

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: P561241

Luminaire Tested: **SDL-PA1-90-730-U-T2R**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561241  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-90-730-U-T2R  
Description: Springdale  
(1) 70 CRI, 3000K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9225.4 lumens  
Efficiency: N/A  
Efficacy: 99.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U0 - G2

Input Watts (W): 92.4  
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



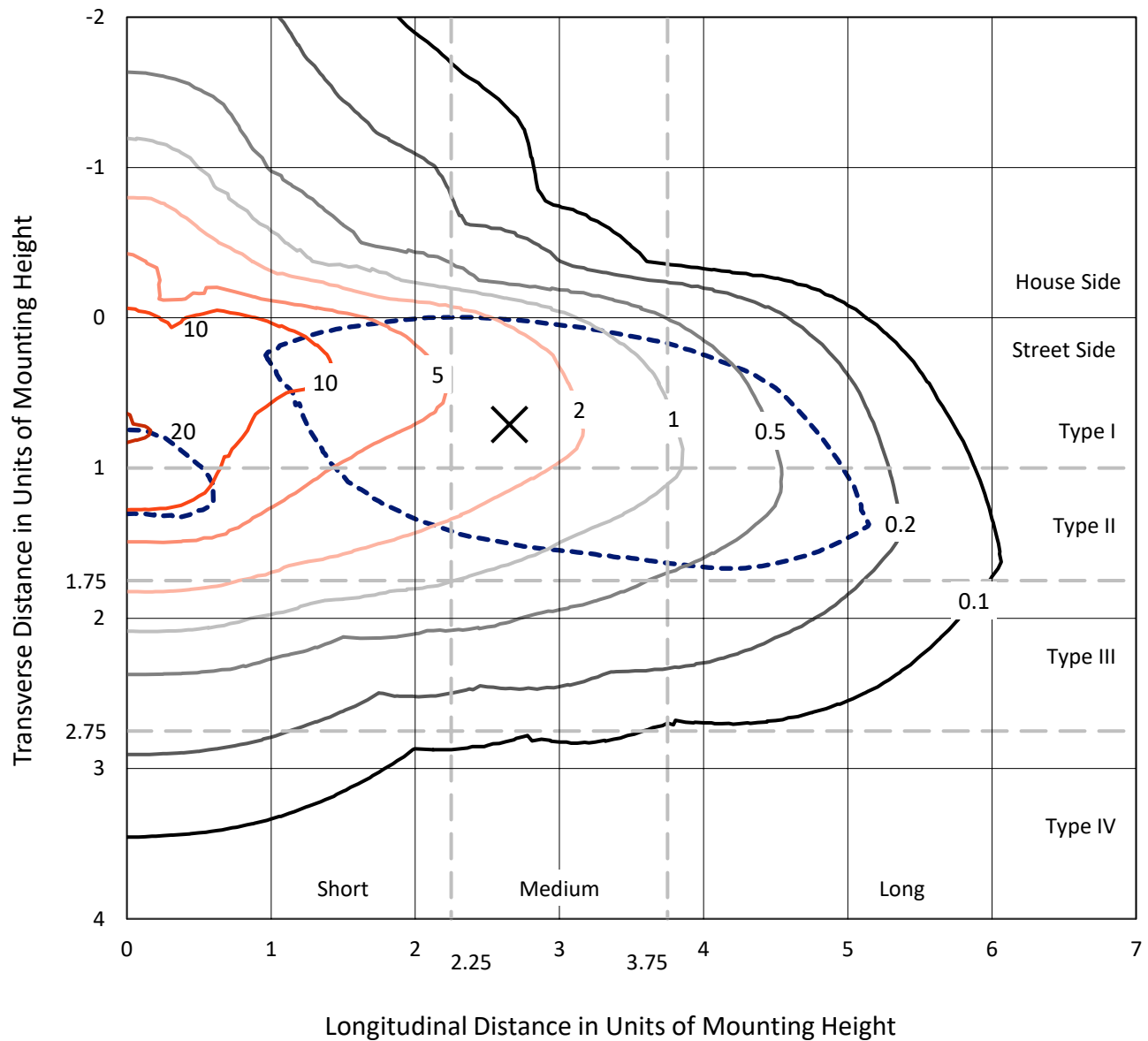
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



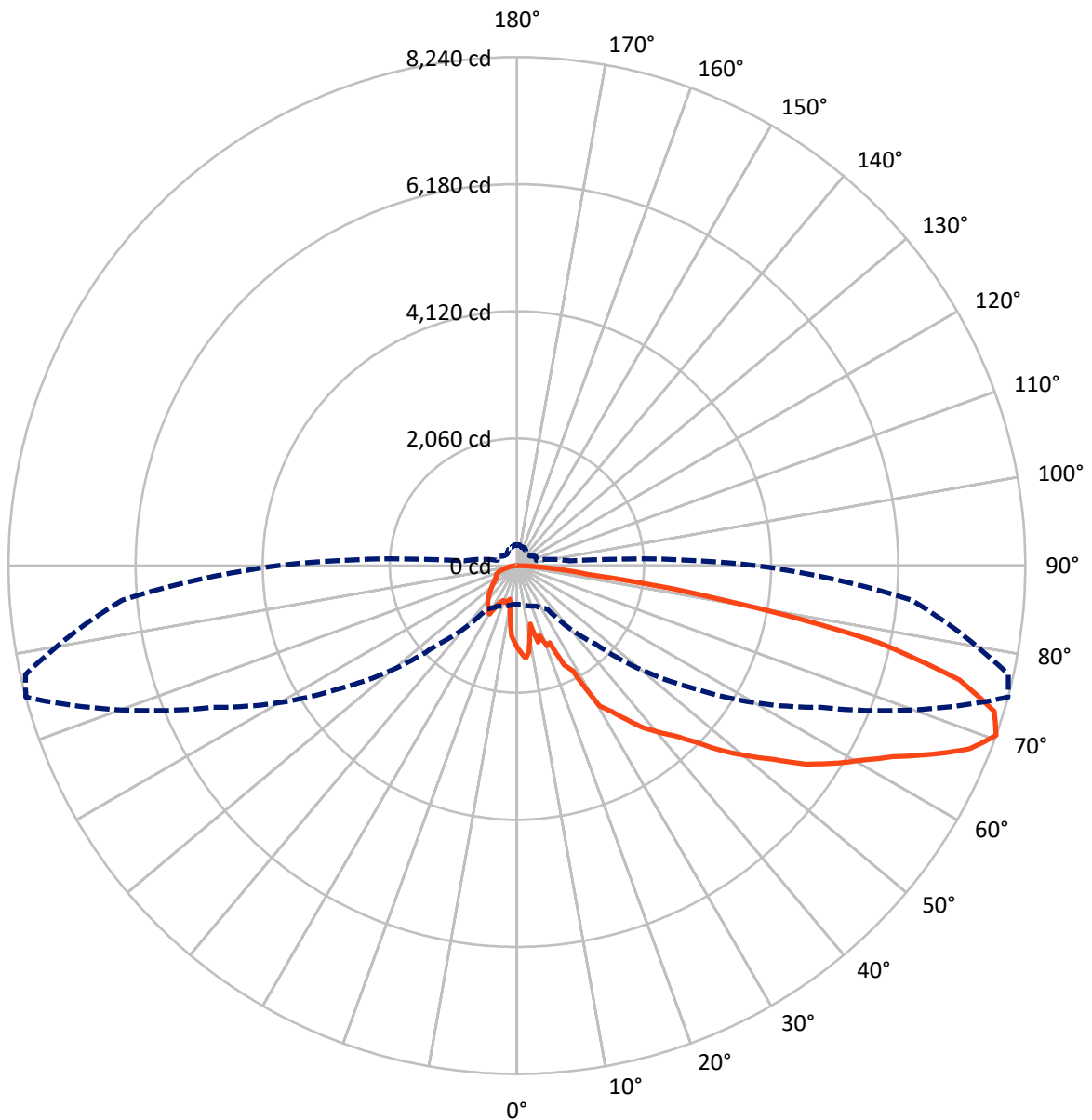
Based on 10 foot mounting height. Maximum calculated value = 21 fc

Type II - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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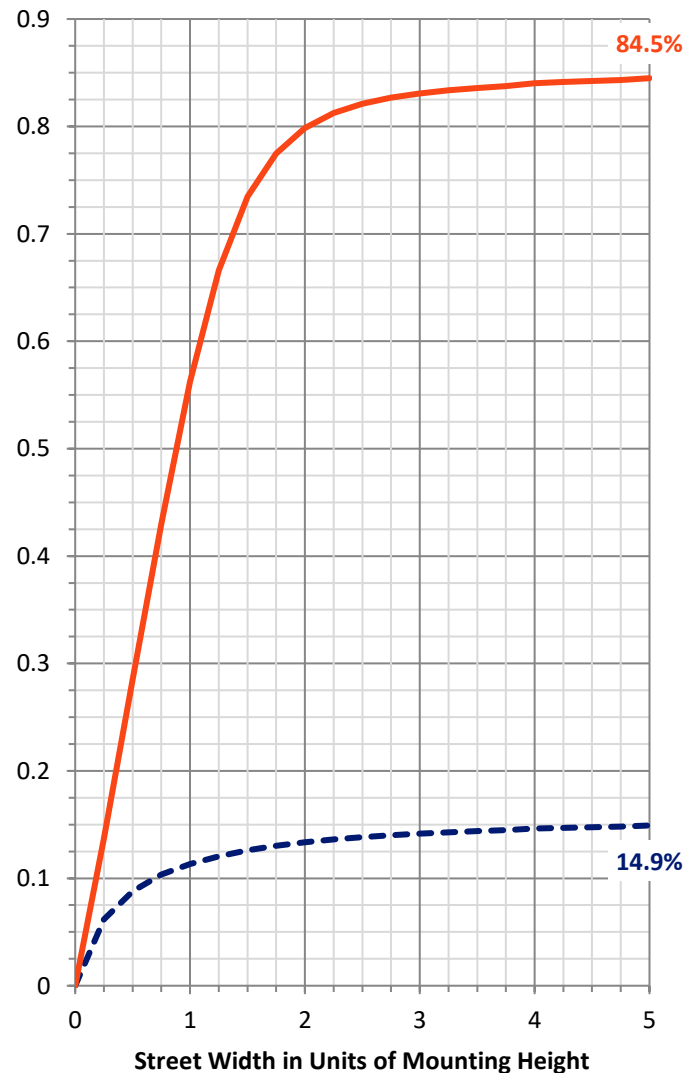
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1403.4   | 0.0    | 1403.4 |
|                    | % Fixture | 15.2     | 0.0    | 15.2   |
| <b>Street Side</b> | Lumens    | 7822.0   | 0.0    | 7822.0 |
|                    | % Fixture | 84.8     | 0.0    | 84.8   |
| <b>Total</b>       | Lumens    | 9225.4   | 0.0    | 9225.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 110.2  | 1.2       |
| 10°-20°   | 293.1  | 3.2       |
| 20°-30°   | 535.8  | 5.8       |
| 30°-40°   | 1087.7 | 11.8      |
| 40°-50°   | 1669.3 | 18.1      |
| 50°-60°   | 2012.5 | 21.8      |
| 60°-70°   | 1946.3 | 21.1      |
| 70°-80°   | 1350.0 | 14.6      |
