

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: P560889

Luminaire Tested: **SDL-PA1-70-730-U-T2R**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560889  
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-PA1-70-730-U-T2R  
Description: Springdale  
(1) 70 CRI, 3000K, 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: 7668.3 lumens  
Efficiency: N/A  
Efficacy: 106.2 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



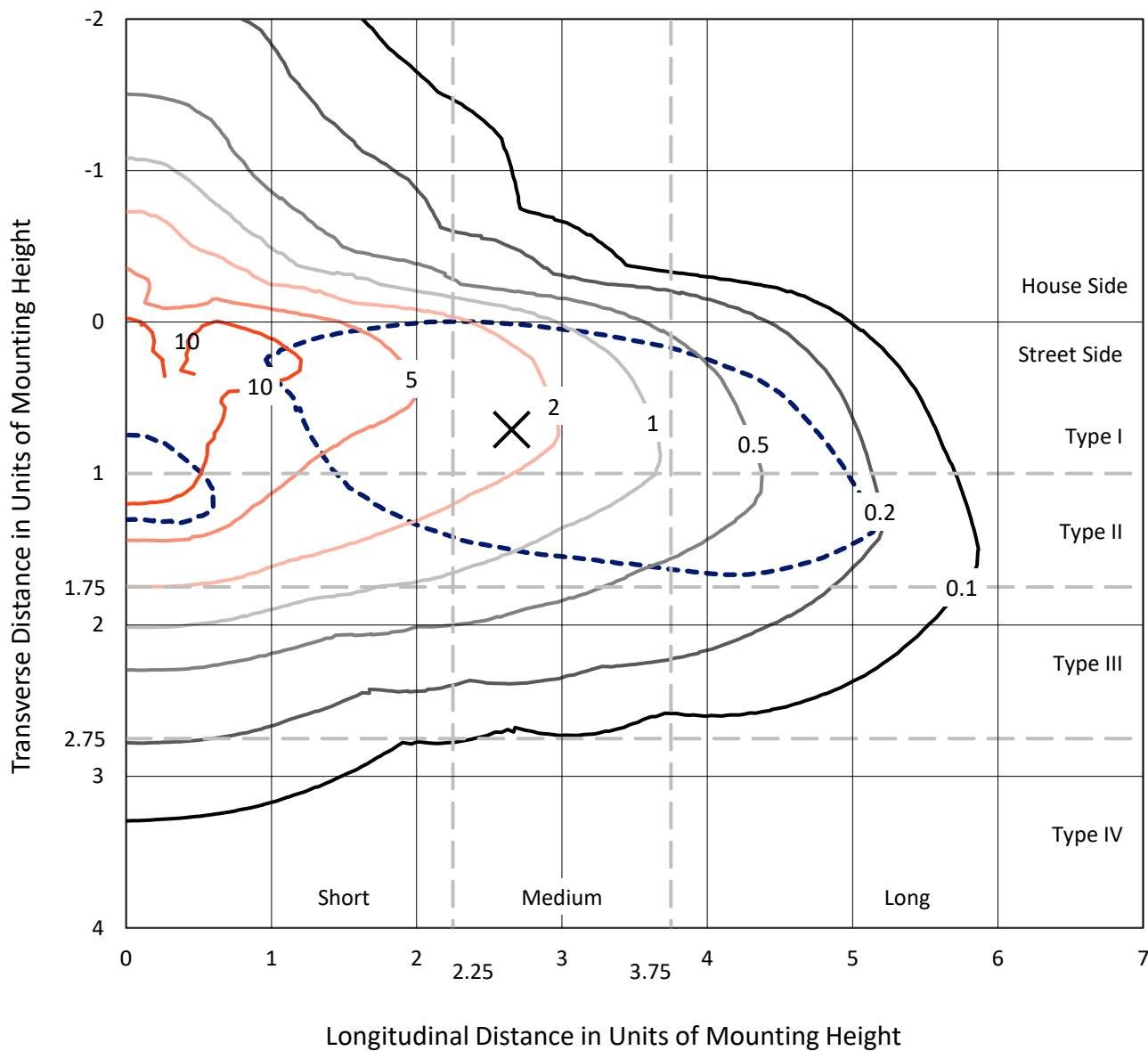
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



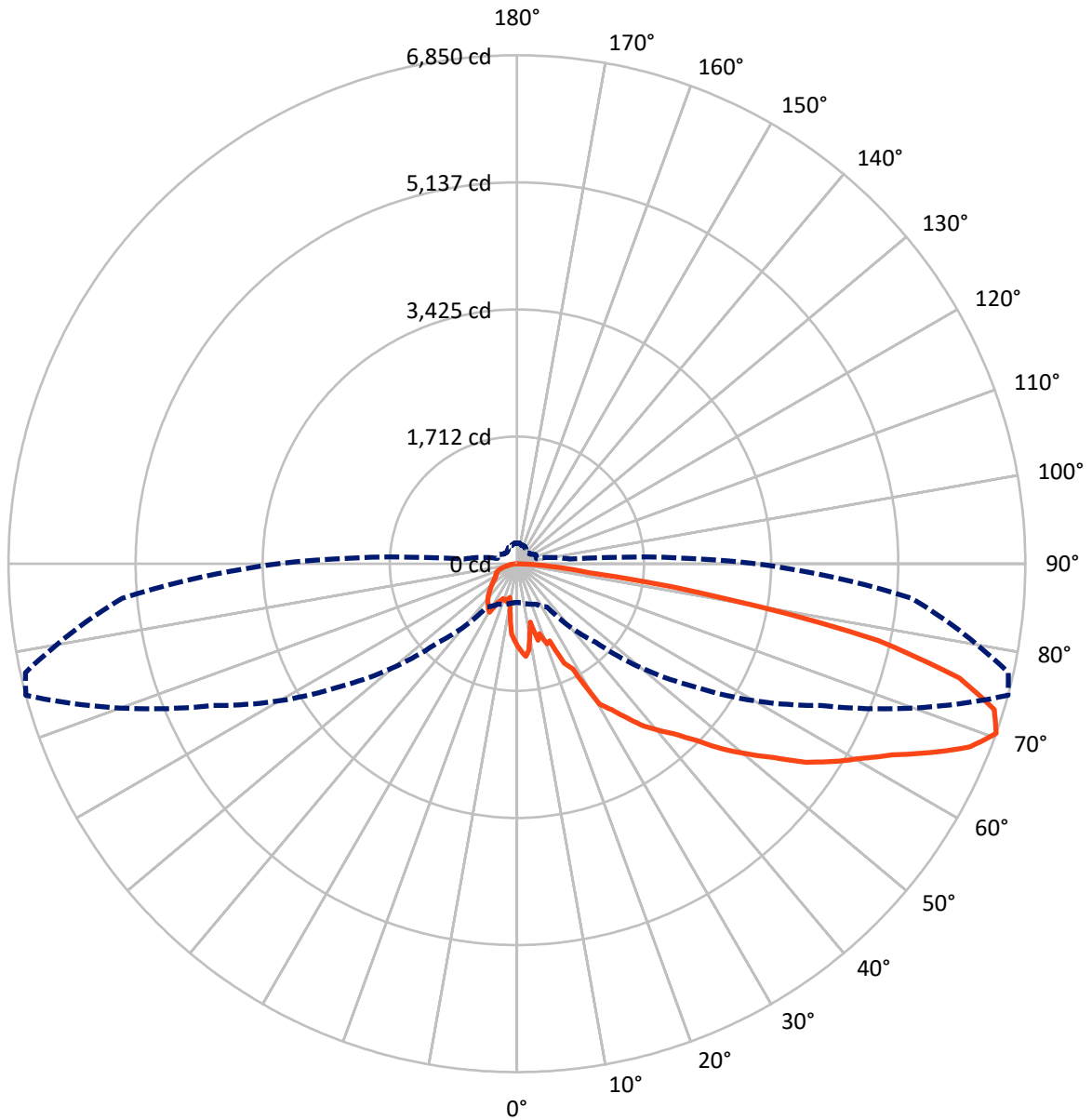
Based on 10 foot mounting height. Maximum calculated value = 17.5 fc

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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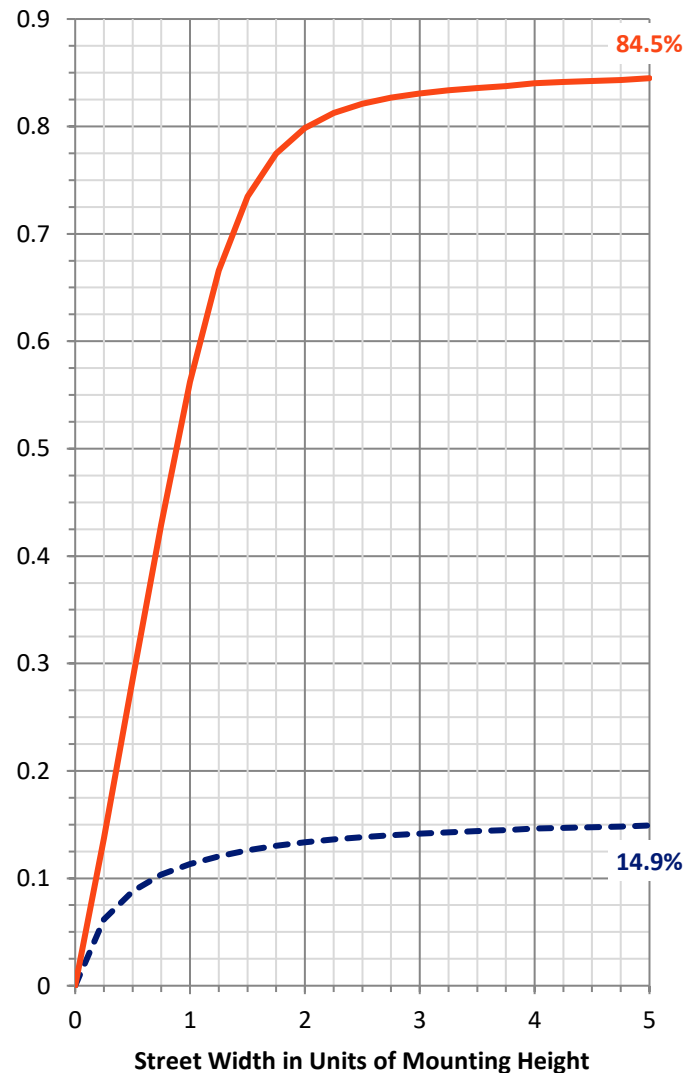
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1166.5   | 0.0    | 1166.5 |
|                    | % Fixture | 15.2     | 0.0    | 15.2   |
| <b>Street Side</b> | Lumens    | 6501.8   | 0.0    | 6501.8 |
|                    | % Fixture | 84.8     | 0.0    | 84.8   |
| <b>Total</b>       | Lumens    | 7668.3   | 0.0    | 7668.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 91.6   | 1.2       |
| 10°-20°   | 243.6  | 3.2       |
| 20°-30°   | 445.4  | 5.8       |
| 30°-40°   | 904.1  | 11.8      |
| 40°-50°   | 1387.6 | 18.1      |
| 50°-60°   | 1672.8 | 21.8      |
| 60°-70°   | 1617.8 | 21.1      |
| 70°-80°   | 1122.2 | 14.6      |
