

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: P559874

Luminaire Tested: **SDL-PA1-100-750-U-T2R-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559874  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-100-750-U-T2R-A  
Description: Springdale  
(1) 70 CRI, 5000K, 1200mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8459.1 lumens  
Efficiency: N/A  
Efficacy: 90.2 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 - U3 - G2

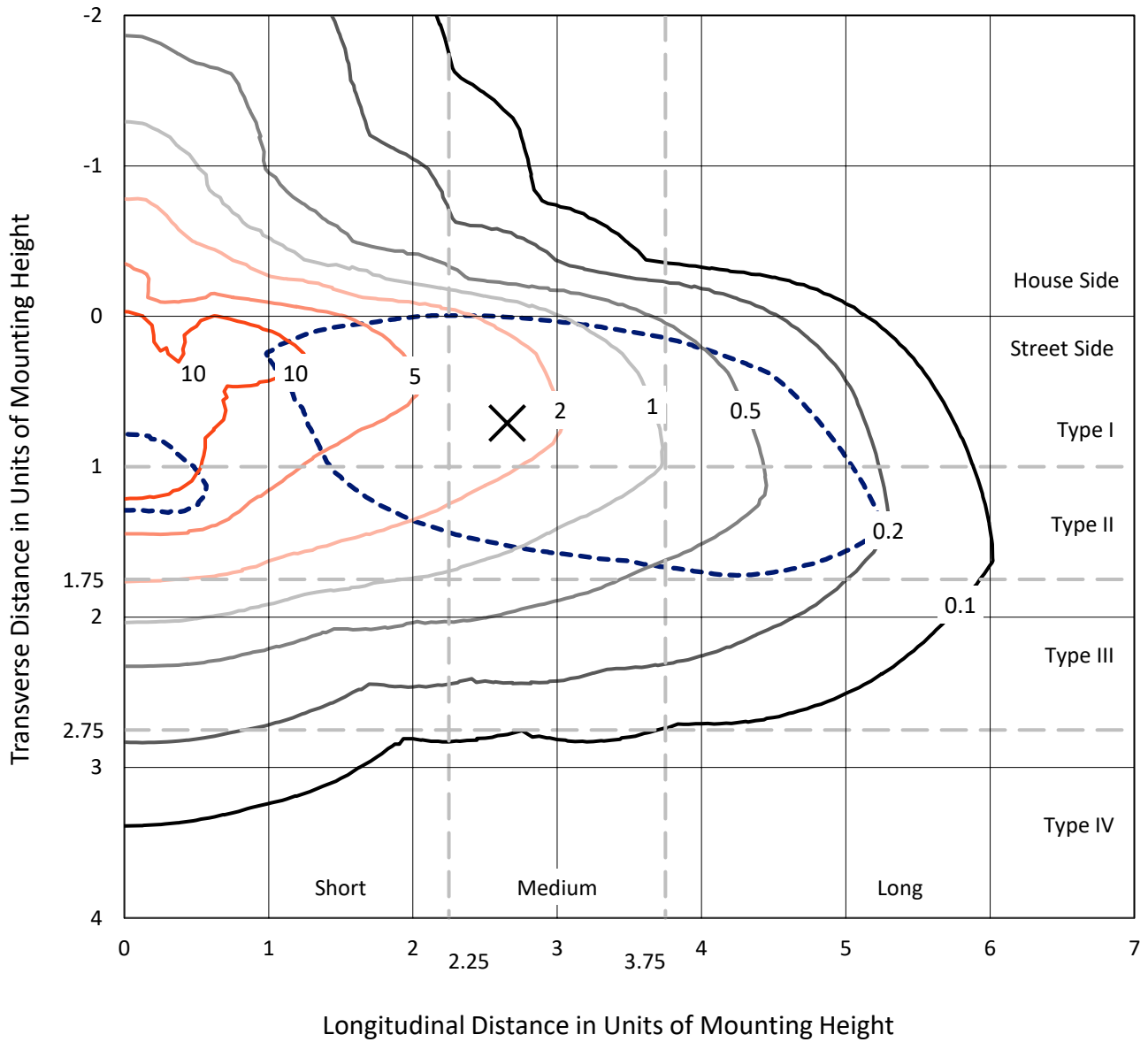
Input Watts (W): 93.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