| 80°-90°   | 220.5  | 2.4       |
| 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°    | 9225.4 | 100.0     |
| 0°-180°   | 9225.4 | 100.0     |



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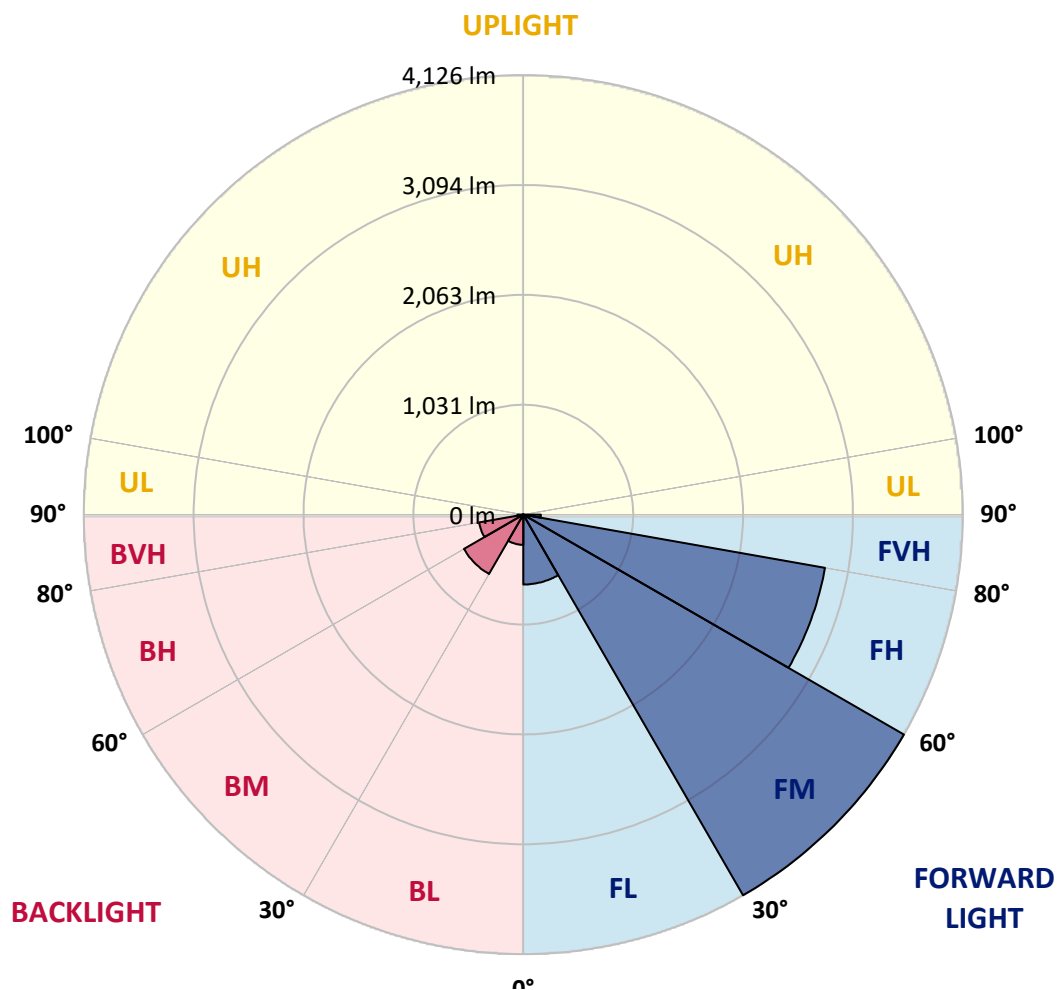
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 655.8  | 7.1       |                         |      |         |
| FM   | (30°-60°)   | 4125.8 | 44.7      |                         |      |         |
| FH   | (60°-80°)   | 2875.3 | 31.2      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 165.1  | 1.8       |                         |      | G2/225  |
| BL   | (0°-30°)    | 283.3  | 3.1       | B1/500                  |      |         |
| BM   | (30°-60°)   | 643.7  | 7.0       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 421.0  | 4.6       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 55.4   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 |
| 2.5°   | 1384.1 | 1516.4 | 1452.0 | 1526.6 | 1563.9 | 1540.2 | 1519.8 | 1468.9 | 1424.8 | 1407.9 | 1363.8 |
| 5°     | 1526.6 | 1523.2 | 1506.3 | 1499.5 | 1468.9 | 1431.6 | 1401.1 | 1570.7 | 1509.6 | 1479.1 | 1401.1 |
| 7.5°   | 1353.6 | 1468.9 | 1553.7 | 1597.9 | 1597.9 | 1553.7 | 1506.3 | 1299.3 | 1404.5 | 1377.3 | 1265.4 |
| 10°    | 1699.6 | 1699.6 | 1696.2 | 1699.6 | 1394.3 | 1468.9 | 1262.0 | 1173.8 | 1136.5 | 1224.7 | 1136.5 |
| 12.5°  | 1445.2 | 1570.7 | 1713.2 | 1764.1 | 1625.0 | 1387.5 | 1292.5 | 1241.6 | 973.6  | 953.3  | 1007.6 |
