2015.3 | 1877.3 | 1732.0 |
| 35°   | 1009.1 | 1017.8 | 1077.1 | 1191.6 | 1342.3 | 1619.9 | 1972.5 | 2119.1 | 1985.3 | 1794.6 |
| 37.5° | 930.0  | 938.3  | 997.2  | 1113.3 | 1280.1 | 1575.4 | 2003.0 | 2236.1 | 2113.8 | 1884.8 |
| 40°   | 850.5  | 858.4  | 913.5  | 1026.0 | 1205.6 | 1518.6 | 2013.7 | 2350.6 | 2261.2 | 2008.7 |
| 42.5° | 777.6  | 784.6  | 835.3  | 939.9  | 1122.0 | 1446.1 | 1999.7 | 2450.3 | 2393.4 | 2095.2 |
| 45°   | 710.5  | 716.7  | 761.6  | 859.2  | 1035.1 | 1358.0 | 1957.7 | 2557.4 | 2550.8 | 2157.0 |
| 47.5° | 633.9  | 640.1  | 686.6  | 780.9  | 948.1  | 1254.6 | 1886.4 | 2662.8 | 2769.5 | 2297.1 |
| 50°   | 540.4  | 545.7  | 593.5  | 690.7  | 857.9  | 1144.6 | 1787.6 | 2745.6 | 3045.4 | 2509.2 |
| 52.5° | 429.6  | 435.4  | 481.9  | 579.1  | 750.9  | 1026.4 | 1657.4 | 2799.5 | 3364.2 | 2818.9 |
| 55°   | 319.6  | 323.7  | 364.1  | 451.4  | 618.2  | 891.7  | 1494.3 | 2814.8 | 3725.9 | 3242.3 |
| 57.5° | 231.9  | 234.4  | 260.3  | 325.4  | 468.7  | 723.3  | 1296.2 | 2775.2 | 4156.3 | 3785.2 |
| 60°   | 187.8  | 188.6  | 196.5  | 225.3  | 325.8  | 533.0  | 1056.9 | 2639.3 | 4623.4 | 4485.0 |
| 62.5° | 170.5  | 170.5  | 172.6  | 180.4  | 220.4  | 351.7  | 767.3  | 2357.6 | 5124.2 | 5369.3 |
| 65°   | 158.6  | 158.6  | 159.4  | 163.1  | 173.8  | 224.1  | 484.4  | 1898.8 | 5546.4 | 6405.1 |
| 67.5° | 147.9  | 148.3  | 147.9  | 149.1  | 155.3  | 165.6  | 280.9  | 1311.4 | 5773.7 | 7478.5 |
| 70°   | 136.7  | 137.6  | 135.5  | 135.5  | 140.5  | 140.9  | 175.9  | 719.1  | 5585.1 | 8378.0 |
| 72.5° | 123.6  | 124.8  | 121.5  | 120.7  | 124.4  | 122.7  | 132.2  | 345.2  | 4795.1 | 8646.6 |
| 75°   | 112.0  | 113.7  | 106.3  | 104.2  | 104.2  | 103.0  | 107.5  | 177.1  | 3112.2 | 7053.4 |
| 77.5° | 101.7  | 105.0  | 93.1   | 86.5   | 84.8   | 81.1   | 87.7   | 108.3  | 1361.3 | 3311.5 |
| 80°   | 84.0   | 88.6   | 76.6   | 68.8   | 65.9   | 61.8   | 69.2   | 75.8   | 404.9  | 769.0  |
| 82.5° | 62.6   | 64.7   | 54.4   | 49.0   | 46.5   | 43.7   | 51.9   | 52.7   | 131.8  | 272.3  |
| 85°   | 40.0   | 40.8   | 33.4   | 28.8   | 27.6   | 26.4   | 33.0   | 28.8   | 50.2   | 200.2  |
| 87.5° | 14.0   | 16.1   | 12.8   | 11.5   | 12.4   | 10.3   | 15.2   | 8.6    | 14.0   | 141.3  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END C

90°

1448.2  
1449.0  
1458.5  
1468.4  
1472.1  
1475.4  
1483.6  
1501.7  
1529.3  
1559.0  
1595.2  
1638.5  
1670.6  
1706.4  
1766.1  
1846.9  
1968.4  
2043.3  
2087.0  
2216.3  
2407.8  
2694.1  
3086.2  
3588.7  
4237.4  
5037.7  
5985.8  
7025.8  
8259.0  
8959.6  
7544.4  
3242.7  
736.4  
307.7  
290.8  
175.0  
0.0

OF REPORT)