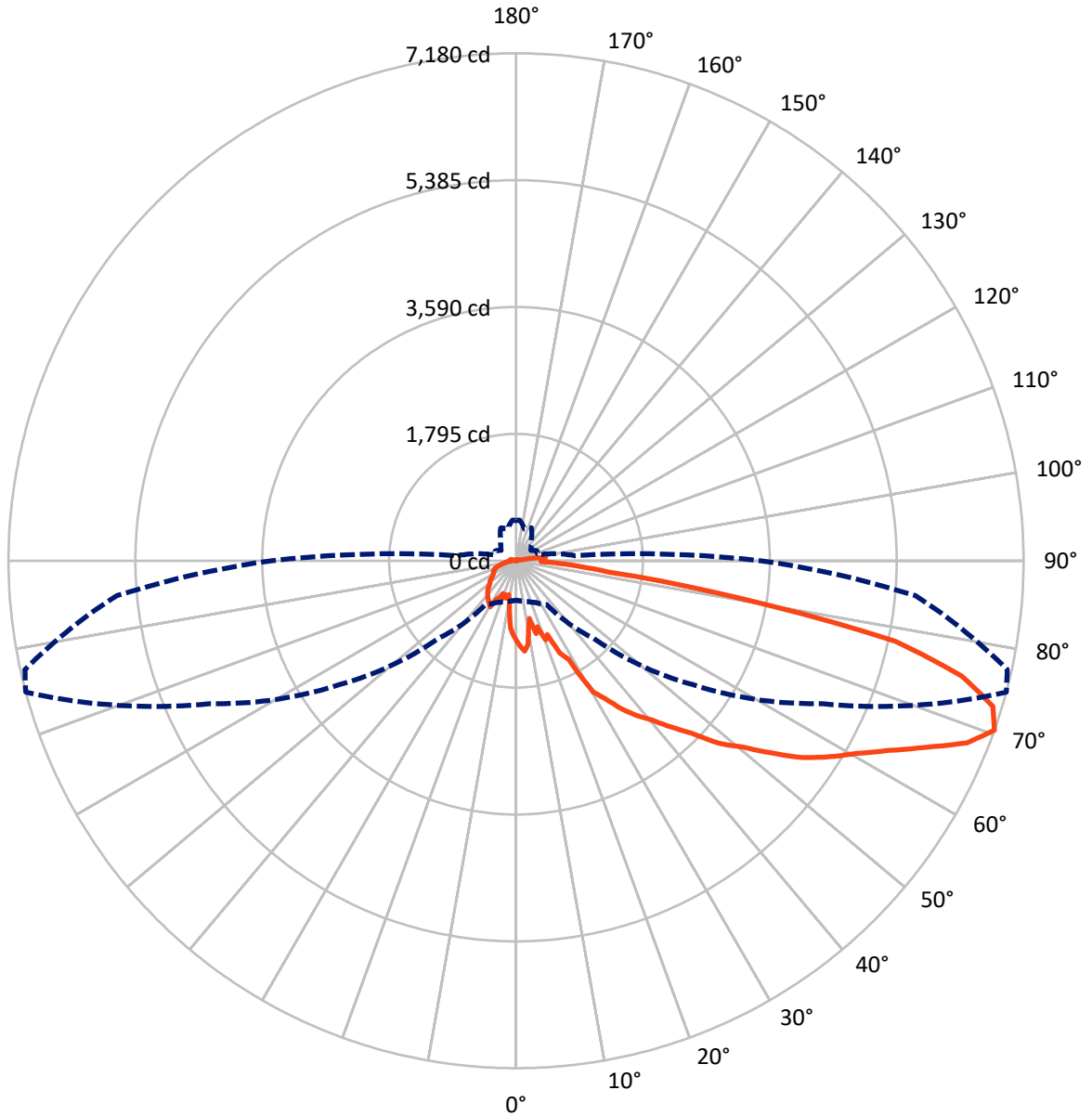
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.6 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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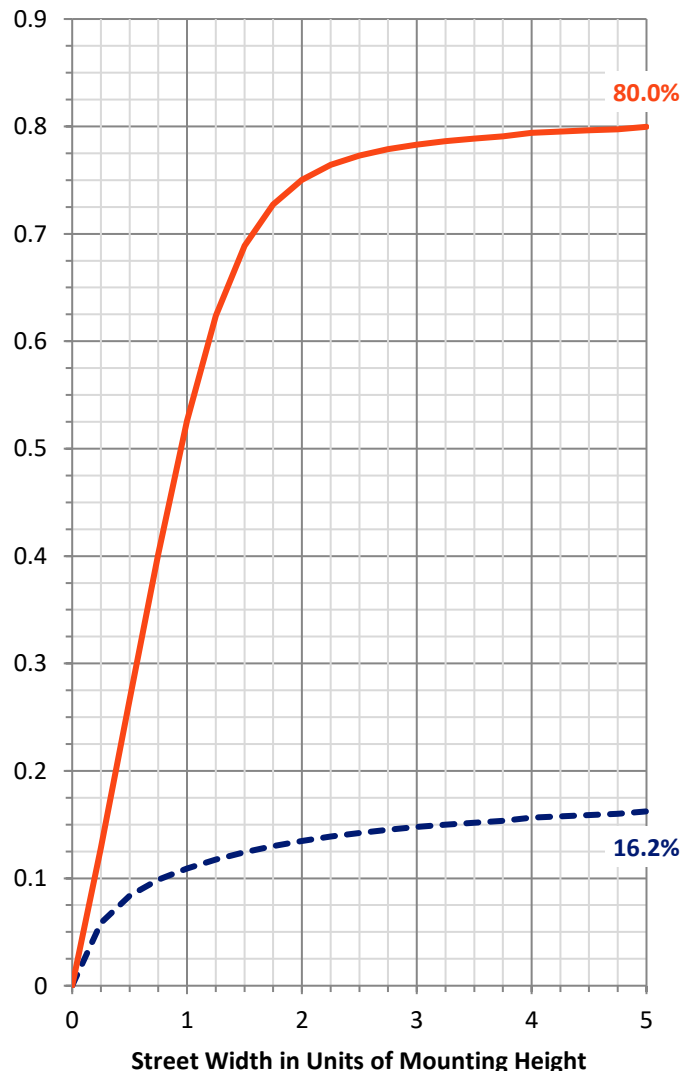
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1446.1   | 86.4   | 1532.5 |
|                    | % Fixture | 17.1     | 1.0    | 18.1   |
| <b>Street Side</b> | Lumens    | 6817.2   | 109.4  | 6926.6 |
|                    | % Fixture | 80.6     | 1.3    | 81.9   |
| <b>Total</b>       | Lumens    | 8263.3   | 195.8  | 8459.1 |
|                    | % Fixture | 97.7     | 2.3    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 94.4   | 1.1       |
| 10°-20°   | 246.7  | 2.9       |
| 20°-30°   | 445.5  | 5.3       |
| 30°-40°   | 910.2  | 10.8      |
| 40°-50°   | 1429.4 | 16.9      |
| 50°-60°   | 1755.2 | 20.7      |
| 60°-70°   | 1745.7 | 20.6      |
| 70°-80°   | 1291.2 | 15.3      |
| 80°-90°   | 345.0  | 4.1       |
| 90°-100°  | 127.5  | 1.5       |
| 100°-110° | 29.8   | 0.4       |
| 110°-120° | 14.1   | 0.2       |
| 120°-130° | 12.6   | 0.1       |
| 130°-140° | 6.1    | 0.1       |
| 140°-150° | 3.0    | 0.0       |
| 150°-160° | 2.6    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 8263.3 | 97.7      |
| 0°-180°   | 8459.1 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P559874