| 15°    | 1699.6 | 1709.8 | 1723.4 | 1516.4 | 1289.1 | 1472.3 | 1126.3 | 1116.1 | 1289.1 | 1258.6 | 1272.2 |
| 17.5°  | 1363.8 | 1377.3 | 1672.5 | 1635.2 | 1499.5 | 1116.1 | 1404.5 | 1255.2 | 1190.8 | 1150.0 | 1146.7 |
| 20°    | 1720.0 | 1726.8 | 1723.4 | 1292.5 | 1384.1 | 1519.8 | 1455.4 | 1105.9 | 1387.5 | 1404.5 | 1421.4 |
| 22.5°  | 1455.4 | 1458.8 | 1475.7 | 1645.3 | 1401.1 | 1584.3 | 1312.9 | 1648.7 | 1360.4 | 1401.1 | 1058.4 |
| 25°    | 1957.5 | 1957.5 | 1896.4 | 1482.5 | 1696.2 | 1445.2 | 1597.9 | 1418.1 | 1784.4 | 1736.9 | 1591.1 |
| 27.5°  | 1825.1 | 1811.6 | 1740.3 | 1835.3 | 1530.0 | 1828.5 | 1580.9 | 1781.0 | 1937.1 | 1869.2 | 1930.3 |
| 30°    | 2564.7 | 2581.7 | 2490.1 | 1906.6 | 1862.5 | 1753.9 | 1821.8 | 2110.1 | 2635.9 | 2598.6 | 2320.4 |
| 32.5°  | 3433.2 | 3273.7 | 2856.5 | 2469.7 | 2035.5 | 2140.6 | 2035.5 | 2490.1 | 2822.5 | 2829.3 | 2456.1 |
| 35°    | 3853.8 | 3840.3 | 3660.5 | 2914.1 | 2340.8 | 2340.8 | 2283.1 | 2598.6 | 3063.4 | 3019.3 | 2602.0 |
| 37.5°  | 4189.7 | 4169.3 | 4043.8 | 3294.1 | 2615.6 | 2602.0 | 2415.4 | 2764.9 | 3338.2 | 3226.2 | 2761.5 |
| 40°    | 4474.7 | 4447.5 | 4339.0 | 3558.7 | 2914.1 | 2849.7 | 2578.3 | 2954.8 | 3551.9 | 3562.1 | 2914.1 |
| 42.5°  | 4664.6 | 4654.5 | 4576.4 | 3799.6 | 3161.8 | 3046.4 | 2795.4 | 3199.1 | 3779.2 | 3836.9 | 3104.1 |
| 45°    | 4813.9 | 4810.5 | 4742.7 | 4064.2 | 3338.2 | 3226.2 | 3026.1 | 3382.3 | 4091.3 | 4125.2 | 3307.7 |
| 47.5°  | 4830.9 | 4844.4 | 4844.4 | 4196.5 | 3460.3 | 3385.7 | 3263.6 | 3545.1 | 4488.2 | 4417.0 | 3545.1 |
