

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: P560933

Luminaire Tested: **SDL-PA1-70-750-U-T2R**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560933  
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-PA1-70-750-U-T2R  
Description: Springdale  
(1) 70 CRI, 5000K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8420.1 lumens  
Efficiency: N/A  
Efficacy: 116.6 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): 72.2  
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



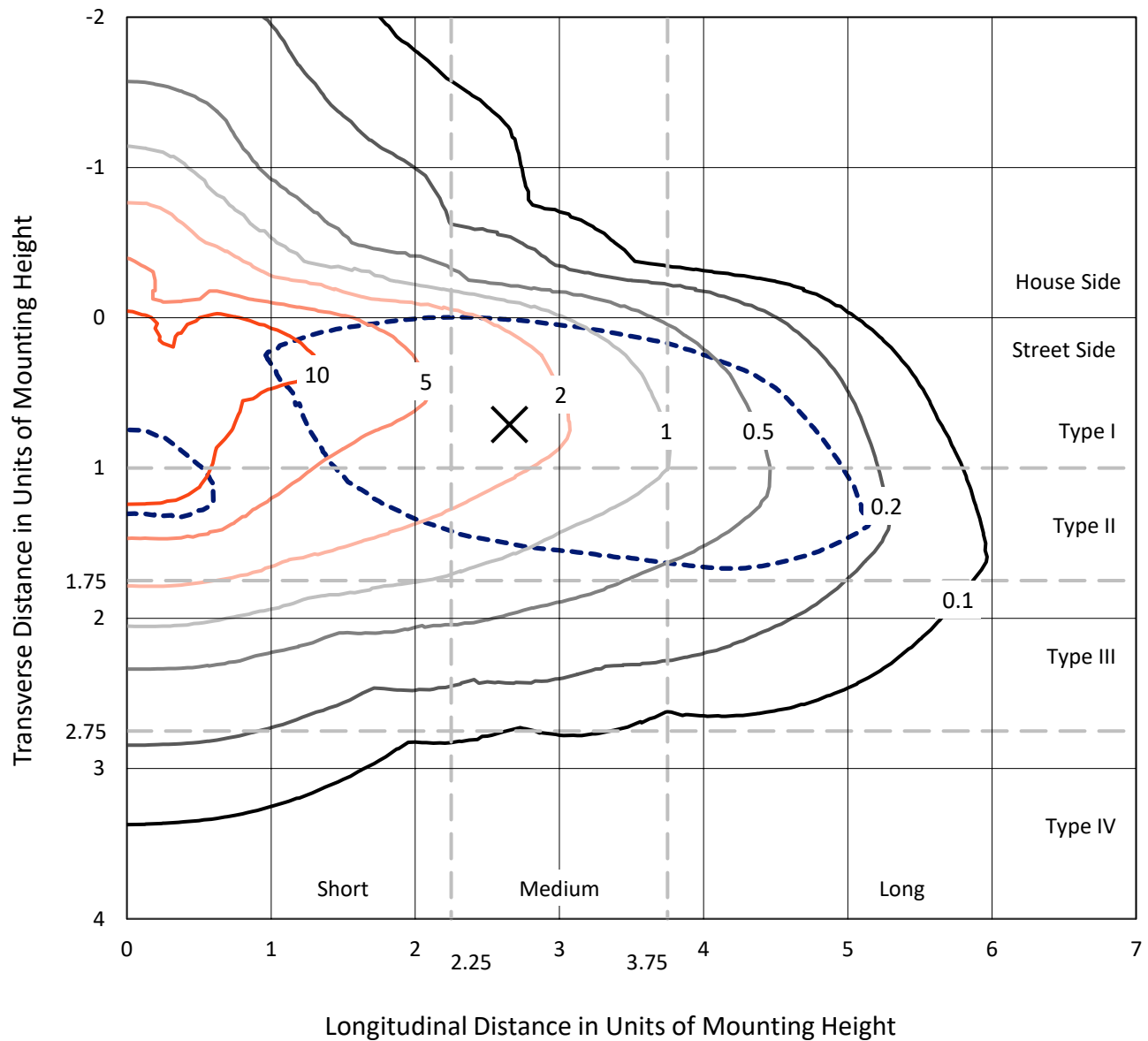
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

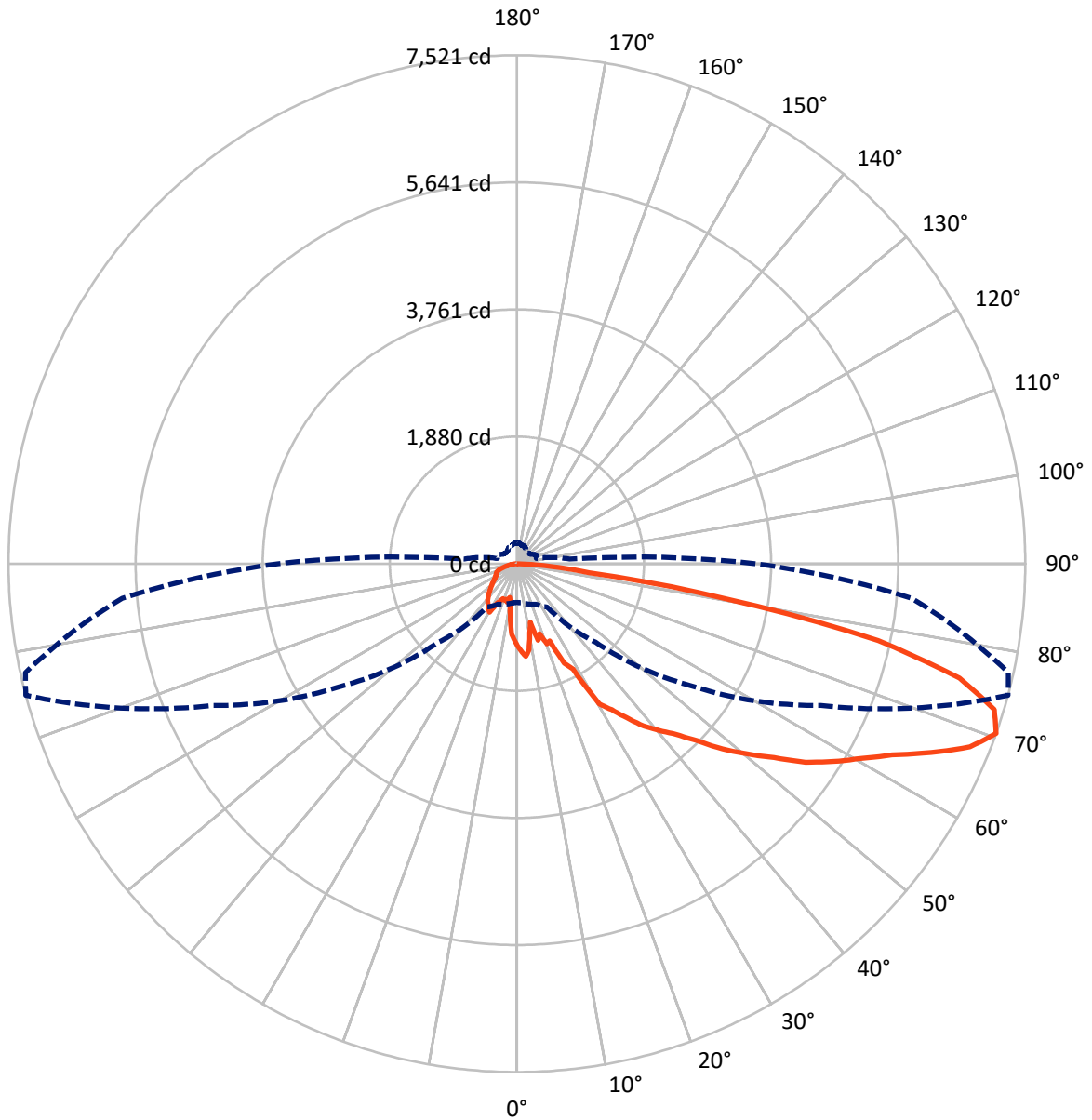


Based on 10 foot mounting height. Maximum calculated value = 19.2 fc  
 Type II - Medium - N/A

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## Luminous Intensity Polar Plot



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

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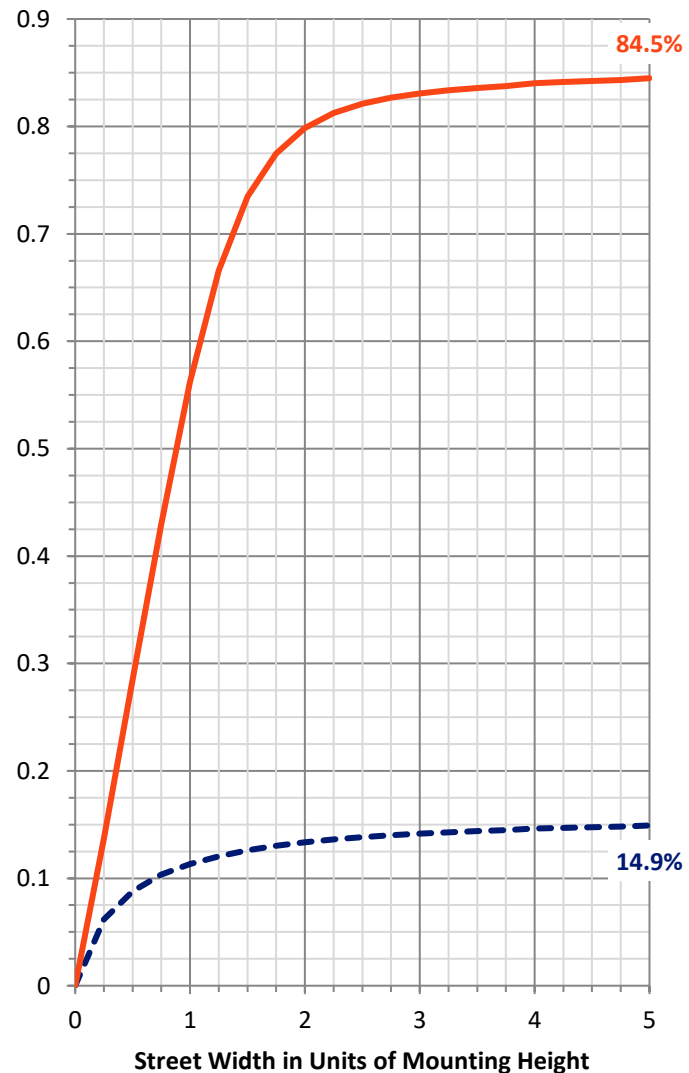
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1280.9   | 0.0    | 1280.9 |
|                    | % Fixture | 15.2     | 0.0    | 15.2   |
| <b>Street Side</b> | Lumens    | 7139.3   | 0.0    | 7139.3 |
|                    | % Fixture | 84.8     | 0.0    | 84.8   |
| <b>Total</b>       | Lumens    | 8420.1   | 0.0    | 8420.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 100.6  | 1.2       |
| 10°-20°   | 267.5  | 3.2       |
| 20°-30°   | 489.0  | 5.8       |
| 30°-40°   | 992.8  | 11.8      |
| 40°-50°   | 1523.6 | 18.1      |