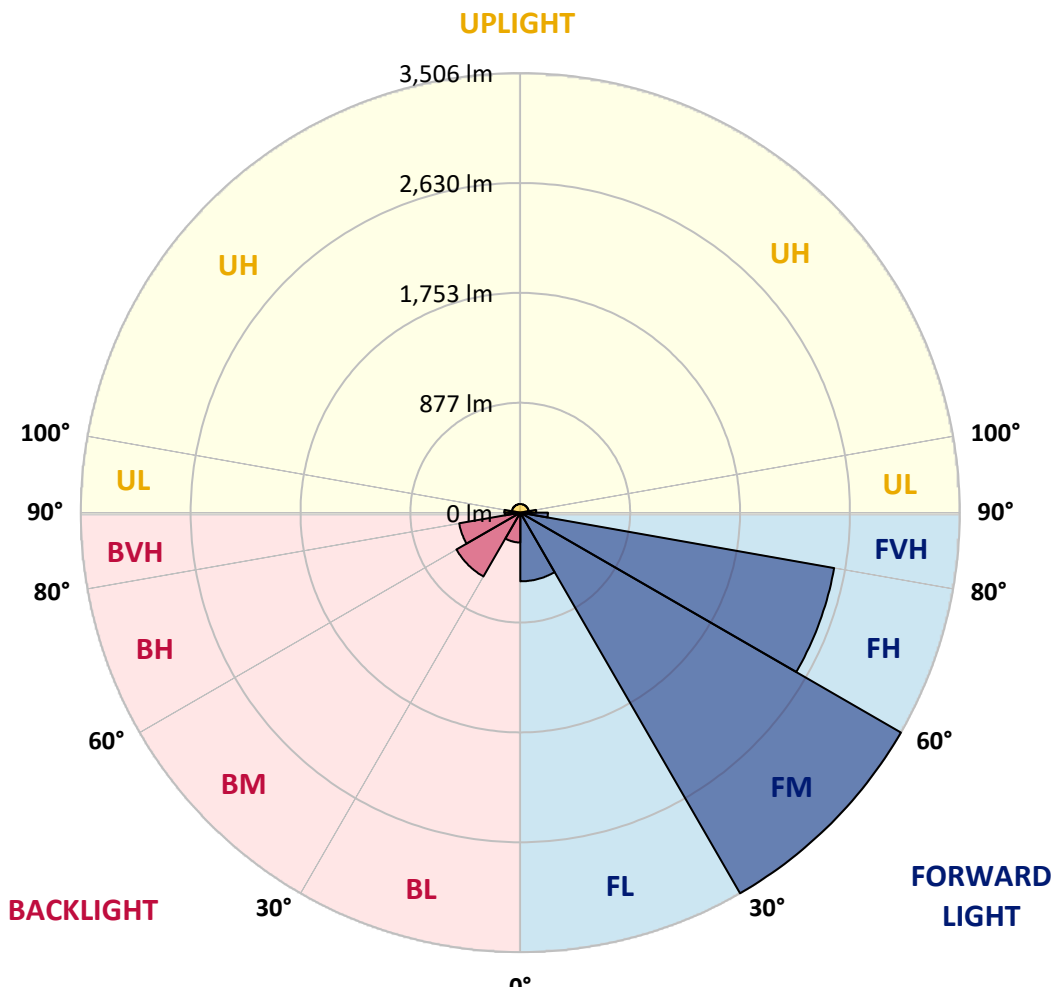
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 548.3  | 6.5       |                         |        |         |
| FM (30°-60°)   | 3506.5 | 41.5      |                         |        |         |
| FH (60°-80°)   | 2542.2 | 30.1      |                         |        | G2/5000 |
| FVH (80°-90°)  | 220.2  | 2.6       |                         |        | G2/225  |
| BL (0°-30°)    | 238.3  | 2.8       | B1/500                  |        |         |
| BM (30°-60°)   | 588.4  | 7.0       | B1/1000                 |        |         |
| BH (60°-80°)   | 494.7  | 5.8       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 124.7  | 1.5       |                         |        | G2/225  |
| UL (90°-100°)  | 127.5  | 1.5       |                         | U3/500 |         |
| UH (100°-180°) | 68.3   | 0.8       |                         | U3/500 |         |