| 80°-90°   | 183.3  | 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°    | 7668.3 | 100.0     |
| 0°-180°   | 7668.3 | 100.0     |

**Coefficient of Utilization**



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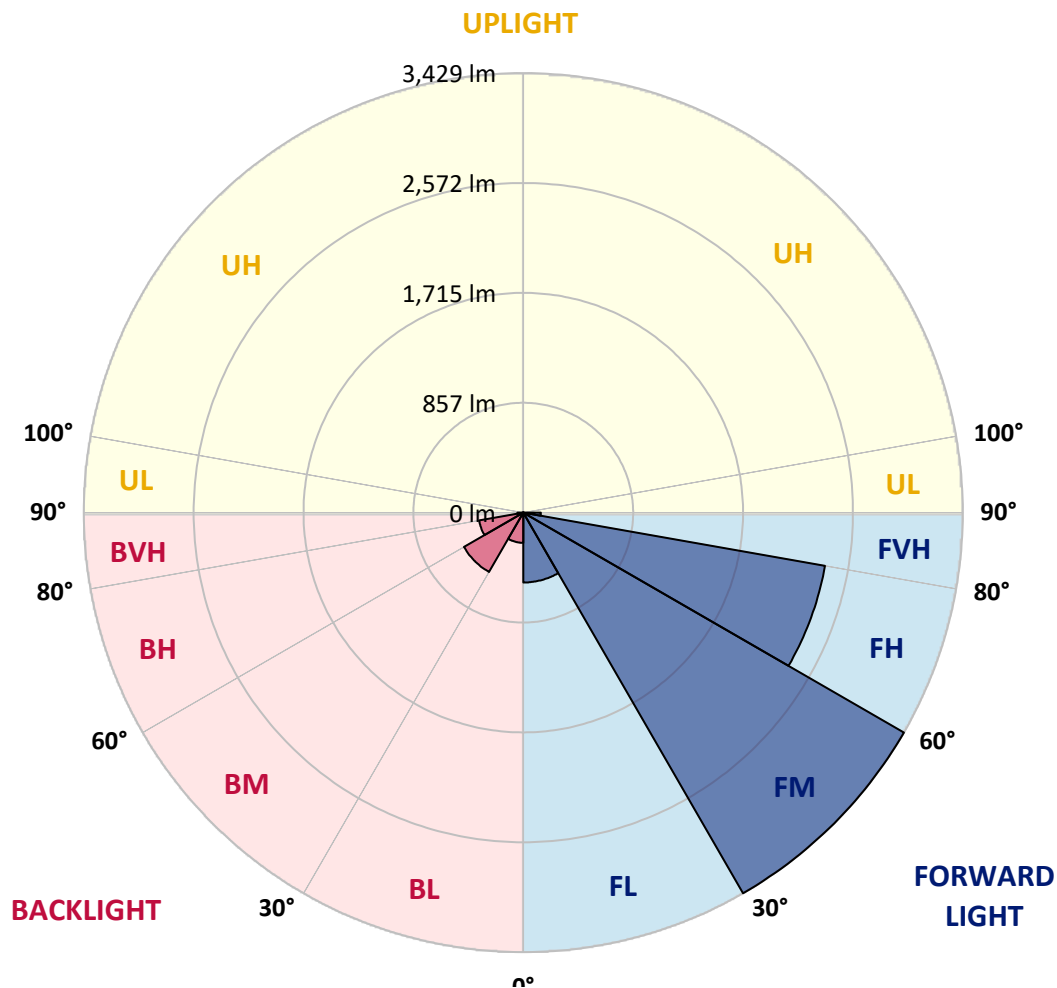
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 545.1  | 7.1       |                         |      |         |
| FM   | (30°-60°)   | 3429.5 | 44.7      |                         |      |         |
| FH   | (60°-80°)   | 2390.0 | 31.2      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 137.2  | 1.8       |                         |      | G2/225  |
| BL   | (0°-30°)    | 235.5  | 3.1       | B1/500                  |      |         |
| BM   | (30°-60°)   | 535.1  | 7.0       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 349.9  | 4.6       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 46.0   | 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°     | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 |
| 2.5°   | 1150.5 | 1260.5 | 1206.9 | 1268.9 | 1300.0 | 1280.2 | 1263.3 | 1221.0 | 1184.4 | 1170.3 | 1133.6 |
| 5°     | 1268.9 | 1266.1 | 1252.0 | 1246.4 | 1221.0 | 1190.0 | 1164.6 | 1305.6 | 1254.8 | 1229.5 | 1164.6 |
| 7.5°   | 1125.1 | 1221.0 | 1291.5 | 1328.2 | 1328.2 | 1291.5 | 1252.0 | 1080.0 | 1167.4 | 1144.9 | 1051.8 |
| 10°    | 1412.8 | 1412.8 | 1409.9 | 1412.8 | 1159.0 | 1221.0 | 1049.0 | 975.7  | 944.7  | 1018.0 | 944.7  |
| 12.5°  | 1201.3 | 1305.6 | 1424.0 | 1466.3 | 1350.7 | 1153.3 | 1074.4 | 1032.1 | 809.3  | 792.4  | 837.5  |