| 50°-60°   | 1836.8 | 21.8      |
| 60°-70°   | 1776.4 | 21.1      |
| 70°-80°   | 1232.2 | 14.6      |
| 80°-90°   | 201.2  | 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°    | 8420.1 | 100.0     |
| 0°-180°   | 8420.1 | 100.0     |

**Coefficient of Utilization**



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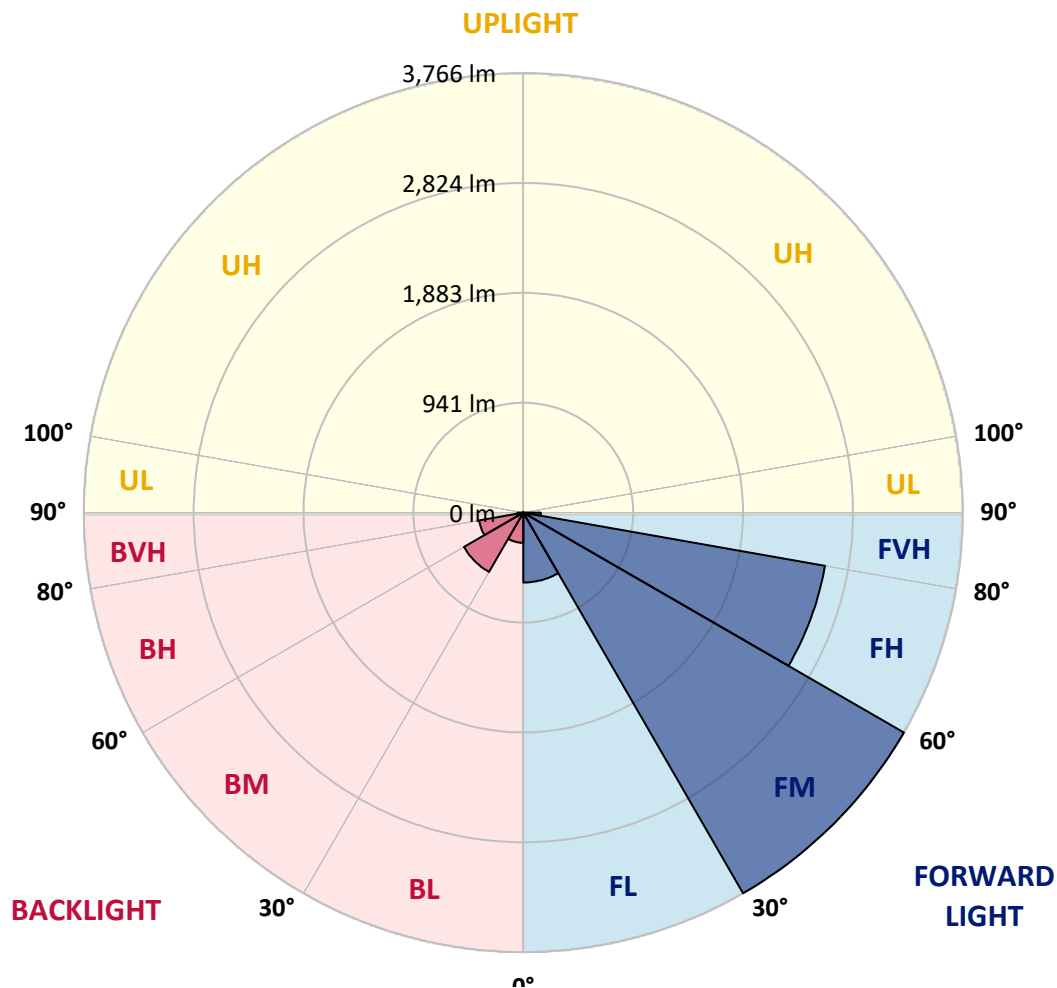
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 598.5  | 7.1       |                         |      |         |
| FM   | (30°-60°)   | 3765.7 | 44.7      |                         |      |         |
| FH   | (60°-80°)   | 2624.4 | 31.2      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 150.7  | 1.8       |                         |      | G2/225  |
| BL   | (0°-30°)    | 258.6  | 3.1       | B1/500                  |      |         |
| BM   | (30°-60°)   | 587.5  | 7.0       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 384.2  | 4.6       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 50.5   | 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°     | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 |
| 2.5°   | 1263.3 | 1384.1 | 1325.2 | 1393.4 | 1427.4 | 1405.7 | 1387.2 | 1340.7 | 1300.5 | 1285.0 | 1244.7 |
| 5°     | 1393.4 | 1390.3 | 1374.8 | 1368.6 | 1340.7 | 1306.7 | 1278.8 | 1433.6 | 1377.9 | 1350.0 | 1278.8 |
| 7.5°   | 1235.4 | 1340.7 | 1418.1 | 1458.4 | 1458.4 | 1418.1 | 1374.8 | 1185.9 | 1281.9 | 1257.1 | 1154.9 |
| 10°    | 1551.3 | 1551.3 | 1548.2 | 1551.3 | 1272.6 | 1340.7 | 1151.8 | 1071.3 | 1037.3 | 1117.8 | 1037.3 |