**BUG Rating: B1-U3-G2**

Type II Medium





REPORT NUMBER: P559874

CATALOG NUMBER: SDL-PA1-100-750-U-T2R-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 |
| 2.5°   | 1176.8 | 1242.9 | 1272.7 | 1305.8 | 1335.5 | 1319.0 | 1292.5 | 1252.9 | 1216.5 | 1203.3 | 1163.6 |
| 5°     | 1299.1 | 1292.5 | 1289.2 | 1279.3 | 1262.8 | 1233.0 | 1196.7 | 1338.8 | 1282.6 | 1259.5 | 1193.4 |
| 7.5°   | 1143.8 | 1325.6 | 1345.4 | 1365.3 | 1358.6 | 1322.3 | 1276.0 | 1147.1 | 1196.7 | 1166.9 | 1084.3 |
| 10°    | 1398.3 | 1398.3 | 1391.7 | 1398.3 | 1322.3 | 1262.8 | 1081.0 | 1004.9 | 968.6  | 1047.9 | 971.9  |
| 12.5°  | 1190.1 | 1295.8 | 1428.1 | 1454.5 | 1338.8 | 1173.5 | 1097.5 | 1061.1 | 836.3  | 826.4  | 885.9  |
| 15°    | 1385.1 | 1401.6 | 1404.9 | 1411.5 | 1140.5 | 1229.7 | 1014.9 | 942.1  | 1067.7 | 1038.0 | 1047.9 |
| 17.5°  | 1114.0 | 1130.5 | 1345.4 | 1332.2 | 1226.4 | 981.8  | 1186.7 | 1064.4 | 981.8  | 945.4  | 932.2  |
| 20°    | 1401.6 | 1404.9 | 1395.0 | 1127.2 | 1183.4 | 1282.6 | 1110.7 | 1077.7 | 1196.7 | 1193.4 | 1143.8 |
| 22.5°  | 1193.4 | 1196.7 | 1233.0 | 1358.6 | 1223.1 | 1295.8 | 1117.3 | 1345.4 | 1133.9 | 1137.2 | 882.6  |
| 25°    | 1596.7 | 1600.0 | 1566.9 | 1209.9 | 1375.2 | 1216.5 | 1355.3 | 1209.9 | 1447.9 | 1401.6 | 1292.5 |
| 27.5°  | 1676.0 | 1553.7 | 1428.1 | 1500.8 | 1312.4 | 1510.7 | 1289.2 | 1464.4 | 1573.5 | 1563.6 | 1580.1 |
| 30°    | 2125.6 | 2132.2 | 2046.2 | 1642.9 | 1537.2 | 1490.9 | 1487.6 | 1738.8 | 2155.3 | 2171.8 | 1897.5 |
| 32.5°  | 2879.3 | 2839.6 | 2416.5 | 2026.4 | 1656.2 | 1818.1 | 1669.4 | 2013.2 | 2330.5 | 2320.6 | 2033.0 |
| 35°    | 3223.1 | 3183.4 | 3024.7 | 2502.4 | 1914.0 | 1963.6 | 1884.2 | 2142.1 | 2571.8 | 2495.8 | 2168.5 |
| 37.5°  | 3514.0 | 3507.3 | 3375.1 | 2757.0 | 2175.2 | 2247.9 | 2013.2 | 2300.8 | 2780.1 | 2700.8 | 2307.4 |
| 40°    | 3765.2 | 3742.1 | 3626.4 | 2985.0 | 2442.9 | 2446.2 | 2175.2 | 2492.5 | 2965.2 | 2985.0 | 2442.9 |
| 42.5°  | 3973.5 | 3953.6 | 3857.8 | 3213.1 | 2601.6 | 2621.4 | 2347.0 | 2687.5 | 3213.1 | 3249.5 | 2654.5 |
| 45°    | 4059.4 | 4069.3 | 4003.2 | 3418.1 | 2743.7 | 2780.1 | 2552.0 | 2885.9 | 3477.6 | 3507.3 | 2842.9 |
| 47.5°  | 4122.2 | 4125.5 | 4109.0 | 3586.7 | 2895.8 | 2912.3 | 2753.6 | 3064.4 | 3861.1 | 3801.6 | 3064.4 |
| 50°    | 3980.1 | 3966.8 | 3983.4 | 3715.6 | 3028.0 | 3047.9 | 2922.2 | 3249.5 | 4135.4 | 4059.4 | 3295.8 |
| 52.5°  | 3606.5 | 3623.0 | 3794.9 | 3649.5 | 3071.0 | 3110.7 | 3080.9 | 3411.5 | 4515.6 | 4456.1 | 3626.4 |