| 50°    | 4654.5 | 4668.0 | 4752.8 | 4417.0 | 3565.5 | 3518.0 | 3467.1 | 3741.9 | 4851.2 | 4746.1 | 3796.2 |
| 52.5°  | 4203.3 | 4233.8 | 4464.5 | 4308.4 | 3619.8 | 3616.4 | 3657.1 | 3996.3 | 5221.0 | 5109.1 | 4128.6 |
| 55°    | 3233.0 | 3253.4 | 3826.7 | 3989.5 | 3602.8 | 3640.1 | 3799.6 | 4311.8 | 5679.0 | 5580.6 | 4478.1 |
| 57.5°  | 2469.7 | 2527.4 | 2887.0 | 3385.7 | 3416.2 | 3619.8 | 3891.2 | 4532.3 | 6048.8 | 5950.4 | 4800.3 |
| 60°    | 1988.0 | 2028.7 | 2239.0 | 2676.7 | 3015.9 | 3531.6 | 4016.7 | 4807.1 | 6408.4 | 6360.9 | 5146.4 |
| 62.5°  | 1557.1 | 1584.3 | 1730.2 | 2018.5 | 2449.4 | 3324.6 | 4094.7 | 5105.7 | 6822.2 | 6798.5 | 5597.6 |
| 65°    | 1116.1 | 1143.3 | 1272.2 | 1462.2 | 1893.0 | 2934.5 | 4057.4 | 5390.6 | 7378.6 | 7354.9 | 6035.2 |
| 67.5°  | 814.2  | 821.0  | 905.8  | 1034.7 | 1343.4 | 2374.7 | 3874.2 | 5570.4 | 7921.4 | 7873.9 | 6371.1 |
| 70°    | 627.6  | 634.4  | 675.1  | 722.6  | 858.3  | 1798.0 | 3446.7 | 5434.7 | 8240.3 | 8158.9 | 6421.9 |
| 72.5°  | 508.9  | 508.9  | 525.8  | 549.6  | 586.9  | 1173.8 | 2707.2 | 4902.1 | 8091.0 | 7931.6 | 5997.9 |
| 75°    | 427.5  | 427.5  | 437.6  | 430.8  | 410.5  | 732.8  | 1882.8 | 4094.7 | 7409.1 | 7209.0 | 5221.0 |
| 77.5°  | 359.6  | 356.2  | 356.2  | 359.6  | 318.9  | 498.7  | 1150.0 | 3155.0 | 5987.7 | 5794.3 | 3870.8 |
| 80°    | 295.1  | 295.1  | 295.1  | 295.1  | 261.2  | 356.2  | 685.3  | 2093.2 | 3440.0 | 3002.3 | 1774.3 |
| 82.5°  | 217.1  | 220.5  | 230.7  | 230.7  | 217.1  | 261.2  | 356.2  | 875.3  | 1177.2 | 1041.5 | 627.6  |