| 12.5°  | 1319.0 | 1433.6 | 1563.7 | 1610.1 | 1483.1 | 1266.4 | 1179.7 | 1133.3 | 888.7  | 870.1  | 919.6  |
| 15°    | 1551.3 | 1560.6 | 1572.9 | 1384.1 | 1176.6 | 1343.8 | 1028.0 | 1018.7 | 1176.6 | 1148.7 | 1161.1 |
| 17.5°  | 1244.7 | 1257.1 | 1526.5 | 1492.4 | 1368.6 | 1018.7 | 1281.9 | 1145.6 | 1086.8 | 1049.7 | 1046.6 |
| 20°    | 1569.8 | 1576.0 | 1572.9 | 1179.7 | 1263.3 | 1387.2 | 1328.3 | 1009.4 | 1266.4 | 1281.9 | 1297.4 |
| 22.5°  | 1328.3 | 1331.4 | 1346.9 | 1501.7 | 1278.8 | 1446.0 | 1198.3 | 1504.8 | 1241.6 | 1278.8 | 966.1  |
| 25°    | 1786.6 | 1786.6 | 1730.9 | 1353.1 | 1548.2 | 1319.0 | 1458.4 | 1294.3 | 1628.7 | 1585.3 | 1452.2 |
| 27.5°  | 1665.8 | 1653.4 | 1588.4 | 1675.1 | 1396.5 | 1668.9 | 1442.9 | 1625.6 | 1768.0 | 1706.1 | 1761.8 |
| 30°    | 2340.8 | 2356.3 | 2272.7 | 1740.1 | 1699.9 | 1600.8 | 1662.7 | 1925.9 | 2405.9 | 2371.8 | 2117.9 |
| 32.5°  | 3133.5 | 2988.0 | 2607.1 | 2254.1 | 1857.8 | 1953.8 | 1857.8 | 2272.7 | 2576.2 | 2582.3 | 2241.8 |
| 35°    | 3517.4 | 3505.1 | 3341.0 | 2659.8 | 2136.5 | 2136.5 | 2083.8 | 2371.8 | 2796.0 | 2755.7 | 2374.9 |
| 37.5°  | 3824.0 | 3805.4 | 3690.8 | 3006.5 | 2387.3 | 2374.9 | 2204.6 | 2523.5 | 3046.8 | 2944.6 | 2520.4 |
| 40°    | 4084.1 | 4059.3 | 3960.2 | 3248.1 | 2659.8 | 2600.9 | 2353.2 | 2696.9 | 3241.9 | 3251.2 | 2659.8 |
| 42.5°  | 4257.5 | 4248.2 | 4177.0 | 3467.9 | 2885.8 | 2780.5 | 2551.4 | 2919.9 | 3449.3 | 3502.0 | 2833.2 |