| 55°    | 2667.7 | 2740.4 | 3236.3 | 3378.4 | 3067.7 | 3137.1 | 3226.4 | 3718.9 | 4915.6 | 4826.3 | 3907.3 |
| 57.5°  | 2158.6 | 2158.6 | 2449.5 | 2915.6 | 2899.1 | 3120.6 | 3375.1 | 3927.2 | 5232.9 | 5170.1 | 4188.3 |
| 60°    | 1732.2 | 1732.2 | 1890.9 | 2314.0 | 2571.8 | 3037.9 | 3527.2 | 4234.6 | 5533.7 | 5497.4 | 4436.3 |
| 62.5°  | 1358.6 | 1355.3 | 1487.6 | 1725.6 | 2109.0 | 2856.1 | 3606.5 | 4499.1 | 5910.6 | 5904.0 | 4832.9 |
| 65°    | 981.8  | 995.0  | 1107.4 | 1256.2 | 1656.2 | 2515.6 | 3603.2 | 4737.1 | 6363.5 | 6383.3 | 5279.2 |
| 67.5°  | 727.3  | 733.9  | 796.7  | 905.8  | 1137.2 | 2085.9 | 3444.5 | 4902.4 | 6875.9 | 6842.8 | 5563.5 |
| 70°    | 558.7  | 568.6  | 595.0  | 651.2  | 757.0  | 1550.4 | 3061.1 | 4786.7 | 7180.0 | 7117.2 | 5669.3 |
| 72.5°  | 469.4  | 472.7  | 469.4  | 499.2  | 505.8  | 1051.2 | 2452.8 | 4347.0 | 7054.4 | 6955.2 | 5378.4 |
| 75°    | 400.0  | 396.7  | 393.4  | 400.0  | 373.5  | 694.2  | 1758.6 | 3679.2 | 6512.2 | 6340.3 | 4750.3 |
| 77.5°  | 343.8  | 340.5  | 327.3  | 330.6  | 297.5  | 512.4  | 1200.0 | 2885.9 | 5487.5 | 5084.2 | 3570.2 |
| 80°    | 284.3  | 284.3  | 274.4  | 274.4  | 251.2  | 390.1  | 766.9  | 1990.0 | 3196.6 | 2876.0 | 1857.8 |
| 82.5°  | 221.5  | 218.2  | 218.2  | 224.8  | 214.9  | 304.1  | 502.5  | 991.7  | 1319.0 | 1236.3 | 869.4  |
| 85°    | 119.0  | 119.0  | 135.5  | 152.1  | 148.8  | 185.1  | 383.5  | 585.1  | 780.1  | 753.7  | 485.9  |
| 87.5°  | 36.4   | 36.4   | 39.7   | 49.6   | 52.9   | 99.2   | 241.3  | 284.3  | 353.7  | 390.1  | 383.5  |
| 90°    | 39.7   | 36.4   | 26.4   | 29.8   | 33.1   | 72.7   | 224.8  | 274.4  | 357.0  | 396.7  | 406.6  |
| 92.5°  | 46.3   | 43.0   | 26.4   | 26.4   | 33.1   | 59.5   | 214.9  | 267.8  | 390.1  | 429.7  | 439.7  |
| 95°    | 49.6   | 46.3   | 26.4   | 26.4   | 33.1   | 52.9   | 191.7  | 264.5  | 416.5  | 469.4  | 469.4  |
| 97.5°  | 46.3   | 43.0   | 19.8   | 23.1   | 29.8   | 46.3   | 148.8  | 218.2  | 290.9  | 320.7  | 370.2  |
| 100°   | 39.7   | 39.7   | 13.2   | 19.8   | 26.4   | 33.1   | 85.9   | 119.0  | 85.9   | 82.6   | 82.6   |
| 102.5° | 36.4   | 36.4   | 13.2   | 16.5   | 19.8   | 23.1   | 39.7   | 62.8   | 19.8   | 23.1   | 29.8   |
| 105°   | 36.4   | 39.7   | 9.9    | 13.2   | 13.2   | 13.2   | 19.8   | 33.1   | 16.5   | 19.8   | 29.8   |
| 107.5° | 36.4   | 39.7   | 9.9    | 9.9    | 13.2   | 9.9    | 9.9    | 13.2   | 16.5   | 19.8   | 33.1   |