| 15°    | 1412.8 | 1421.2 | 1432.5 | 1260.5 | 1071.6 | 1223.8 | 936.2  | 927.7  | 1071.6 | 1046.2 | 1057.5 |
| 17.5°  | 1133.6 | 1144.9 | 1390.2 | 1359.2 | 1246.4 | 927.7  | 1167.4 | 1043.4 | 989.8  | 955.9  | 953.1  |
| 20°    | 1429.7 | 1435.3 | 1432.5 | 1074.4 | 1150.5 | 1263.3 | 1209.7 | 919.3  | 1153.3 | 1167.4 | 1181.5 |
| 22.5°  | 1209.7 | 1212.5 | 1226.6 | 1367.6 | 1164.6 | 1316.9 | 1091.3 | 1370.5 | 1130.8 | 1164.6 | 879.8  |
| 25°    | 1627.1 | 1627.1 | 1576.3 | 1232.3 | 1409.9 | 1201.3 | 1328.2 | 1178.7 | 1483.3 | 1443.8 | 1322.5 |
| 27.5°  | 1517.1 | 1505.8 | 1446.6 | 1525.6 | 1271.8 | 1519.9 | 1314.1 | 1480.4 | 1610.2 | 1553.8 | 1604.5 |
| 30°    | 2131.8 | 2145.9 | 2069.8 | 1584.8 | 1548.1 | 1457.9 | 1514.3 | 1754.0 | 2191.0 | 2160.0 | 1928.8 |
| 32.5°  | 2853.7 | 2721.2 | 2374.3 | 2052.9 | 1691.9 | 1779.3 | 1691.9 | 2069.8 | 2346.1 | 2351.8 | 2041.6 |
| 35°    | 3203.4 | 3192.1 | 3042.7 | 2422.3 | 1945.7 | 1945.7 | 1897.8 | 2160.0 | 2546.4 | 2509.7 | 2162.9 |
| 37.5°  | 3482.6 | 3465.6 | 3361.3 | 2738.1 | 2174.1 | 2162.9 | 2007.8 | 2298.2 | 2774.8 | 2681.7 | 2295.4 |
| 40°    | 3719.4 | 3696.9 | 3606.6 | 2958.1 | 2422.3 | 2368.7 | 2143.1 | 2456.1 | 2952.4 | 2960.9 | 2422.3 |
| 42.5°  | 3877.3 | 3868.9 | 3804.0 | 3158.3 | 2628.1 | 2532.3 | 2323.6 | 2659.1 | 3141.3 | 3189.3 | 2580.2 |
| 45°    | 4001.4 | 3998.6 | 3942.2 | 3378.2 | 2774.8 | 2681.7 | 2515.3 | 2811.4 | 3400.8 | 3429.0 | 2749.4 |