| 85°    | 101.8  | 105.2  | 135.7  | 142.5  | 139.1  | 128.9  | 186.6  | 393.5  | 549.6  | 498.7  | 145.9  |
| 87.5°  | 3.4    | 3.4    | 13.6   | 30.5   | 27.1   | 20.4   | 37.3   | 54.3   | 20.4   | 23.7   | 17.0   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 77.5° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 180°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 | 1333.2 |
| 2.5°   | 1333.2 | 1302.7 | 1231.5 | 1170.4 | 1105.9 | 1061.8 | 963.5  | 892.2  | 854.9  | 848.1  | 858.3  |
| 5°     | 1340.0 | 1272.2 | 1129.7 | 949.9  | 814.2  | 780.3  | 766.7  | 763.3  | 759.9  | 759.9  | 759.9  |
| 7.5°   | 1180.6 | 1092.4 | 878.6  | 746.3  | 766.7  | 766.7  | 766.7  | 756.5  | 695.5  | 668.3  | 668.3  |
| 10°    | 1041.5 | 926.1  | 654.7  | 603.9  | 607.3  | 637.8  | 719.2  | 804.0  | 821.0  | 824.4  | 827.8  |
| 12.5°  | 902.4  | 790.4  | 556.4  | 586.9  | 529.2  | 627.6  | 743.0  | 827.8  | 746.3  | 705.6  | 705.6  |
| 15°    | 1136.5 | 977.0  | 644.6  | 515.7  | 522.4  | 627.6  | 566.5  | 766.7  | 821.0  | 824.4  | 827.8  |
| 17.5°  | 1024.5 | 861.7  | 600.5  | 542.8  | 573.3  | 478.3  | 648.0  | 726.0  | 668.3  | 661.5  | 654.7  |
| 20°    | 1245.0 | 1024.5 | 627.6  | 539.4  | 536.0  | 580.1  | 549.6  | 549.6  | 746.3  | 746.3  | 746.3  |
| 22.5°  | 922.8  | 759.9  | 610.6  | 607.3  | 512.3  | 573.3  | 546.2  | 610.6  | 586.9  | 576.7  | 576.7  |
| 25°    | 1353.6 | 1072.0 | 668.3  | 532.6  | 549.6  | 505.5  | 563.1  | 502.1  | 620.8  | 627.6  | 627.6  |