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 CATALOG NUMBER: SDL-PA1-100-750-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35° | 45° | 55° | 65°  | 75°  | 77.5° | 85°  |
|--------|------|------|------|------|-----|-----|-----|------|------|-------|------|
| 112.5° | 23.1 | 23.1 | 6.6  | 9.9  | 9.9 | 9.9 | 6.6 | 9.9  | 16.5 | 23.1  | 33.1 |
| 115°   | 16.5 | 13.2 | 6.6  | 9.9  | 6.6 | 9.9 | 6.6 | 9.9  | 16.5 | 23.1  | 29.8 |
| 117.5° | 13.2 | 9.9  | 6.6  | 6.6  | 6.6 | 6.6 | 3.3 | 9.9  | 19.8 | 26.4  | 36.4 |
| 120°   | 13.2 | 13.2 | 6.6  | 6.6  | 6.6 | 6.6 | 3.3 | 9.9  | 29.8 | 33.1  | 46.3 |
| 122.5° | 13.2 | 13.2 | 6.6  | 6.6  | 6.6 | 6.6 | 3.3 | 6.6  | 26.4 | 36.4  | 49.6 |
| 125°   | 13.2 | 13.2 | 6.6  | 6.6  | 6.6 | 6.6 | 3.3 | 6.6  | 23.1 | 33.1  | 43.0 |
| 127.5° | 13.2 | 13.2 | 6.6  | 3.3  | 6.6 | 6.6 | 6.6 | 6.6  | 19.8 | 26.4  | 36.4 |
| 130°   | 13.2 | 13.2 | 6.6  | 3.3  | 6.6 | 6.6 | 6.6 | 6.6  | 16.5 | 19.8  | 29.8 |
| 132.5° | 9.9  | 9.9  | 6.6  | 3.3  | 6.6 | 3.3 | 3.3 | 6.6  | 13.2 | 16.5  | 23.1 |
| 135°   | 6.6  | 6.6  | 6.6  | 3.3  | 6.6 | 3.3 | 3.3 | 3.3  | 6.6  | 9.9   | 16.5 |
| 137.5° | 3.3  | 6.6  | 3.3  | 3.3  | 6.6 | 3.3 | 3.3 | 3.3  | 3.3  | 3.3   | 6.6  |
| 140°   | 3.3  | 3.3  | 3.3  | 3.3  | 6.6 | 3.3 | 3.3 | 3.3  | 3.3  | 3.3   | 3.3  |
| 142.5° | 3.3  | 3.3  | 3.3  | 3.3  | 6.6 | 6.6 | 3.3 | 3.3  | 3.3  | 3.3   | 3.3  |
| 145°   | 3.3  | 3.3  | 3.3  | 3.3  | 9.9 | 6.6 | 3.3 | 3.3  | 3.3  | 3.3   | 3.3  |
| 147.5° | 3.3  | 3.3  | 3.3  | 13.2 | 9.9 | 6.6 | 3.3 | 3.3  | 3.3  | 3.3   | 3.3  |
| 150°   | 16.5 | 16.5 | 16.5 | 13.2 | 9.9 | 6.6 | 9.9 | 3.3  | 3.3  | 3.3   | 3.3  |
| 152.5° | 16.5 | 16.5 | 19.8 | 9.9  | 6.6 | 3.3 | 3.3 | 13.2 | 9.9  | 6.6   | 6.6  |
| 155°   | 13.2 | 9.9  | 9.9  | 3.3  | 3.3 | 3.3 | 3.3 | 3.3  | 9.9  | 13.2  | 13.2 |
| 157.5° | 3.3  | 3.3  | 6.6  | 3.3  | 3.3 | 3.3 | 3.3 | 3.3  | 6.6  | 3.3   | 3.3  |
| 160°   | 0.0  | 0.0  | 0.0  | 3.3  | 3.3 | 3.3 | 3.3 | 3.3  | 3.3  | 3.3   | 3.3  |
| 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  |