| 45°    | 4393.7 | 4390.6 | 4328.7 | 3709.4 | 3046.8 | 2944.6 | 2761.9 | 3087.1 | 3734.2 | 3765.2 | 3018.9 |
| 47.5°  | 4409.2 | 4421.6 | 4421.6 | 3830.2 | 3158.3 | 3090.1 | 2978.7 | 3235.7 | 4096.5 | 4031.4 | 3235.7 |
| 50°    | 4248.2 | 4260.6 | 4338.0 | 4031.4 | 3254.3 | 3210.9 | 3164.5 | 3415.3 | 4427.8 | 4331.8 | 3464.8 |
| 52.5°  | 3836.4 | 3864.2 | 4074.8 | 3932.4 | 3303.8 | 3300.7 | 3337.9 | 3647.5 | 4765.3 | 4663.1 | 3768.2 |
| 55°    | 2950.8 | 2969.4 | 3492.7 | 3641.3 | 3288.3 | 3322.4 | 3467.9 | 3935.5 | 5183.3 | 5093.5 | 4087.2 |
| 57.5°  | 2254.1 | 2306.8 | 2635.0 | 3090.1 | 3118.0 | 3303.8 | 3551.5 | 4136.7 | 5520.8 | 5431.0 | 4381.3 |
| 60°    | 1814.5 | 1851.6 | 2043.6 | 2443.0 | 2752.6 | 3223.3 | 3666.1 | 4387.5 | 5849.0 | 5805.6 | 4697.2 |
| 62.5°  | 1421.2 | 1446.0 | 1579.1 | 1842.3 | 2235.6 | 3034.4 | 3737.3 | 4660.0 | 6226.7 | 6205.1 | 5109.0 |
| 65°    | 1018.7 | 1043.5 | 1161.1 | 1334.5 | 1727.8 | 2678.3 | 3703.2 | 4920.1 | 6734.5 | 6712.9 | 5508.4 |
| 67.5°  | 743.1  | 749.3  | 826.7  | 944.4  | 1226.2 | 2167.4 | 3536.0 | 5084.2 | 7230.0 | 7186.6 | 5814.9 |
| 70°    | 572.8  | 579.0  | 616.2  | 659.5  | 783.4  | 1641.1 | 3145.9 | 4960.3 | 7521.0 | 7446.7 | 5861.4 |
| 72.5°  | 464.5  | 464.5  | 479.9  | 501.6  | 535.7  | 1071.3 | 2470.9 | 4474.2 | 7384.8 | 7239.2 | 5474.3 |
| 75°    | 390.1  | 390.1  | 399.4  | 393.2  | 374.7  | 668.8  | 1718.5 | 3737.3 | 6762.4 | 6579.7 | 4765.3 |
| 77.5°  | 328.2  | 325.1  | 325.1  | 328.2  | 291.1  | 455.2  | 1049.7 | 2879.6 | 5465.0 | 5288.6 | 3532.9 |