| 47.5°  | 4015.5 | 4026.8 | 4026.8 | 3488.2 | 2876.3 | 2814.2 | 2712.7 | 2946.8 | 3730.7 | 3671.5 | 2946.8 |
| 50°    | 3868.9 | 3880.2 | 3950.7 | 3671.5 | 2963.7 | 2924.2 | 2881.9 | 3110.3 | 4032.4 | 3945.0 | 3155.4 |
| 52.5°  | 3493.8 | 3519.2 | 3711.0 | 3581.3 | 3008.8 | 3006.0 | 3039.8 | 3321.8 | 4339.8 | 4246.7 | 3431.8 |
| 55°    | 2687.3 | 2704.3 | 3180.8 | 3316.2 | 2994.7 | 3025.7 | 3158.3 | 3584.1 | 4720.5 | 4638.7 | 3722.2 |
| 57.5°  | 2052.9 | 2100.8 | 2399.7 | 2814.2 | 2839.6 | 3008.8 | 3234.4 | 3767.4 | 5027.9 | 4946.1 | 3990.1 |
| 60°    | 1652.5 | 1686.3 | 1861.1 | 2224.9 | 2506.9 | 2935.5 | 3338.7 | 3995.8 | 5326.8 | 5287.3 | 4277.8 |
| 62.5°  | 1294.3 | 1316.9 | 1438.1 | 1677.8 | 2036.0 | 2763.5 | 3403.6 | 4243.9 | 5670.8 | 5651.0 | 4652.8 |
| 65°    | 927.7  | 950.3  | 1057.5 | 1215.4 | 1573.5 | 2439.2 | 3372.6 | 4480.8 | 6133.2 | 6113.5 | 5016.6 |
| 67.5°  | 676.8  | 682.4  | 752.9  | 860.1  | 1116.7 | 1973.9 | 3220.3 | 4630.2 | 6584.4 | 6544.9 | 5295.7 |
| 70°    | 521.7  | 527.3  | 561.2  | 600.6  | 713.4  | 1494.5 | 2865.0 | 4517.5 | 6849.5 | 6781.8 | 5338.0 |
| 72.5°  | 423.0  | 423.0  | 437.1  | 456.8  | 487.8  | 975.7  | 2250.3 | 4074.7 | 6725.4 | 6592.9 | 4985.6 |
| 75°    | 355.3  | 355.3  | 363.8  | 358.1  | 341.2  | 609.1  | 1565.0 | 3403.6 | 6158.6 | 5992.3 | 4339.8 |
| 77.5°  | 298.9  | 296.1  | 296.1  | 298.9  | 265.1  | 414.5  | 955.9  | 2622.5 | 4977.1 | 4816.4 | 3217.5 |
| 80°    | 245.3  | 245.3  | 245.3  | 245.3  | 217.1  | 296.1  | 569.6  | 1739.9 | 2859.4 | 2495.6 | 1474.8 |