| 27.5°  | 1625.0 | 1258.6 | 726.0  | 590.3  | 505.5  | 542.8  | 464.8  | 505.5  | 478.3  | 481.7  | 481.7  |
| 30°    | 1937.1 | 1475.7 | 902.4  | 617.4  | 519.0  | 447.8  | 461.4  | 437.6  | 519.0  | 508.9  | 505.5  |
| 32.5°  | 2021.9 | 1489.3 | 868.5  | 654.7  | 505.5  | 451.2  | 417.3  | 451.2  | 481.7  | 525.8  | 525.8  |
| 35°    | 2120.3 | 1502.9 | 821.0  | 624.2  | 495.3  | 420.7  | 413.9  | 451.2  | 488.5  | 474.9  | 474.9  |
| 37.5°  | 2211.9 | 1513.0 | 783.7  | 586.9  | 454.6  | 410.5  | 410.5  | 417.3  | 454.6  | 434.2  | 434.2  |
| 40°    | 2317.1 | 1516.4 | 739.6  | 546.2  | 420.7  | 403.7  | 380.0  | 386.7  | 390.1  | 376.6  | 373.2  |
| 42.5°  | 2435.8 | 1513.0 | 688.7  | 508.9  | 390.1  | 376.6  | 359.6  | 359.6  | 369.8  | 366.4  | 363.0  |
| 45°    | 2564.7 | 1509.6 | 634.4  | 464.8  | 356.2  | 339.2  | 329.1  | 369.8  | 386.7  | 386.7  | 380.0  |
| 47.5°  | 2720.8 | 1509.6 | 583.5  | 413.9  | 332.5  | 305.3  | 298.5  | 342.6  | 376.6  | 383.3  | 390.1  |
| 50°    | 2900.6 | 1502.9 | 536.0  | 376.6  | 308.7  | 285.0  | 295.1  | 339.2  | 366.4  | 376.6  | 373.2  |
| 52.5°  | 3134.6 | 1489.3 | 495.3  | 346.0  | 291.8  | 261.2  | 278.2  | 329.1  | 363.0  | 366.4  | 363.0  |
| 55°    | 3338.2 | 1441.8 | 454.6  | 332.5  | 278.2  | 247.7  | 268.0  | 325.7  | 356.2  | 356.2  | 356.2  |
| 57.5°  | 3511.2 | 1373.9 | 420.7  | 322.3  | 274.8  | 244.3  | 264.6  | 322.3  | 342.6  | 352.8  | 352.8  |
| 60°    | 3721.5 | 1289.1 | 396.9  | 318.9  | 271.4  | 240.9  | 261.2  | 318.9  | 335.9  | 349.4  | 349.4  |