| 80°    | 269.4  | 269.4  | 269.4  | 269.4  | 238.4  | 325.1  | 625.5  | 1910.4 | 3139.7 | 2740.3 | 1619.4 |
| 82.5°  | 198.2  | 201.3  | 210.6  | 210.6  | 198.2  | 238.4  | 325.1  | 798.9  | 1074.4 | 950.6  | 572.8  |
| 85°    | 92.9   | 96.0   | 123.9  | 130.0  | 127.0  | 117.7  | 170.3  | 359.2  | 501.6  | 455.2  | 133.1  |
| 87.5°  | 3.1    | 3.1    | 12.4   | 27.9   | 24.8   | 18.6   | 34.1   | 49.5   | 18.6   | 21.7   | 15.5   |
| 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°     | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 | 1216.9 |
| 2.5°   | 1216.9 | 1189.0 | 1124.0 | 1068.2 | 1009.4 | 969.2  | 879.4  | 814.3  | 780.3  | 774.1  | 783.4  |
| 5°     | 1223.1 | 1161.1 | 1031.1 | 867.0  | 743.1  | 712.2  | 699.8  | 696.7  | 693.6  | 693.6  | 693.6  |
| 7.5°   | 1077.5 | 997.0  | 802.0  | 681.2  | 699.8  | 699.8  | 699.8  | 690.5  | 634.8  | 610.0  | 610.0  |
| 10°    | 950.6  | 845.3  | 597.6  | 551.1  | 554.2  | 582.1  | 656.4  | 733.8  | 749.3  | 752.4  | 755.5  |
| 12.5°  | 823.6  | 721.4  | 507.8  | 535.7  | 483.0  | 572.8  | 678.1  | 755.5  | 681.2  | 644.0  | 644.0  |
| 15°    | 1037.3 | 891.7  | 588.3  | 470.6  | 476.8  | 572.8  | 517.1  | 699.8  | 749.3  | 752.4  | 755.5  |
| 17.5°  | 935.1  | 786.5  | 548.1  | 495.4  | 523.3  | 436.6  | 591.4  | 662.6  | 610.0  | 603.8  | 597.6  |
| 20°    | 1136.4 | 935.1  | 572.8  | 492.3  | 489.2  | 529.5  | 501.6  | 501.6  | 681.2  | 681.2  | 681.2  |
| 22.5°  | 842.2  | 693.6  | 557.3  | 554.2  | 467.5  | 523.3  | 498.5  | 557.3  | 535.7  | 526.4  | 526.4  |