REPORT NUMBER: P559874

CATALOG NUMBER: SDL-PA1-100-750-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 | 1133.9 |
| 2.5°   | 1140.5 | 1114.0 | 1051.2 | 1004.9 | 948.7  | 899.2  | 856.2  | 760.3  | 743.8  | 733.9  | 730.6  |
| 5°     | 1140.5 | 1084.3 | 962.0  | 813.2  | 697.5  | 671.1  | 657.8  | 657.8  | 651.2  | 654.5  | 657.8  |
| 7.5°   | 1011.5 | 935.5  | 750.4  | 634.7  | 654.5  | 654.5  | 657.8  | 641.3  | 588.4  | 595.0  | 585.1  |
| 10°    | 885.9  | 790.1  | 565.3  | 515.7  | 565.3  | 568.6  | 644.6  | 674.4  | 684.3  | 687.6  | 687.6  |
| 12.5°  | 816.5  | 681.0  | 489.2  | 505.8  | 456.2  | 522.3  | 614.9  | 687.6  | 624.8  | 591.7  | 591.7  |
| 15°    | 938.8  | 806.6  | 548.7  | 443.0  | 449.6  | 522.3  | 466.1  | 651.2  | 674.4  | 681.0  | 681.0  |
| 17.5°  | 843.0  | 710.7  | 502.5  | 456.2  | 502.5  | 429.7  | 525.6  | 598.3  | 571.9  | 542.1  | 538.8  |
| 20°    | 1011.5 | 839.6  | 562.0  | 446.3  | 443.0  | 509.1  | 466.1  | 489.2  | 611.6  | 614.9  | 611.6  |
| 22.5°  | 786.8  | 671.1  | 499.2  | 505.8  | 443.0  | 485.9  | 459.5  | 505.8  | 482.6  | 479.3  | 482.6  |
| 25°    | 1090.9 | 869.4  | 575.2  | 436.4  | 462.8  | 429.7  | 462.8  | 426.4  | 512.4  | 519.0  | 522.3  |
| 27.5°  | 1335.5 | 1038.0 | 611.6  | 472.7  | 403.3  | 439.7  | 413.2  | 426.4  | 396.7  | 413.2  | 419.8  |
| 30°    | 1590.0 | 1209.9 | 747.1  | 522.3  | 426.4  | 376.8  | 383.5  | 380.2  | 429.7  | 426.4  | 419.8  |
| 32.5°  | 1672.7 | 1233.0 | 714.0  | 545.4  | 423.1  | 380.2  | 350.4  | 373.5  | 409.9  | 439.7  | 443.0  |
| 35°    | 1755.3 | 1249.6 | 687.6  | 522.3  | 413.2  | 357.0  | 343.8  | 383.5  | 413.2  | 416.5  | 426.4  |
| 37.5°  | 1851.2 | 1262.8 | 661.1  | 489.2  | 383.5  | 350.4  | 340.5  | 357.0  | 423.1  | 416.5  | 406.6  |
| 40°    | 1940.4 | 1269.4 | 628.1  | 459.5  | 350.4  | 343.8  | 317.3  | 357.0  | 373.5  | 386.8  | 393.4  |
| 42.5°  | 2099.1 | 1309.1 | 601.6  | 433.0  | 327.3  | 327.3  | 304.1  | 333.9  | 383.5  | 390.1  | 386.8  |
| 45°    | 2214.8 | 1295.8 | 565.3  | 409.9  | 304.1  | 290.9  | 297.5  | 363.6  | 386.8  | 426.4  | 419.8  |
| 47.5°  | 2380.1 | 1328.9 | 522.3  | 373.5  | 284.3  | 267.8  | 281.0  | 353.7  | 396.7  | 426.4  | 433.0  |
| 50°    | 2542.1 | 1322.3 | 485.9  | 343.8  | 271.1  | 254.5  | 310.7  | 343.8  | 390.1  | 439.7  | 439.7  |
| 52.5°  | 2753.6 | 1332.2 | 469.4  | 317.3  | 254.5  | 254.5  | 320.7  | 347.1  | 400.0  | 433.0  | 433.0  |
| 55°    | 2942.1 | 1295.8 | 429.7  | 307.4  | 251.2  | 244.6  | 324.0  | 360.3  | 403.3  | 433.0  | 436.4  |
| 57.5°  | 3080.9 | 1223.1 | 400.0  | 297.5  | 247.9  | 251.2  | 324.0  | 390.1  | 376.8  | 433.0  | 443.0  |
| 60°    | 3233.0 | 1143.8 | 373.5  | 297.5  | 247.9  | 261.2  | 333.9  | 413.2  | 413.2  | 452.9  | 452.9  |
| 62.5°  | 3441.2 | 1094.2 | 360.3  | 300.8  | 241.3  | 271.1  | 363.6  | 449.6  | 416.5  | 479.3  | 482.6  |
| 65°    | 3616.4 | 1028.1 | 350.4  | 314.0  | 244.6  | 284.3  | 380.2  | 479.3  | 436.4  | 509.1  | 505.8  |
| 67.5°  | 3619.7 | 928.9  | 337.2  | 327.3  | 247.9  | 294.2  | 380.2  | 499.2  | 459.5  | 535.5  | 525.6  |
| 70°    | 3461.1 | 829.7  | 317.3  | 327.3  | 257.8  | 304.1  | 380.2  | 512.4  | 462.8  | 578.5  | 568.6  |
| 72.5°  | 3120.6 | 677.7  | 287.6  | 314.0  | 274.4  | 317.3  | 400.0  | 509.1  | 462.8  | 624.8  | 614.9  |
| 75°    | 2654.5 | 542.1  | 247.9  | 287.6  | 274.4  | 333.9  | 413.2  | 505.8  | 446.3  | 595.0  | 575.2  |
| 77.5°  | 2019.8 | 443.0  | 208.3  | 251.2  | 261.2  | 340.5  | 413.2  | 499.2  | 433.0  | 555.4  | 542.1  |
| 80°    | 1041.3 | 310.7  | 168.6  | 214.9  | 244.6  | 333.9  | 409.9  | 472.7  | 386.8  | 492.5  | 485.9  |
| 82.5°  | 571.9  | 228.1  | 135.5  | 158.7  | 205.0  | 314.0  | 396.7  | 426.4  | 340.5  | 403.3  | 386.8  |
| 85°    | 370.2  | 165.3  | 109.1  | 128.9  | 171.9  | 261.2  | 333.9  | 337.2  | 241.3  | 290.9  | 274.4  |
| 87.5°  | 277.7  | 95.9   | 69.4   | 79.3   | 119.0  | 145.5  | 211.6  | 218.2  | 152.1  | 178.5  | 168.6  |
| 90°    | 290.9  | 95.9   | 72.7   | 82.6   | 105.8  | 109.1  | 155.4  | 165.3  | 119.0  | 135.5  | 135.5  |
| 92.5°  | 310.7  | 95.9   | 76.0   | 85.9   | 95.9   | 85.9   | 122.3  | 135.5  | 99.2   | 109.1  | 105.8  |
| 95°    | 317.3  | 92.6   | 82.6   | 89.3   | 85.9   | 69.4   | 99.2   | 109.1  | 82.6   | 82.6   | 82.6   |
| 97.5°  | 231.4  | 66.1   | 82.6   | 89.3   | 79.3   | 56.2   | 76.0   | 85.9   | 52.9   | 43.0   | 43.0   |
| 100°   | 62.8   | 33.1   | 79.3   | 85.9   | 69.4   | 46.3   | 66.1   | 66.1   | 33.1   | 23.1   | 23.1   |
| 102.5° | 26.4   | 26.4   | 69.4   | 76.0   | 52.9   | 29.8   | 46.3   | 46.3   | 23.1   | 9.9    | 9.9    |
| 105°   | 26.4   | 19.8   | 49.6   | 56.2   | 36.4   | 16.5   | 23.1   | 26.4   | 16.5   | 9.9    | 9.9    |
| 107.5° | 26.4   | 19.8   | 23.1   | 29.8   | 16.5   | 13.2   | 13.2   | 13.2   | 9.9    | 9.9    | 9.9    |