| 62.5°  | 3938.7 | 1217.9 | 383.3  | 318.9  | 261.2  | 244.3  | 261.2  | 318.9  | 332.5  | 349.4  | 346.0  |
| 65°    | 4115.1 | 1126.3 | 369.8  | 325.7  | 257.8  | 244.3  | 261.2  | 318.9  | 329.1  | 346.0  | 346.0  |
| 67.5°  | 4104.9 | 1000.8 | 352.8  | 342.6  | 261.2  | 247.7  | 261.2  | 315.5  | 322.3  | 346.0  | 339.2  |
| 70°    | 3874.2 | 854.9  | 325.7  | 339.2  | 271.4  | 247.7  | 257.8  | 305.3  | 308.7  | 339.2  | 329.1  |
| 72.5°  | 3456.9 | 692.1  | 288.4  | 318.9  | 271.4  | 251.0  | 251.0  | 291.8  | 291.8  | 325.7  | 305.3  |
| 75°    | 2893.8 | 532.6  | 237.5  | 281.6  | 257.8  | 257.8  | 237.5  | 274.8  | 268.0  | 288.4  | 268.0  |
| 77.5°  | 2157.6 | 403.7  | 183.2  | 234.1  | 234.1  | 254.4  | 227.3  | 254.4  | 244.3  | 247.7  | 237.5  |
| 80°    | 899.0  | 244.3  | 139.1  | 183.2  | 200.2  | 247.7  | 217.1  | 230.7  | 206.9  | 206.9  | 200.2  |
| 82.5°  | 373.2  | 156.1  | 95.0   | 115.3  | 135.7  | 220.5  | 206.9  | 196.8  | 169.6  | 156.1  | 145.9  |
| 85°    | 135.7  | 84.8   | 64.5   | 78.0   | 88.2   | 152.7  | 149.3  | 125.5  | 98.4   | 108.6  | 88.2   |
| 87.5°  | 10.2   | 13.6   | 13.6   | 17.0   | 17.0   | 20.4   | 33.9   | 33.9   | 20.4   | 17.0   | 10.2   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P561241

CATALOG NUMBER: SDL-PA1-90-730-U-T2R

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



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|      |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|





|      |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|



(END OF REPORT)