| 25°    | 1235.4 | 978.4  | 610.0  | 486.1  | 501.6  | 461.4  | 514.0  | 458.3  | 566.6  | 572.8  | 572.8  |
| 27.5°  | 1483.1 | 1148.7 | 662.6  | 538.8  | 461.4  | 495.4  | 424.2  | 461.4  | 436.6  | 439.7  | 439.7  |
| 30°    | 1768.0 | 1346.9 | 823.6  | 563.5  | 473.7  | 408.7  | 421.1  | 399.4  | 473.7  | 464.5  | 461.4  |
| 32.5°  | 1845.4 | 1359.3 | 792.7  | 597.6  | 461.4  | 411.8  | 380.9  | 411.8  | 439.7  | 479.9  | 479.9  |
| 35°    | 1935.2 | 1371.7 | 749.3  | 569.7  | 452.1  | 383.9  | 377.8  | 411.8  | 445.9  | 433.5  | 433.5  |
| 37.5°  | 2018.8 | 1381.0 | 715.3  | 535.7  | 414.9  | 374.7  | 374.7  | 380.9  | 414.9  | 396.3  | 396.3  |
| 40°    | 2114.8 | 1384.1 | 675.0  | 498.5  | 383.9  | 368.5  | 346.8  | 353.0  | 356.1  | 343.7  | 340.6  |
| 42.5°  | 2223.2 | 1381.0 | 628.6  | 464.5  | 356.1  | 343.7  | 328.2  | 328.2  | 337.5  | 334.4  | 331.3  |
| 45°    | 2340.8 | 1377.9 | 579.0  | 424.2  | 325.1  | 309.6  | 300.3  | 337.5  | 353.0  | 353.0  | 346.8  |
| 47.5°  | 2483.3 | 1377.9 | 532.6  | 377.8  | 303.4  | 278.7  | 272.5  | 312.7  | 343.7  | 349.9  | 356.1  |
| 50°    | 2647.4 | 1371.7 | 489.2  | 343.7  | 281.8  | 260.1  | 269.4  | 309.6  | 334.4  | 343.7  | 340.6  |
| 52.5°  | 2861.0 | 1359.3 | 452.1  | 315.8  | 266.3  | 238.4  | 253.9  | 300.3  | 331.3  | 334.4  | 331.3  |
| 55°    | 3046.8 | 1315.9 | 414.9  | 303.4  | 253.9  | 226.0  | 244.6  | 297.2  | 325.1  | 325.1  | 325.1  |
| 57.5°  | 3204.7 | 1254.0 | 383.9  | 294.2  | 250.8  | 222.9  | 241.5  | 294.2  | 312.7  | 322.0  | 322.0  |