| 82.5°  | 180.5  | 183.3  | 191.8  | 191.8  | 180.5  | 217.1  | 296.1  | 727.5  | 978.5  | 865.7  | 521.7  |
| 85°    | 84.6   | 87.4   | 112.8  | 118.4  | 115.6  | 107.2  | 155.1  | 327.1  | 456.8  | 414.5  | 121.3  |
| 87.5°  | 2.8    | 2.8    | 11.3   | 25.4   | 22.6   | 16.9   | 31.0   | 45.1   | 16.9   | 19.7   | 14.1   |
| 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°     | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 | 1108.2 |
| 2.5°   | 1108.2 | 1082.8 | 1023.6 | 972.9  | 919.3  | 882.6  | 800.8  | 741.6  | 710.6  | 705.0  | 713.4  |
| 5°     | 1113.9 | 1057.5 | 939.0  | 789.6  | 676.8  | 648.6  | 637.3  | 634.5  | 631.7  | 631.7  | 631.7  |
| 7.5°   | 981.3  | 908.0  | 730.3  | 620.4  | 637.3  | 637.3  | 637.3  | 628.8  | 578.1  | 555.5  | 555.5  |
| 10°    | 865.7  | 769.8  | 544.2  | 501.9  | 504.8  | 530.1  | 597.8  | 668.3  | 682.4  | 685.2  | 688.1  |
| 12.5°  | 750.1  | 657.0  | 462.5  | 487.8  | 439.9  | 521.7  | 617.6  | 688.1  | 620.4  | 586.5  | 586.5  |
| 15°    | 944.7  | 812.1  | 535.8  | 428.6  | 434.3  | 521.7  | 470.9  | 637.3  | 682.4  | 685.2  | 688.1  |
| 17.5°  | 851.6  | 716.3  | 499.1  | 451.2  | 476.6  | 397.6  | 538.6  | 603.5  | 555.5  | 549.9  | 544.2  |
| 20°    | 1034.9 | 851.6  | 521.7  | 448.4  | 445.5  | 482.2  | 456.8  | 456.8  | 620.4  | 620.4  | 620.4  |
| 22.5°  | 767.0  | 631.7  | 507.6  | 504.8  | 425.8  | 476.6  | 454.0  | 507.6  | 487.8  | 479.4  | 479.4  |