REPORT NUMBER: P559874  
 CATALOG NUMBER: SDL-PA1-100-750-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 33.1 | 23.1 | 13.2 | 16.5 | 13.2 | 9.9  | 9.9  | 9.9  | 13.2 | 29.8 | 29.8 |
| 115°   | 29.8 | 19.8 | 13.2 | 13.2 | 9.9  | 9.9  | 6.6  | 6.6  | 13.2 | 36.4 | 36.4 |
| 117.5° | 33.1 | 23.1 | 13.2 | 13.2 | 9.9  | 6.6  | 6.6  | 6.6  | 16.5 | 43.0 | 43.0 |
| 120°   | 39.7 | 26.4 | 13.2 | 9.9  | 6.6  | 6.6  | 6.6  | 6.6  | 19.8 | 46.3 | 46.3 |
| 122.5° | 43.0 | 29.8 | 13.2 | 9.9  | 6.6  | 3.3  | 6.6  | 9.9  | 23.1 | 46.3 | 46.3 |
| 125°   | 36.4 | 26.4 | 13.2 | 9.9  | 6.6  | 3.3  | 6.6  | 9.9  | 23.1 | 43.0 | 46.3 |
| 127.5° | 33.1 | 23.1 | 13.2 | 6.6  | 6.6  | 3.3  | 3.3  | 9.9  | 19.8 | 33.1 | 39.7 |
| 130°   | 26.4 | 19.8 | 9.9  | 6.6  | 6.6  | 3.3  | 3.3  | 6.6  | 19.8 | 29.8 | 36.4 |
| 132.5° | 23.1 | 16.5 | 9.9  | 6.6  | 6.6  | 3.3  | 3.3  | 6.6  | 19.8 | 26.4 | 26.4 |
| 135°   | 16.5 | 13.2 | 6.6  | 6.6  | 6.6  | 3.3  | 6.6  | 3.3  | 13.2 | 23.1 | 23.1 |
| 137.5° | 9.9  | 6.6  | 6.6  | 6.6  | 6.6  | 3.3  | 3.3  | 3.3  | 9.9  | 13.2 | 13.2 |
| 140°   | 3.3  | 3.3  | 6.6  | 6.6  | 6.6  | 3.3  | 3.3  | 3.3  | 6.6  | 6.6  | 6.6  |
| 142.5° | 3.3  | 3.3  | 6.6  | 6.6  | 6.6  | 3.3  | 3.3  | 3.3  | 6.6  | 6.6  | 6.6  |
| 145°   | 3.3  | 3.3  | 3.3  | 6.6  | 6.6  | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 6.6  |
| 147.5° | 3.3  | 3.3  | 3.3  | 6.6  | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 6.6  |
| 150°   | 3.3  | 3.3  | 3.3  | 6.6  | 6.6  | 3.3  | 3.3  | 6.6  | 6.6  | 6.6  | 6.6  |
| 152.5° | 3.3  | 3.3  | 6.6  | 6.6  | 3.3  | 3.3  | 3.3  | 6.6  | 6.6  | 6.6  | 6.6  |
| 155°   | 9.9  | 9.9  | 6.6  | 6.6  | 3.3  | 3.3  | 0.0  | 3.3  | 6.6  | 6.6  | 6.6  |
| 157.5° | 3.3  | 3.3  | 6.6  | 3.3  | 3.3  | 3.3  | 0.0  | 3.3  | 3.3  | 3.3  | 3.3  |
| 160°   | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 3.3  | 3.3  | 3.3  | 3.3  |
| 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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Peachtree City, GA 30269

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110° | 33.1 33.1 6.6 9.9 9.9 9.9 6.6 9.9 16.5 23.1 33.1

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|      |      |      |      |      |      |     |     |     |     |      |      |
|------|------|------|------|------|------|-----|-----|-----|-----|------|------|
| 110° | 29.8 | 19.8 | 13.2 | 16.5 | 13.2 | 9.9 | 9.9 | 9.9 | 9.9 | 13.2 | 16.5 |
|------|------|------|------|------|------|-----|-----|-----|-----|------|------|

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(END OF REPORT)