| 60°    | 3396.7 | 1176.6 | 362.3  | 291.1  | 247.7  | 219.8  | 238.4  | 291.1  | 306.5  | 318.9  | 318.9  |
| 62.5°  | 3594.9 | 1111.6 | 349.9  | 291.1  | 238.4  | 222.9  | 238.4  | 291.1  | 303.4  | 318.9  | 315.8  |
| 65°    | 3755.9 | 1028.0 | 337.5  | 297.2  | 235.3  | 222.9  | 238.4  | 291.1  | 300.3  | 315.8  | 315.8  |
| 67.5°  | 3746.6 | 913.4  | 322.0  | 312.7  | 238.4  | 226.0  | 238.4  | 288.0  | 294.2  | 315.8  | 309.6  |
| 70°    | 3536.0 | 780.3  | 297.2  | 309.6  | 247.7  | 226.0  | 235.3  | 278.7  | 281.8  | 309.6  | 300.3  |
| 72.5°  | 3155.2 | 631.7  | 263.2  | 291.1  | 247.7  | 229.1  | 229.1  | 266.3  | 266.3  | 297.2  | 278.7  |
| 75°    | 2641.2 | 486.1  | 216.7  | 257.0  | 235.3  | 235.3  | 216.7  | 250.8  | 244.6  | 263.2  | 244.6  |
| 77.5°  | 1969.3 | 368.5  | 167.2  | 213.6  | 213.6  | 232.2  | 207.5  | 232.2  | 222.9  | 226.0  | 216.7  |
| 80°    | 820.5  | 222.9  | 127.0  | 167.2  | 182.7  | 226.0  | 198.2  | 210.6  | 188.9  | 188.9  | 182.7  |
| 82.5°  | 340.6  | 142.4  | 86.7   | 105.3  | 123.9  | 201.3  | 188.9  | 179.6  | 154.8  | 142.4  | 133.1  |
| 85°    | 123.9  | 77.4   | 58.8   | 71.2   | 80.5   | 139.3  | 136.2  | 114.6  | 89.8   | 99.1   | 80.5   |
| 87.5°  | 9.3    | 12.4   | 12.4   | 15.5   | 15.5   | 18.6   | 31.0   | 31.0   | 18.6   | 15.5   | 9.3    |
| 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: P560933

CATALOG NUMBER: SDL-PA1-70-750-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)