| 25°    | 1125.1 | 891.1  | 555.5  | 442.7  | 456.8  | 420.2  | 468.1  | 417.3  | 516.0  | 521.7  | 521.7  |
| 27.5°  | 1350.7 | 1046.2 | 603.5  | 490.7  | 420.2  | 451.2  | 386.3  | 420.2  | 397.6  | 400.4  | 400.4  |
| 30°    | 1610.2 | 1226.6 | 750.1  | 513.2  | 431.4  | 372.2  | 383.5  | 363.8  | 431.4  | 423.0  | 420.2  |
| 32.5°  | 1680.7 | 1237.9 | 721.9  | 544.2  | 420.2  | 375.0  | 346.8  | 375.0  | 400.4  | 437.1  | 437.1  |
| 35°    | 1762.4 | 1249.2 | 682.4  | 518.9  | 411.7  | 349.7  | 344.0  | 375.0  | 406.1  | 394.8  | 394.8  |
| 37.5°  | 1838.6 | 1257.7 | 651.4  | 487.8  | 377.9  | 341.2  | 341.2  | 346.8  | 377.9  | 360.9  | 360.9  |
| 40°    | 1926.0 | 1260.5 | 614.7  | 454.0  | 349.7  | 335.6  | 315.8  | 321.5  | 324.3  | 313.0  | 310.2  |
| 42.5°  | 2024.7 | 1257.7 | 572.4  | 423.0  | 324.3  | 313.0  | 298.9  | 298.9  | 307.4  | 304.5  | 301.7  |
| 45°    | 2131.8 | 1254.8 | 527.3  | 386.3  | 296.1  | 282.0  | 273.5  | 307.4  | 321.5  | 321.5  | 315.8  |
| 47.5°  | 2261.5 | 1254.8 | 485.0  | 344.0  | 276.3  | 253.8  | 248.1  | 284.8  | 313.0  | 318.6  | 324.3  |
| 50°    | 2411.0 | 1249.2 | 445.5  | 313.0  | 256.6  | 236.9  | 245.3  | 282.0  | 304.5  | 313.0  | 310.2  |
| 52.5°  | 2605.6 | 1237.9 | 411.7  | 287.6  | 242.5  | 217.1  | 231.2  | 273.5  | 301.7  | 304.5  | 301.7  |
| 55°    | 2774.8 | 1198.5 | 377.9  | 276.3  | 231.2  | 205.9  | 222.8  | 270.7  | 296.1  | 296.1  | 296.1  |
| 57.5°  | 2918.6 | 1142.1 | 349.7  | 267.9  | 228.4  | 203.0  | 220.0  | 267.9  | 284.8  | 293.3  | 293.3  |
| 60°    | 3093.4 | 1071.6 | 329.9  | 265.1  | 225.6  | 200.2  | 217.1  | 265.1  | 279.2  | 290.4  | 290.4  |
| 62.5°  | 3273.9 | 1012.3 | 318.6  | 265.1  | 217.1  | 203.0  | 217.1  | 265.1  | 276.3  | 290.4  | 287.6  |
| 65°    | 3420.5 | 936.2  | 307.4  | 270.7  | 214.3  | 203.0  | 217.1  | 265.1  | 273.5  | 287.6  | 287.6  |
| 67.5°  | 3412.1 | 831.9  | 293.3  | 284.8  | 217.1  | 205.9  | 217.1  | 262.2  | 267.9  | 287.6  | 282.0  |
| 70°    | 3220.3 | 710.6  | 270.7  | 282.0  | 225.6  | 205.9  | 214.3  | 253.8  | 256.6  | 282.0  | 273.5  |
| 72.5°  | 2873.5 | 575.3  | 239.7  | 265.1  | 225.6  | 208.7  | 208.7  | 242.5  | 242.5  | 270.7  | 253.8  |
| 75°    | 2405.4 | 442.7  | 197.4  | 234.1  | 214.3  | 214.3  | 197.4  | 228.4  | 222.8  | 239.7  | 222.8  |
| 77.5°  | 1793.4 | 335.6  | 152.3  | 194.6  | 194.6  | 211.5  | 188.9  | 211.5  | 203.0  | 205.9  | 197.4  |
| 80°    | 747.3  | 203.0  | 115.6  | 152.3  | 166.4  | 205.9  | 180.5  | 191.8  | 172.0  | 172.0  | 166.4  |
| 82.5°  | 310.2  | 129.7  | 79.0   | 95.9   | 112.8  | 183.3  | 172.0  | 163.6  | 141.0  | 129.7  | 121.3  |
| 85°    | 112.8  | 70.5   | 53.6   | 64.9   | 73.3   | 126.9  | 124.1  | 104.3  | 81.8   | 90.2   | 73.3   |
| 87.5°  | 8.5    | 11.3   | 11.3   | 14.1   | 14.1   | 16.9   | 28.2   | 28.2   | 16.9   | 14.1   | 8.5    |
| 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    |



REPORT NUMBER: P560889

CATALOG NUMBER: SDL-PA1-70-730-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)